

Full&Default Power Mode/Reduced Power for DS14

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	126	189	251		126	189	251	
Tx Channel	854.2	854.4	854.8		854.9	854.4	854.8	
GSM 1 Tx slot	32.32	32.37	32.31	33.50	23.32	23.37	23.31	24.50
GPRS 1 Tx slot	32.30	32.36	32.30	33.50	23.30	23.36	23.30	24.50
GPRS 3 Tx slots	30.29	30.38	30.28	31.50	24.29	24.38	24.28	25.50
GPRS 3 Tx slots	28.23	28.31	28.21	29.50	23.97	24.05	23.95	25.24
GPRS 4 Tx slots	26.36	26.43	26.33	27.50	23.36	23.43	23.33	24.50
EDGE 1 Tx slot	26.27	26.34	26.24	27.50	17.27	17.34	17.24	18.50
EDGE 2 Tx slots	24.77	24.82	24.75	26.50	18.77	18.82	18.75	19.50
EDGE 3 Tx slots	22.66	22.75	22.66	23.50	18.40	18.49	18.40	19.24
EDGE 4 Tx slots	20.11	20.19	20.11	21.00	17.11	17.19	17.11	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Tx Channel	1852.2	1852	1852.8		1852.9	1852	1852.8	
GSM 1 Tx slot	29.91	29.88	29.52	30.50	20.91	20.68	20.52	21.50
GPRS 1 Tx slot	29.91	29.70	29.55	30.50	20.91	20.70	20.55	21.50
GPRS 3 Tx slots	27.55	27.37	27.20	28.50	21.55	21.37	21.20	22.50
GPRS 3 Tx slots	25.57	25.38	25.24	26.50	21.31	21.12	20.98	22.24
GPRS 4 Tx slots	23.60	23.41	23.29	24.50	20.60	20.41	20.29	21.50
EDGE 1 Tx slot	26.02	25.61	25.45	26.50	17.02	16.61	16.45	17.50
EDGE 2 Tx slots	24.24	24.21	24.14	24.50	18.24	18.21	18.14	18.50
EDGE 3 Tx slots	22.46	22.23	22.09	22.50	18.20	17.97	17.83	18.24
EDGE 4 Tx slots	20.31	20.12	19.96	20.50	17.31	17.12	16.96	17.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
Tx Channel		8650	8650	8658		1512	1413	1513		4192	4162	4233	
Rx Channel		8650	8600	8638		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1860	1807.6		1712.4	1732.6	1752.6		820.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.82	23.25	22.80	24.00	23.08	23.11	23.07	24.00	22.88	22.60	22.82	24.00
3GPP Rel 99	AMR 12.2Kbps	22.84	23.30	22.86	24.00	23.11	23.12	23.10	24.00	22.90	22.95	22.83	24.00
3GPP Rel 6	HSDPA Subtest-1	21.68	21.84	21.77	23.00	21.96	21.92	21.98	23.00	21.70	21.67	21.64	23.00
3GPP Rel 6	HSDPA Subtest-2	21.60	21.77	21.62	23.00	21.83	21.86	21.86	23.00	21.58	21.54	21.59	23.00
3GPP Rel 6	HSDPA Subtest-3	21.14	21.27	21.16	22.50	21.34	21.35	21.39	22.50	21.07	21.02	21.11	22.50
3GPP Rel 6	HSDPA Subtest-4	21.05	21.21	21.17	22.50	21.38	21.32	21.30	22.50	21.08	20.97	21.02	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.54	21.84	21.68	23.00	21.83	21.87	21.91	23.00	21.68	21.61	21.54	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.72	21.51	23.00	21.72	21.75	21.72	23.00	21.46	21.41	21.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.07	21.16	21.12	22.50	21.33	21.34	21.28	22.50	20.98	20.93	21.02	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.97	21.17	21.07	22.50	21.27	21.18	21.25	22.50	20.97	20.89	21.02	22.50
3GPP Rel 6	HSUPA Subtest-1	20.60	20.29	20.38	21.50	20.49	20.49	20.50	21.50	20.27	20.23	20.26	21.50
3GPP Rel 6	HSUPA Subtest-2	20.25	20.37	20.35	21.00	20.46	20.42	20.52	21.50	20.27	20.23	20.21	21.00
3GPP Rel 6	HSUPA Subtest-3	21.24	21.35	21.30	22.50	21.50	21.49	21.48	22.50	21.24	21.10	21.21	22.50
3GPP Rel 6	HSUPA Subtest-4	19.78	19.84	19.85	21.00	19.97	19.95	19.94	21.00	19.61	19.66	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.25	21.25	21.15	22.50	21.45	21.45	21.45	22.50	21.15	21.05	21.15	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.34	20.22	21.50	20.38	20.47	20.41	21.50	20.25	20.09	20.19	21.50

Band 2_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 Frequency (MHz)									
18670 18690 19100									
20	QPSK	1	0	22.66	22.68	22.65			
20	QPSK	1	49	22.89	23.00	22.87	24	0	
20	QPSK	1	99	22.98	22.70	22.87			
20	QPSK	50	0	21.89	21.93	21.90			
20	QPSK	50	24	21.89	21.90	21.88			
20	QPSK	50	50	21.89	21.87	21.86	23	1	
20	QPSK	100	0	21.89	21.91	21.96			
20	16QAM	1	0	21.86	21.86	21.83			
20	16QAM	1	49	22.19	22.23	22.22	23	1	
20	16QAM	1	99	22.03	22.05	21.98			
20	16QAM	50	0	20.90	20.91	20.89			
20	16QAM	50	24	20.87	20.87	20.82	22	2	
20	16QAM	50	50	20.91	20.92	20.87			
20	16QAM	100	0	20.90	20.92	20.87			
20	64QAM	1	0	20.82	20.84	20.82			
20	64QAM	1	49	21.13	21.13	21.08	22	2	
20	64QAM	1	99	20.88	20.88	20.83			
20	64QAM	50	0	19.93	19.92	19.91			
20	64QAM	50	24	19.87	19.91	19.85			
20	64QAM	50	50	19.97	19.98	19.92	21	3	
20	64QAM	100	0	19.89	19.93	19.92			
Channel Frequency (MHz)									
18675 18690 19125									
15	QPSK	1	0	22.54	22.63	22.62			
15	QPSK	1	37	22.86	22.80	22.77	24	0	
15	QPSK	1	74	22.59	22.62	22.52			
15	QPSK	36	0	21.87	21.84	21.88			
15	QPSK	36	20	21.82	21.86	21.74	23	1	
15	QPSK	36	36	21.84	21.78	21.86			
15	QPSK	0	75	21.83	21.77	21.72			
15	16QAM	1	0	21.85	21.90	21.93			
15	16QAM	1	37	22.04	22.19	22.18	23	1	
15	16QAM	1	74	21.94	21.94	21.87			
15	16QAM	36	0	20.80	20.80	20.79			
15	16QAM	36	20	20.83	20.75	20.82	22	2	
15	16QAM	36	36	20.86	20.86	20.86			
15	16QAM	75	0	20.81	20.90	20.80			
15	64QAM	1	0	20.70	20.72	20.71			
15	64QAM	1	37	21.58	21.02	20.97	22	2	
15	64QAM	1	74	20.80	20.83	20.74			
15	64QAM	36	0	19.98	19.77	19.91			
15	64QAM	36	20	19.75	19.88	19.77	21	3	
15	64QAM	36	36	19.83	19.87	19.87			
15	64QAM	75	0	19.81	19.89	19.83			
Channel Frequency (MHz)									
18650 18690 19150									
10	QPSK	1	0	22.64	22.69	22.64			
10	QPSK	1	25	22.87	22.83	22.77	24	0	
10	QPSK	1	49	22.54	22.67	22.59			
10	QPSK	0	25	21.86	21.88	21.80			
10	QPSK	25	12	21.74	21.83	21.82	23	1	
10	QPSK	25	25	21.74	21.78	21.77			
10	QPSK	0	50	21.85	21.77	21.76			
10	16QAM	1	0	21.98	21.87	21.88			
10	16QAM	1	25	22.18	22.16	22.11	23	1	
10	16QAM	1	49	21.95	22.05	21.88			
10	16QAM	25	0	20.81	20.86	20.87			
10	16QAM	25	12	20.73	20.77	20.80	22	2	
10	16QAM	25	25	20.87	20.92	20.83			
10	16QAM	50	0	20.85	20.85	20.82			
10	64QAM	1	0	20.82	20.72	20.74			
10	64QAM	1	25	21.00	21.09	21.06	22	2	
10	64QAM	1	49	20.86	20.84	20.76			
10	64QAM	25	0	19.87	19.85	19.87			
10	64QAM	25	12	19.79	19.89	19.71	21	3	
10	64QAM	25	25	19.90	19.92	19.83			
10	64QAM	50	0	19.74	19.92	19.92			
Channel Frequency (MHz)									
18625 18690 19175									
5	QPSK	1	0	22.63	22.66	22.64			
5	QPSK	1	12	22.83	22.80	22.82	24	0	
5	QPSK	1	24	22.60	22.69	22.64			
5	QPSK	12	0	21.77	21.80	21.86			
5	QPSK	12	7	21.75	21.89	21.77	23	1	
5	QPSK	12	13	21.81	21.81	21.82			
5	QPSK	0	25	21.79	21.80	21.76			
5	16QAM	1	0	21.82	21.92	21.80			
5	16QAM	1	12	22.10	22.15	22.11	23	1	
5	16QAM	1	24	21.94	21.96	21.93			
5	16QAM	12	0	20.75	20.86	20.84			
5	16QAM	12	7	20.86	20.79	20.76	22	2	
5	16QAM	12	13	20.91	20.86	20.87			
5	16QAM	25	0	20.88	20.90	20.85			
5	64QAM	1	0	20.70	20.76	20.71			
5	64QAM	1	12	21.07	21.06	20.96	22	2	
5	64QAM	1	24	20.83	20.80	20.76			
5	64QAM	12	0	19.79	19.79	19.89			
5	64QAM	12	7	19.79	19.82	19.72	21	3	
5	64QAM	12	13	19.86	19.91	19.84			
5	64QAM	25	0	19.74	19.90	19.83			
Channel Frequency (MHz)									
18615 18690 19185									
3	QPSK	1	0	22.61	22.66	22.61			
3	QPSK	1	8	22.82	22.83	22.75	24	0	
3	QPSK	1	14	22.56	22.62	22.55			
3	QPSK	8	0	21.84	21.93	21.76			
3	QPSK	8	4	21.74	21.88	21.83	23	1	
3	QPSK	8	7	21.74	21.75	21.71			
3	QPSK	16	0	21.86	21.87	21.80			
3	16QAM	1	0	21.88	21.95	21.84			
3	16QAM	1	8	22.17	22.18	22.12	23	1	
3	16QAM	1	14	21.96	22.05	21.98			
3	16QAM	8	0	20.90	20.84	20.85			
3	16QAM	8	4	20.72	20.72	20.82	22	2	
3	16QAM	8	7	20.88	20.84	20.83			
3	16QAM	16	0	20.82	20.80	20.81			
3	64QAM	1	0	20.74	20.77	20.69			
3	64QAM	1	8	21.11	21.11	21.05	22	2	
3	64QAM	1	14	20.79	20.84	20.68			
3	64QAM	8	0	19.93	19.77	19.91			
3	64QAM	8	4	19.74	19.91	19.81	21	3	
3	64QAM	8	7	19.96	19.96	19.85			
3	64QAM	16	0	19.87	19.93	19.87			
Channel Frequency (MHz)									
18607 18690 19193									
1.4	QPSK	1	0	22.63	22.65	22.67			
1.4	QPSK	1	3	22.84	22.83	22.72	24	0	
1.4	QPSK	1	5	22.66	22.61	22.52			
1.4	QPSK	3	0	22.51	22.51	22.43			
1.4	QPSK	3	1	22.83	22.71	22.64			
1.4	QPSK	3	3	22.59	22.51	22.38	23	1	
1.4	QPSK	6	0	21.80	21.79	21.85			
1.4	16QAM	1	0	21.93	21.91	21.84	23	1	
1.4	16QAM	1	3	22.18	22.18	22.09			
1.4	16QAM	1	5	21.91	22.01	21.96			
1.4	16QAM	3	0	21.80	21.81	21.73			
1.4	16QAM	3	1	22.14	22.13	22.05	23	1	
1.4	16QAM	3	3	21.85	21.90	21.87			
1.4	16QAM	6	0	20.78	20.80	20.81	22	2	
1.4	64QAM	1	0	20.70	20.72	20.82			
1.4	64QAM	1	3	21.09	21.01	21.08			
1.4	64QAM	1	5	20.73	20.85	20.82	22	2	
1.4	64QAM	3	0	20.64	20.60	20.68			
1.4	64QAM	3	1	20.95	20.98	21.00			
1.4	64QAM	3	3	20.62	20.72	20.78	21	3	
1.4	64QAM	6	0	19.78	19.86	19.91			

Band 4_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 Frequency (MHz)									
20	QPSK	1	0	1720	1723	1723			
20	QPSK	1	49	22.59	22.50	22.81	24	0	
20	QPSK	1	99	22.88	22.88	22.80			
20	QPSK	50	0	22.04	22.06	22.00			
20	QPSK	50	24	21.96	21.95	21.88	23	1	
20	QPSK	50	50	22.00	22.02	21.91			
20	QPSK	100	0	21.97	22.00	21.92			
20	16QAM	1	0	22.22	22.25	22.14			
20	16QAM	1	49	22.40	22.41	22.35	23	1	
20	16QAM	1	99	22.22	22.21	22.10			
20	16QAM	50	0	20.98	20.98	20.87			
20	16QAM	50	24	21.10	21.08	20.99	22	2	
20	16QAM	50	50	21.03	21.06	20.95			
20	16QAM	100	0	21.01	21.04	20.94			
20	64QAM	1	0	21.21	21.19	21.10			
20	64QAM	1	49	21.38	21.38	21.30	22	2	
20	64QAM	1	99	21.03	21.05	20.99			
20	64QAM	50	0	20.00	20.02	19.93			
20	64QAM	50	24	20.13	20.11	20.01	21	3	
20	64QAM	50	50	20.09	20.07	20.01			
20	64QAM	100	0	20.05	20.06	19.98			
Channel Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	20.05	20.15	20.05			
15	QPSK	1	79	17.17	172.3	172.3			
15	QPSK	1	37	23.06	23.04	22.98	24	0	
15	QPSK	1	74	22.79	22.81	22.75			
15	QPSK	36	0	21.90	21.91	21.88	23	1	
15	QPSK	36	36	21.92	21.82	21.75			
15	QPSK	36	39	21.99	21.94	21.84			
15	QPSK	75	0	21.82	21.99	21.87			
15	16QAM	1	0	22.07	22.25	22.01			
15	16QAM	1	37	22.40	22.26	22.23	23	1	
15	16QAM	1	74	22.07	22.10	22.00			
15	16QAM	36	0	20.95	20.83	20.80			
15	16QAM	36	20	21.00	21.04	20.92	22	2	
15	16QAM	36	39	20.93	21.06	20.91			
15	16QAM	75	0	20.97	21.03	20.95			
15	64QAM	1	0	21.08	21.13	21.07			
15	64QAM	1	37	21.23	21.33	21.15	22	2	
15	64QAM	1	74	20.94	21.03	20.94			
15	64QAM	36	0	19.99	20.00	19.92			
15	64QAM	36	20	20.12	20.03	19.93	21	3	
15	64QAM	36	39	19.89	19.89	20.00			
15	64QAM	75	0	19.94	19.94	19.97			
Channel Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	1715	1725.5	1750			
10	QPSK	1	25	22.79	22.76	22.68	24	0	
10	QPSK	1	50	22.00	22.01	22.05			
10	QPSK	1	49	22.76	22.79	22.71			
10	QPSK	25	0	22.00	21.92	21.93	23	1	
10	QPSK	25	12	21.83	21.93	21.74			
10	QPSK	25	25	21.94	21.98	21.79			
10	QPSK	50	0	21.87	22.00	22.10			
10	16QAM	1	0	22.08	22.22	22.01	23	1	
10	16QAM	1	25	22.30	22.38	22.23			
10	16QAM	1	49	22.19	22.18	21.96			
10	16QAM	25	0	20.88	20.97	20.73	22	2	
10	16QAM	25	12	21.04	21.05	20.91			
10	16QAM	25	25	20.97	21.04	20.85			
10	16QAM	50	0	20.88	20.99	20.94			
10	64QAM	1	0	21.09	21.05	21.00	22	2	
10	64QAM	1	25	21.38	21.24	21.16			
10	64QAM	1	49	21.02	20.96	20.92			
10	64QAM	25	0	19.98	19.98	19.91	21	3	
10	64QAM	25	12	20.10	20.01	19.96			
10	64QAM	25	25	20.00	19.94	19.92			
10	64QAM	50	0	19.90	20.05	19.93			
Channel Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	1712.5	1732.5	1752.5			
5	QPSK	1	0	22.84	22.81	22.73	24	0	
5	QPSK	1	12	22.08	22.08	22.01			
5	QPSK	1	24	22.88	22.85	22.67			
5	QPSK	12	0	21.96	22.02	21.93	23	1	
5	QPSK	12	7	21.85	21.83	21.64			
5	QPSK	12	13	21.91	21.99	21.79			
5	QPSK	25	0	21.82	21.87	21.79			
5	16QAM	1	0	22.16	22.23	22.00	23	1	
5	16QAM	1	12	22.28	22.32	22.10			
5	16QAM	1	24	22.21	22.08	21.96			
5	16QAM	12	0	20.87	20.97	20.77	22	2	
5	16QAM	12	7	21.09	21.03	20.90			
5	16QAM	12	13	20.95	21.04	20.85			
5	16QAM	25	0	20.95	20.93	20.91			
5	64QAM	1	0	21.16	21.14	21.09	22	2	
5	64QAM	1	12	21.31	21.33	21.19			
5	64QAM	1	24	21.02	20.96	20.90			
5	64QAM	12	0	20.00	19.98	19.95	21	3	
5	64QAM	12	7	20.00	20.10	19.98			
5	64QAM	12	13	19.97	20.04	19.98			
5	64QAM	25	0	19.96	19.92	19.97			
Channel Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	1711.5	1732.5	1753.5			
3	QPSK	1	0	22.81	22.76	22.70	24	0	
3	QPSK	1	8	23.05	23.04	22.97			
3	QPSK	1	14	22.79	22.73	22.74			
3	QPSK	8	0	21.89	21.95	21.85	23	1	
3	QPSK	8	4	21.93	21.81	21.82			
3	QPSK	8	7	21.88	21.92	21.81			
3	QPSK	15	0	21.96	21.97	21.96			
3	16QAM	1	0	22.15	22.24	22.11	23	1	
3	16QAM	1	8	22.27	22.33	22.27			
3	16QAM	1	14	22.12	22.19	21.97			
3	16QAM	8	0	20.96	20.91	20.76	22	2	
3	16QAM	8	4	21.07	21.00	20.87			
3	16QAM	8	7	20.98	21.03	20.85			
3	16QAM	15	0	20.90	21.04	20.89			
3	64QAM	1	0	21.11	21.08	20.97	22	2	
3	64QAM	1	8	21.28	21.33	21.16			
3	64QAM	1	14	20.99	20.96	20.97			
3	64QAM	8	0	19.90	20.02	19.90	21	3	
3	64QAM	8	4	19.99	20.03	19.87			
3	64QAM	8	7	19.98	20.07	19.94			
3	64QAM	15	0	20.02	19.97	19.94			
Channel Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	1920.7	2017.5	2033.3			
1.4	QPSK	1	0	22.81	22.78	22.73	24	0	
1.4	QPSK	3	0	23.07	23.09	22.89			
1.4	QPSK	1	0	21.86	21.78	21.66	23	1	
1.4	QPSK	3	0	22.72	22.64	22.64			
1.4	QPSK	3	1	22.52	23.06	22.84			
1.4	QPSK	3	3	22.73	22.68	22.61			
1.4	16QAM	1	0	21.94	21.99	21.91	23	1	
1.4	16QAM	1	0	22.13	22.20	22.00			
1.4	16QAM	3	3	22.38	22.41	22.30			
1.4	16QAM	3	1	22.18	22.12	21.04	23	1	
1.4	16QAM	3	0	22.00	22.12	21.88			
1.4	16QAM	3	1	22.27	22.30	22.16			
1.4	16QAM	3	3	21.90	22.02	21.80			
1.4	16QAM	6	0	20.95	20.95	20.90	22	2	
1.4	16QAM	1	0	21.20	21.15	21.02			
1.4	64QAM	1	3	21.36	21.24	21.18			
1.4	64QAM	3	0	20.89	21.05	20.98	22	2	
1.4	64QAM	3	0	20.89	21.02	20.97			
1.4	64QAM	3	1	21.26	21.20	21.06			
1.4	64QAM	3	3	21.34	21.03	20.93			
1.4	64QAM	6	0	20.04	20.02	19.93	21	3	

Band 5_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				20450	20525	20600			
Frequency (MHz)				205	206	207			
10	QPSK	1	0	22.72	22.76	22.74	24	0	
10	QPSK	1	25	22.80	22.82	22.79			
10	QPSK	1	49	22.87	22.71	22.69			
10	QPSK	25	0	21.77	21.81	21.76			
10	QPSK	25	12	21.76	21.78	21.73	23	1	
10	QPSK	25	25	21.75	21.79	21.76			
10	QPSK	50	0	21.73	21.80	21.76			
10	16QAM	1	0	22.03	22.05	22.01			
10	16QAM	1	25	22.06	22.12	22.08	23	1	
10	16QAM	1	49	21.94	21.97	21.96			
10	16QAM	25	0	20.75	20.79	20.78			
10	16QAM	25	12	20.72	20.77	20.76			
10	16QAM	25	25	20.77	20.81	20.79	22	2	
10	16QAM	50	0	20.80	20.83	20.83			
10	64QAM	1	0	20.88	20.91	20.86			
10	64QAM	1	25	20.96	21.01	21.01			
10	64QAM	1	49	20.92	20.88	20.88	22	2	
10	64QAM	25	0	19.80	19.84	19.83			
10	64QAM	25	12	19.80	19.86	19.85			
10	64QAM	25	25	19.87	19.89	19.87			
10	64QAM	50	0	19.82	19.87	19.86	21	3	
Channel				20425	20525	20625			
Frequency (MHz)				204.5	205.5	206.5			
5	QPSK	1	0	22.66	22.63	22.74	24	0	
5	QPSK	1	12	22.79	22.75	22.66			
5	QPSK	1	24	22.57	22.61	22.61			
5	QPSK	12	0	21.71	21.72	21.61			
5	QPSK	12	7	21.72	21.71	21.62	23	1	
5	QPSK	12	13	21.69	21.66	21.69			
5	QPSK	25	0	21.70	21.67	21.66			
5	16QAM	1	0	21.99	22.05	21.90			
5	16QAM	1	12	22.03	21.98	22.06	23	1	
5	16QAM	1	24	21.89	21.90	21.82			
5	16QAM	12	0	20.69	20.71	20.76			
5	16QAM	12	7	20.72	20.66	20.76			
5	16QAM	12	13	20.69	20.73	20.66	22	2	
5	16QAM	25	0	20.67	20.70	20.77			
5	64QAM	1	0	20.88	20.85	20.75			
5	64QAM	1	12	20.92	20.87	20.99			
5	64QAM	1	24	20.80	20.79	20.73	22	2	
5	64QAM	12	0	19.75	19.69	19.72			
5	64QAM	12	7	19.71	19.74	19.84			
5	64QAM	12	13	19.73	19.76	19.72			
5	64QAM	25	0	19.79	19.82	19.79	21	3	
Channel				20415	20525	20635			
Frequency (MHz)				204.5	205.5	206.5			
3	QPSK	1	0	22.64	22.76	22.67	24	0	
3	QPSK	1	8	22.80	22.78	22.71			
3	QPSK	1	14	22.54	22.61	22.67			
3	QPSK	8	0	21.76	21.74	21.75			
3	QPSK	8	4	21.67	21.72	21.61	23	1	
3	QPSK	8	7	21.69	21.73	21.71			
3	QPSK	16	0	21.71	21.77	21.75			
3	16QAM	1	0	21.97	22.05	21.90			
3	16QAM	1	8	21.95	22.02	22.06	23	1	
3	16QAM	1	14	21.84	21.87	21.87			
3	16QAM	8	0	20.61	20.66	20.63			
3	16QAM	8	4	20.64	20.77	20.62			
3	16QAM	8	7	20.74	20.80	20.78	22	2	
3	16QAM	16	0	20.69	20.77	20.69			
3	64QAM	1	0	20.74	20.84	20.82			
3	64QAM	1	8	20.95	20.98	20.96			
3	64QAM	1	14	20.60	20.87	20.81	22	2	
3	64QAM	8	0	19.75	19.83	19.68			
3	64QAM	8	4	19.78	19.78	19.77			
3	64QAM	8	7	19.75	19.85	19.72			
3	64QAM	16	0	19.67	19.75	19.81	21	3	
Channel				20407	20525	20643			
Frequency (MHz)				204.7	205.5	206.3			
1.4	QPSK	1	0	22.67	22.61	22.72	24	0	
1.4	QPSK	1	3	22.72	22.79	22.78			
1.4	QPSK	1	5	22.66	22.69	22.67			
1.4	QPSK	3	0	22.60	22.56	22.70			
1.4	QPSK	3	1	22.52	22.64	22.69	23	1	
1.4	QPSK	3	3	22.51	22.61	22.58			
1.4	QPSK	6	0	21.62	21.69	21.67			
1.4	16QAM	1	0	21.91	21.99	22.01			
1.4	16QAM	1	3	22.04	22.06	21.97	23	1	
1.4	16QAM	1	5	21.84	21.97	21.92			
1.4	16QAM	3	0	21.87	21.88	21.96			
1.4	16QAM	3	1	21.84	21.84	21.88			
1.4	16QAM	3	3	21.73	21.87	21.78	22	2	
1.4	16QAM	6	0	20.76	20.80	20.72			
1.4	64QAM	1	0	20.79	20.89	20.74			
1.4	64QAM	1	3	20.90	20.97	21.00			
1.4	64QAM	1	5	20.69	20.73	20.81	22	2	
1.4	64QAM	3	0	20.74	20.85	20.71			
1.4	64QAM	3	1	20.81	20.92	20.88			
1.4	64QAM	3	3	20.57	20.61	20.72			
1.4	64QAM	6	0	19.78	19.74	19.81	21	3	
Channel				20400	20525	20643			
Frequency (MHz)				204.0	205.5	206.5			

Band 7_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				20850	21100	21350			
Frequency (MHz)				208.5	210.5	212.5			
20	QPSK	1	0	22.77	22.80	22.72	24	0	
20	QPSK	1	49	22.84	22.89	22.83			
20	QPSK	1	99	22.82	22.84	22.58			
20	QPSK	50	0	21.91	21.96	21.87			
20	QPSK	50	24	21.91	21.94	21.88	23	1	
20	QPSK	50	50	21.89	21.93	21.85			
20	QPSK	100	0	21.89	21.92	21.86			
20	16QAM	1	0	22.07	22.11	22.06			
20	16QAM	1	49	22.23	22.25	22.16	23	1	
20	16QAM	1	99	21.91	21.95	21.88			
20	16QAM	50	0	20.91	20.92	20.83			
20	16QAM	50	24	20.87	20.91	20.83	22	2	
20	16QAM	50	50	20.91	20.92	20.87			
20	16QAM	100	0	20.88	20.90	20.81			
20	64QAM	1	0	20.94	20.96	20.87			
20	64QAM	1	49	21.07	21.11	21.04	22	2	
20	64QAM	1	99	20.81	20.84	20.75			
20	64QAM	50	0	19.94	19.96	19.90			
20	64QAM	50	24	19.93	19.94	19.88			
20	64QAM	50	50	19.92	19.92	19.87	21	3	
20	64QAM	100	0	19.89	19.92	19.85			
Channel				20825	21100	21375			
Frequency (MHz)				208.5	210.5	212.5			
15	QPSK	1	0	22.70	22.69	22.59	24	0	
15	QPSK	1	37	22.83	22.82	22.92			
15	QPSK	1	74	22.62	22.63	22.48			
15	QPSK	36	0	21.78	21.84	21.79			
15	QPSK	36	20	21.86	21.86	21.76	23	1	
15	QPSK	36	36	21.84	21.85	21.70			
15	QPSK	72	0	21.63	21.77	21.78			
15	16QAM	1	0	21.94	22.00	22.02			
15	16QAM	1	37	22.13	22.22	22.06	23	1	
15	16QAM	1	74	21.90	21.80	21.75			
15	16QAM	36	0	20.87	20.91	20.68			
15	16QAM	36	20	20.83	20.91	20.71			
15	16QAM	36	36	20.85	20.90	20.87	22	2	
15	16QAM	72	0	20.79	20.82	20.74			
15	64QAM	1	0	20.87	20.92	20.78			
15	64QAM	1	37	20.99	21.01	21.00			
15	64QAM	1	74	20.66	20.80	20.72	21	3	
15	64QAM	36	0	19.89	19.86	19.87			
15	64QAM	36	20	19.93	19.92	19.87			
15	64QAM	36	36	19.89	19.90	19.75			
15	64QAM	72	0	19.87	19.82	19.78			
Channel				20825	21100	21375			
Frequency (MHz)				208.5	210.5	212.5			
10	QPSK	1	0	22.70	22.80	22.72	24	0	
10	QPSK	1	25	22.85	22.84	22.82			
10	QPSK	1	49	22.61	22.58	22.49			
10	QPSK	25	0	21.91	21.88	21.72			
10	QPSK	25	12	21.90	21.83	21.75	23	1	
10	QPSK	25	25	21.74	21.86	21.80			
10	QPSK	50	0	21.78	21.84	21.78			
10	16QAM	1	0	22.04	21.99	21.95			
10	16QAM	25	0	21.19	21.19	22.01	23	1	
10	16QAM	1	49	21.83	21.85	21.85			
10	16QAM	25	0	20.79	20.86	20.71			
10	16QAM	25	12	20.73	20.82	20.77			
10	16QAM	25	25	20.85	20.91	20.76	22	2	
10	16QAM	50	0	20.77	20.89	20.81			
10	64QAM	1	0	20.94	20.88	20.73			
10	64QAM	1	25	20.96	21.06	20.98			
10	64QAM	1	49	20.80	20.83	20.73	21	3	
10	64QAM	25	0	19.85	19.86	19.79			
10	64QAM	25	12	19.81	19.82	19.76			
10	64QAM	25	25	19.77	19.89	19.78			
10	64QAM	50	0	19.81	19.92	19.80			
Channel				20873	21100	21425			
Frequency (MHz)				208.5	210.5	212.5			
5	QPSK	1	0	22.68	22.70	22.65	24	0	
5	QPSK	1	12	22.81	22.98	22.84			
5	QPSK	24	0	21.48	22.51	22.51			
5	QPSK	12	0	21.85	21.82	21.82			
5	QPSK	12	7	21.86	21.86	21.84	23	1	
5	QPSK	12	12	21.85	21.82	21.82			
5	QPSK	25	0	21.76	21.78	21.83			
5	16QAM	1	0	22.07	21.86	21.94			
5	16QAM	1	12	22.17	22.19	22.13	23	1	
5	16QAM	24	1	21.76	21.94	21.78			
5	16QAM	12	0	20.83	20.82	20.89			
5	16QAM	12	7	20.83	20.83	20.75			
5	16QAM	12	12	20.77	20.78	20.76	22	2	
5	16QAM	25	0	20.75	20.86	20.87			
5	64QAM	1	0	20.92	20.87	20.82			
5	64QAM	1	12	21.03	21.03	20.80			
5	64QAM	1	24	20.72	20.72	20.67	22	2	
5	64QAM	12	0	19.92	19.81	19.78			
5	64QAM	12	7	19.84	19.94	19.75			
5	64QAM	12	12	19.85	19.87	19.76			
5	64QAM	25	0	19.84	19.80	19.84	21	3	

Band 13_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				23230					
Frequency (MHz)				782.5					
10	QPSK	1	0	22.75			24	0	
10	QPSK	1	25	22.91					
10	QPSK	1	49	22.86					
10	QPSK	25	0	21.83			23	1	
10	QPSK	25	12	21.82					
10	QPSK	25	25	21.79					
10	QPSK	50	0	21.80			23	1	
10	16QAM	1	0	22.07					
10	16QAM	1	25	22.21					
10	16QAM	1	49	22.04			22	2	
10	16QAM	25	0	20.92					
10	16QAM	25	12	20.95					
10	16QAM	25	25	20.88			22	2	
10	16QAM	50	0	20.93					
10	64QAM	1	0	21.05					
10	64QAM	1	25	21.20			22	2	
10	64QAM	1	49	20.92					
10	64QAM	25	0	19.91					
10	64QAM	25	12	19.93			21	3	
10	64QAM	25	25	19.88					
10	64QAM	50	0	19.89					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.63	22.67	22.65	24	0	
5	QPSK	1	12	22.86	22.88	22.90			
5	QPSK	1	24	22.59	22.65	22.62			
5	QPSK	12	0	21.78	21.84	21.78	23	1	
5	QPSK	12	7	21.76	21.79	21.81			
5	QPSK	12	13	21.75	21.79	21.78			
5	QPSK	25	0	21.75	21.77	21.79	23	1	
5	16QAM	1	0	22.04	22.10	22.05			
5	16QAM	1	12	22.15	22.18	22.16			
5	16QAM	1	24	22.00	22.05	21.99	22	2	
5	16QAM	12	0	20.87	20.89	20.89			
5	16QAM	12	7	20.92	20.99	20.91			
5	16QAM	12	13	20.84	20.91	20.86	22	2	
5	16QAM	25	0	20.90	20.92	20.91			
5	64QAM	1	0	21.03	21.10	21.00			
5	64QAM	1	12	21.15	21.21	21.20	22	2	
5	64QAM	1	24	20.77	20.81	20.77			
5	64QAM	12	0	19.86	19.92	19.89			
5	64QAM	12	7	19.86	19.93	19.91	21	3	
5	64QAM	12	13	19.84	19.91	19.83			
5	64QAM	25	0	19.85	19.88	19.84			

Band 26_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				26765	26865	26965			
Frequency (MHz)				826.5	828.0	829.5			
15	QPSK	1	0	22.64	22.70	22.66	24	0	
15	QPSK	1	37	22.89	22.92	22.87			
15	QPSK	1	74	22.61	22.68	22.67			
15	QPSK	36	0	21.77	21.85	21.79	23	1	
15	QPSK	36	20	21.76	21.79	21.78			
15	QPSK	36	39	21.76	21.80	21.77			
15	QPSK	75	0	21.75	21.78	21.73	23	1	
15	16QAM	1	0	21.86	21.92	21.90			
15	16QAM	1	37	22.20	22.23	22.20			
15	16QAM	1	74	21.83	21.91	21.89	22	2	
15	16QAM	36	0	20.73	20.76	20.72			
15	16QAM	36	20	20.73	20.79	20.73			
15	16QAM	36	39	20.69	20.75	20.70	22	2	
15	16QAM	75	0	20.74	20.80	20.77			
15	64QAM	1	0	20.92	20.95	20.91			
15	64QAM	1	37	21.03	21.11	21.06	22	2	
15	64QAM	1	74	20.75	20.84	20.81			
15	64QAM	36	0	19.80	19.84	19.80			
15	64QAM	36	20	19.82	19.88	19.83	21	3	
15	64QAM	36	39	19.78	19.85	19.84			
15	64QAM	75	0	19.80	19.84	19.81			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831	831.5	841			
10	QPSK	1	0	22.59	22.64	22.59	24	0	
10	QPSK	1	25	22.83	22.84	22.72			
10	QPSK	1	49	22.49	22.64	22.62			
10	QPSK	25	0	21.71	21.79	21.73	23	1	
10	QPSK	25	12	21.73	21.79	21.74			
10	QPSK	25	25	21.63	21.78	21.76			
10	QPSK	50	0	21.67	21.78	21.61	23	1	
10	16QAM	1	0	21.71	21.88	21.81			
10	16QAM	1	25	22.09	22.16	22.05			
10	16QAM	1	49	21.72	21.77	21.73	22	2	
10	16QAM	25	0	20.65	20.64	20.70			
10	16QAM	25	12	20.65	20.65	20.70			
10	16QAM	25	25	20.63	20.63	20.64	22	2	
10	16QAM	50	0	20.64	20.72	20.76			
10	64QAM	1	0	20.92	20.93	20.86			
10	64QAM	1	25	20.88	21.10	21.01	22	2	
10	64QAM	1	49	20.67	20.74	20.69			
10	64QAM	25	0	19.73	19.84	19.74			
10	64QAM	25	12	19.69	19.82	19.69	21	3	
10	64QAM	25	25	19.64	19.83	19.75			
10	64QAM	50	0	19.79	19.69	19.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836.5	833.5	846.5			
5	QPSK	1	0	22.52	22.69	22.52	24	0	
5	QPSK	1	12	22.84	22.89	22.80			
5	QPSK	1	24	22.61	22.60	22.59			
5	QPSK	12	0	21.63	21.74	21.71	23	1	
5	QPSK	12	7	21.75	21.71	21.67			
5	QPSK	12	13	21.73	21.80	21.69			
5	QPSK	25	0	21.70	21.75	21.67	23	1	
5	16QAM	1	0	21.86	21.81	21.81			
5	16QAM	1	12	22.07	22.15	22.07			
5	16QAM	1	24	21.83	21.76	21.74	22	2	
5	16QAM	12	0	20.68	20.73	20.68			
5	16QAM	12	7	20.68	20.77	20.71			
5	16QAM	12	13	20.67	20.69	20.69	22	2	
5	16QAM	25	0	20.60	20.71	20.70			
5	64QAM	1	0	20.78	20.93	20.91			
5	64QAM	1	12	21.00	21.04	21.04	22	2	
5	64QAM	1	24	20.71	20.70	20.67			
5	64QAM	12	0	19.74	19.79	19.70			
5	64QAM	12	7	19.81	19.81	19.71	21	3	
5	64QAM	12	13	19.86	19.71	19.76			
5	64QAM	25	0	19.79	19.84	19.75			
Channel				26795	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				838.5	833.5	847.5			
3	QPSK	1	0	22.63	22.55	22.65	24	0	
3	QPSK	1	8	22.81	22.88	22.74			
3	QPSK	1	14	22.56	22.66	22.55			
3	QPSK	8	0	21.70	21.83	21.77	23	1	
3	QPSK	8	4	21.64	21.69	21.73			
3	QPSK	8	7	21.69	21.74	21.67			
3	QPSK	16	0	21.63	21.78	21.66	23	1	
3	16QAM	1	0	21.75	21.88	21.90			
3	16QAM	1	8	21.16	21.16	21.20			
3	16QAM	1	14	21.71	21.88	21.77	22	2	
3	16QAM	8	0	20.65	20.63	20.70			
3	16QAM	8	4	20.69	20.71	20.64			
3	16QAM	8	7	20.60	20.68	20.70	22	2	
3	16QAM	16	0	20.74	20.65	20.63			
3	64QAM	1	0	20.78	20.90	20.83			
3	64QAM	1	8	20.90	20.96	20.87	22	2	
3	64QAM	1	14	20.66	20.72	20.81			
3	64QAM	8	0	19.79	19.80	19.78			
3	64QAM	8	4	19.81	19.83	19.77	21	3	
3	64QAM	8	7	19.78	19.78	19.82			
3	64QAM	16	0	19.80	19.70	19.77			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				843.9	833.5	843.9			
1.4	QPSK	1	0	22.49	22.55	22.61	24	0	
1.4	QPSK	1	3	22.86	22.81	22.77			
1.4	QPSK	1	6	22.52	22.56	22.57			
1.4	QPSK	3	0	22.47	22.50	22.58	23	1	
1.4	QPSK	3	1	22.84	22.66	22.67			
1.4	QPSK	3	3	22.50	22.42	22.53			
1.4	QPSK	3	6	21.67	21.75	21.65	23	1	
1.4	16QAM	1	0	21.72	21.91	21.76			
1.4	16QAM	1	3	22.11	22.20	22.19			
1.4	16QAM	1	6	21.77	21.82	21.78	23	1	
1.4	16QAM	3	0	21.68	21.84	21.81			
1.4	16QAM	3	1	22.02	22.06	22.04			
1.4	16QAM	3	3	21.63	21.71	21.77	22	2	
1.4	16QAM	6	0	20.72	20.69	20.64			
1.4	64QAM	1	0	20.89	20.83	20.87			
1.4	64QAM	1	3	20.97	20.96	21.03	22	2	
1.4	64QAM	1	6	21.70	20.90	20.70			
1.4	64QAM	3	0	20.74	20.75	20.79			
1.4	64QAM	3	1	20.89	20.91	20.86	21	3	
1.4	64QAM	3	3	20.67	20.66	20.66			
1.4	64QAM	6	0	19.69	19.71	19.67			

Band 66_Ant 0									
BW (MHz)	Modulation	Channel	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	22.84	22.87	22.82			
20	QPSK	1	48	23.07	23.12	23.07		24	0
20	QPSK	1	96	22.82	22.86	22.82			
20	QPSK	50	0	22.08	22.09	22.01			
20	QPSK	50	24	21.99	22.05	22.02			
20	QPSK	50	50	21.97	22.01	21.93		23	1
20	QPSK	100	0	21.99	22.04	21.99			
20	16QAM	1	0	22.12	22.14	22.06			
20	16QAM	1	48	22.36	22.39	22.34		23	1
20	16QAM	1	96	22.25	22.26	22.21			
20	16QAM	50	0	21.09	21.10	21.04			
20	16QAM	50	24	21.06	21.08	21.00		22	2
20	16QAM	50	50	21.20	21.04	20.97			
20	16QAM	100	0	21.02	21.06	21.01			
20	64QAM	1	0	20.98	21.01	20.97			
20	64QAM	1	48	21.21	21.21	21.20		22	2
20	64QAM	1	96	21.21	21.25	21.23			
20	64QAM	50	0	20.10	20.16	20.12			
20	64QAM	50	24	20.09	20.12	20.09			
20	64QAM	50	50	20.03	20.09	20.04		21	3
20	64QAM	100	0	20.05	20.10	20.03			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.84	22.89	22.80			
15	QPSK	1	37	23.05	23.07	23.01		24	0
15	QPSK	1	74	22.86	22.86	22.84			
15	QPSK	36	0	22.08	22.00	21.92			
15	QPSK	36	20	21.99	21.98	21.90		23	1
15	QPSK	36	39	21.85	21.83	21.82			
15	QPSK	75	0	21.09	21.08	21.06			
15	16QAM	1	0	21.99	21.99	21.95			
15	16QAM	1	37	22.32	22.36	22.32		23	1
15	16QAM	1	74	22.10	22.19	22.10			
15	16QAM	36	0	21.09	21.09	20.98			
15	16QAM	36	20	20.95	21.08	20.93		22	2
15	16QAM	36	39	20.99	20.93	20.94			
15	16QAM	75	0	20.99	20.93	20.98			
15	64QAM	1	0	20.98	20.97	20.96			
15	64QAM	1	37	21.25	21.31	21.20		22	2
15	64QAM	1	74	21.10	21.25	21.17			
15	64QAM	36	0	19.98	20.07	20.06			
15	64QAM	36	20	20.03	19.99	19.95		21	3
15	64QAM	36	39	19.98	19.95	20.01			
15	64QAM	75	0	19.92	20.02	19.96			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.76	22.81	22.68			
10	QPSK	1	25	22.84	23.02	23.01		24	0
10	QPSK	1	49	22.87	22.81	22.85			
10	QPSK	25	0	22.03	22.04	22.00			
10	QPSK	25	12	21.83	21.90	21.95		23	1
10	QPSK	25	25	21.87	21.98	21.81			
10	QPSK	50	0	21.84	22.04	21.93			
10	16QAM	1	0	22.07	21.99	21.92			
10	16QAM	1	25	22.33	22.31	22.27		23	1
10	16QAM	1	49	22.22	22.19	22.08			
10	16QAM	25	0	21.04	21.00	21.01			
10	16QAM	25	12	21.03	20.98	20.90		22	2
10	16QAM	25	25	20.95	20.98	20.90			
10	16QAM	50	0	21.01	21.01	20.96			
10	64QAM	1	0	20.93	20.92	20.86			
10	64QAM	1	25	21.24	21.26	21.28		22	2
10	64QAM	1	49	21.20	21.14	21.21			
10	64QAM	25	0	20.07	20.15	20.07			
10	64QAM	25	12	20.04	20.01	20.09			
10	64QAM	25	25	19.93	19.97	19.89		21	3
10	64QAM	50	0	19.92	20.10	20.00			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.77	22.83	22.73			
5	QPSK	1	12	22.83	23.06	22.94		24	0
5	QPSK	1	24	22.82	22.82	22.80			
5	QPSK	12	0	21.98	22.05	21.96			
5	QPSK	12	7	21.93	21.98	22.01		23	1
5	QPSK	12	13	21.87	21.87	21.88			
5	QPSK	25	0	21.87	21.92	21.98			
5	16QAM	1	0	21.98	22.14	21.94			
5	16QAM	1	12	22.27	22.34	22.20		23	1
5	16QAM	1	24	22.17	22.16	22.15			
5	16QAM	12	0	21.06	21.10	20.99			
5	16QAM	12	7	20.99	20.97	20.92		22	2
5	16QAM	12	13	20.95	21.00	20.82			
5	16QAM	25	0	20.92	20.98	21.00			
5	64QAM	1	0	20.80	20.89	20.82			
5	64QAM	1	12	21.24	21.32	21.29		22	2
5	64QAM	1	24	21.28	21.28	21.17			
5	64QAM	12	0	20.00	20.15	20.07			
5	64QAM	12	7	19.99	20.03	19.96			
5	64QAM	12	13	19.98	20.07	19.99		21	3
5	64QAM	25	0	19.94	20.06	19.88			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.14	22.15	22.19			
3	QPSK	1	8	22.87	22.87	22.82		24	0
3	QPSK	1	14	22.86	22.84	22.83			
3	QPSK	8	0	21.93	22.09	21.88			
3	QPSK	8	4	21.97	21.90	22.02		23	1
3	QPSK	8	7	21.87	21.87	21.80			
3	QPSK	15	0	21.81	21.80	21.89			
3	16QAM	1	0	22.06	22.04	22.00			
3	16QAM	1	8	22.26	22.31	22.21		23	1
3	16QAM	1	14	22.25	22.25	22.12			
3	16QAM	8	0	20.98	21.09	20.95			
3	16QAM	8	4	20.94	20.97	20.92		22	2
3	16QAM	8	7	20.92	20.99	20.89			
3	16QAM	15	0	20.96	20.92	20.95			
3	64QAM	1	0	20.89	20.97	20.86			
3	64QAM	1	8	21.25	21.37	21.28		22	2
3	64QAM	1	14	21.17	21.20	21.06			
3	64QAM	8	0	20.98	20.99	20.95			
3	64QAM	8	4	20.93	20.92	19.94		21	3
3	64QAM	8	7	19.93	20.01	19.94			
3	64QAM	15	0	19.99	19.97	19.95			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.78	22.73	22.71			
1.4	QPSK	1	3	22.92	23.02	22.95		24	0
1.4	QPSK	1	5	22.88	22.84	22.91			
1.4	QPSK	3	0	22.83	22.71	22.85			
1.4	QPSK	3	1	22.90	22.98	22.89			
1.4	QPSK	3	3	22.86	22.77	22.91		23	1
1.4	16QAM	6	0	21.96	21.98	21.89			
1.4	16QAM	1	0	22.09	22.03	22.00			
1.4	16QAM	1	3	22.21	22.33	22.32		23	1
1.4	16QAM	1	5	22.17	22.13	22.15			
1.4	16QAM	3	0	22.09	21.98	21.87			
1.4	16QAM	3	1	22.16	22.24	22.31			
1.4	16QAM	3	3	22.13	22.10	22.12			
1.4	16QAM	6	0	20.90	21.00	20.91		22	2
1.4	64QAM	1	0	20.86	20.91	20.93			
1.4	64QAM	1	3	21.16	21.28	21.19			
1.4	64QAM	1	5	21.10	21.22	21.09		22	2
1.4	64QAM	3	0	20.77	20.86	20.90			
1.4	64QAM	3	1	21.05	21.21	21.11			
1.4	64QAM	3	3	20.98	21.17	20.99			
1.4	64QAM	6	0	19.95	20.02	20.03		21	3

LTE Band 38_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				37850	38000	38150			
Frequency (MHz)				22.89	22.94	22.75			
20	QPSK	1	0	22.89	22.94	22.75	24	0	
20	QPSK	1	49	22.99	23.03	22.82			
20	QPSK	1	99	22.48	22.54	22.34			
20	QPSK	50	0	21.83	21.91	21.72			
20	QPSK	50	24	21.85	21.89	21.67			
20	QPSK	50	50	21.72	21.79	21.62	23	1	
20	QPSK	100	0	21.81	21.86	21.69			
20	16QAM	1	0	22.01	22.04	21.86			
20	16QAM	1	49	22.09	22.16	21.99			
20	16QAM	1	99	21.96	21.99	21.44			
20	16QAM	50	0	20.89	20.95	20.73	22	2	
20	16QAM	50	24	20.90	20.97	20.77			
20	16QAM	50	50	20.77	20.85	20.23			
20	16QAM	100	0	20.81	20.88	20.69			
20	64QAM	1	0	20.81	20.84	20.45			
20	64QAM	1	49	20.72	20.75	20.36	22	2	
20	64QAM	1	99	20.16	20.24	20.06			
20	64QAM	50	0	19.86	19.90	19.72			
20	64QAM	50	24	19.90	19.97	19.77			
20	64QAM	50	50	19.76	19.81	19.62			
20	64QAM	100	0	19.82	19.88	19.70	21	3	
Channel				37825	38000	38175			
Frequency (MHz)				22.82	22.91	22.70			
15	QPSK	1	0	22.82	22.91	22.70	24	0	
15	QPSK	1	37	22.99	22.92	22.69			
15	QPSK	1	74	22.43	22.40	22.27			
15	QPSK	36	0	21.71	21.84	21.67			
15	QPSK	36	20	21.78	21.75	21.54			
15	QPSK	36	39	21.67	21.71	21.62	23	1	
15	QPSK	75	0	21.72	21.86	21.59			
15	16QAM	1	0	21.98	22.03	21.77			
15	16QAM	1	37	22.06	22.04	21.91			
15	16QAM	1	74	21.56	21.63	21.34			
15	16QAM	36	0	20.83	20.94	20.67	22	2	
15	16QAM	36	20	20.84	20.99	20.78			
15	16QAM	36	39	20.66	20.81	20.34			
15	16QAM	75	0	20.79	20.80	20.63			
15	64QAM	1	0	20.53	20.59	20.34			
15	64QAM	1	37	20.71	20.75	20.44	22	2	
15	64QAM	1	74	20.08	20.13	20.05			
15	64QAM	36	0	19.81	19.83	19.60			
15	64QAM	36	20	19.85	19.96	19.76			
15	64QAM	36	39	19.71	19.79	19.54			
15	64QAM	75	0	19.77	19.83	19.60	21	3	
Channel				37800	38000	38200			
Frequency (MHz)				22.81	22.94	22.68			
10	QPSK	1	0	22.74	22.94	22.68	24	0	
10	QPSK	1	25	22.96	22.97	22.71			
10	QPSK	1	49	22.48	22.41	22.26			
10	QPSK	25	0	21.69	21.63	21.58			
10	QPSK	25	12	21.82	21.83	21.55			
10	QPSK	25	25	21.68	21.73	21.62	23	1	
10	QPSK	50	0	21.70	21.85	21.68			
10	16QAM	1	0	21.86	21.92	21.72			
10	16QAM	1	25	22.04	22.15	21.91			
10	16QAM	1	49	21.56	21.62	21.44			
10	16QAM	25	0	20.87	20.90	20.58	22	2	
10	16QAM	25	12	20.80	20.84	20.69			
10	16QAM	25	25	20.69	20.75	20.48			
10	16QAM	50	0	20.77	20.85	20.60			
10	64QAM	1	0	20.53	20.56	20.45			
10	64QAM	1	25	20.57	20.71	20.45	22	2	
10	64QAM	1	49	20.12	20.20	20.03			
10	64QAM	25	0	19.77	19.79	19.70			
10	64QAM	25	12	19.84	19.93	19.75			
10	64QAM	25	25	19.63	19.77	19.59			
10	64QAM	50	0	19.80	19.77	19.64	21	3	
Channel				37775	38000	38225			
Frequency (MHz)				22.73	22.94	22.52			
5	QPSK	1	0	22.69	22.92	22.52	24	0	
5	QPSK	1	12	22.95	23.00	22.71			
5	QPSK	1	24	22.47	22.48	22.27			
5	QPSK	12	0	21.69	21.90	21.66			
5	QPSK	12	7	21.79	21.81	21.56			
5	QPSK	12	13	21.62	21.71	21.61	23	1	
5	QPSK	25	0	21.75	21.81	21.61			
5	16QAM	1	0	21.88	21.98	21.85			
5	16QAM	1	12	22.05	22.08	21.98			
5	16QAM	1	24	21.54	21.54	21.45			
5	16QAM	12	0	20.88	20.92	20.67	22	2	
5	16QAM	12	7	20.75	20.88	20.67			
5	16QAM	12	13	20.76	20.76	20.50			
5	16QAM	25	0	20.69	20.74	20.66			
5	64QAM	1	0	20.51	20.54	20.44			
5	64QAM	1	12	20.72	20.74	20.41	22	2	
5	64QAM	1	24	20.03	20.18	20.20			
5	64QAM	12	0	19.86	19.76	19.59			
5	64QAM	12	7	19.77	19.93	19.63			
5	64QAM	12	13	19.66	19.67	19.56			
5	64QAM	25	0	19.70	19.78	19.59	21	3	
Channel				37750	38000	38250			
Frequency (MHz)				22.68	22.94	22.51			

Reduced Power for DS12

GSM900_Ant 0				Burst Average Power (dBm)				Tune-up				Frame Average Power (dBm)				Tune-up			
Tx Channel				198	186	241	Limit	198				198	186	241	Limit	198			
Frequency (MHz)				824.2	836.4	848.8		824.2				824.2	836.4	848.8		824.2			
GSM 1 Tx slot				32.32	32.37	32.31	33.80	23.32				23.32	23.37	23.31		23.31			
GPRS 1 Tx slot				32.30	32.36	32.30	33.80	23.30				23.30	23.36	23.30		23.30			
GPRS 2 Tx slot				30.29	30.38	30.28	31.60	24.29				24.29	24.38	24.28	25.50	24.28			
GPRS 3 Tx slot				28.23	28.31	28.21	29.80	23.97				23.97	24.05	23.95		23.95			
GPRS 4 Tx slot				26.36	26.43	26.33	27.80	23.36				23.36	23.43	23.33		23.33			
EDGE 1 Tx slot				26.27	26.34	26.24	27.80	17.27				17.27	17.34	17.24		18.50			
EDGE 2 Tx slot				24.77	24.82	24.75	25.80	18.77				18.77	18.82	18.75		19.50			
EDGE 3 Tx slot				22.68	22.75	22.66	23.80	18.40				18.40	18.48	18.40		19.24			
EDGE 4 Tx slot				20.11	20.19	20.11	21.00	17.11				17.11	17.19	17.11		18.00			

GSM1900_Ant 0				Burst Average Power (dBm)				Tune-up				Frame Average Power (dBm)				Tune-up			
Tx Channel				1512	1661	1810	Limit	1512				1512	1661	1810	Limit	1512			
Frequency (MHz)				1852.4	1880	1909.8		1852.4				1852.4	1880	1909.8		1852.4			
GSM 1 Tx slot				29.91	29.68	29.52	30.80	20.91				20.91	20.68	20.52		21.50			
GPRS 1 Tx slot				29.91	29.70	29.55	30.80	20.91				20.91	20.70	20.55		21.50			
GPRS 2 Tx slot				27.55	27.37	27.20	28.80	21.55				21.55	21.37	21.20	22.50	21.20			
GPRS 3 Tx slot				25.57	25.38	25.24	26.80	21.31				21.31	21.12	20.98		22.24			
GPRS 4 Tx slot				23.60	23.41	23.29	24.80	20.60				20.60	20.41	20.29		21.50			
EDGE 1 Tx slot				26.02	25.81	25.45	26.50	17.02				17.02	16.81	16.45		17.50			
EDGE 2 Tx slot				24.24	24.21	24.14	24.50	18.24				18.24	18.21	18.14		18.50			
EDGE 3 Tx slot				22.46	22.23	22.09	22.80	18.20				18.20	17.97	17.83		18.24			
EDGE 4 Tx slot				20.31	20.12	19.96	20.80	17.31				17.31	17.12	16.96		17.50			

WCDMA_State12

Band				WCDMA_U_Ant 0				Tune-up				WCDMA_TV_Ant 0				Tune-up			
Tx Channel				8262	8600	8938	Limit	1312				1312	1413	1513	Limit	4132			
Rx Channel				8662	8800	8938		1537				1537	1638	1738		4357			
Frequency (MHz)				1632.4	1690	1767.6		1712.4				1712.4	1732.6	1752.6		826.4			
3GPP Rel 99 AMR 12.2Kbps				22.82	23.35	22.80	24.00	23.03				23.11	23.11	23.07	24.00	22.88			
3GPP Rel 99 RMC 12.2Kbps				22.84	23.30	22.86	24.00	23.11				23.12	23.10	24.00	22.90	22.95	22.83	24.00	
3GPP Rel 6 HSDPA Subtest-1				21.68	21.84	21.77	23.00	21.95				21.92	21.98	23.00	21.70	21.67	21.64	23.00	
3GPP Rel 6 HSDPA Subtest-2				21.60	21.77	21.62	23.00	21.83				21.86	21.86	23.00	21.58	21.54	21.59	23.00	
3GPP Rel 6 HSDPA Subtest-3				21.14	21.27	21.16	22.50	21.34				21.35	21.39	22.50	21.07	21.02	21.11	22.50	
3GPP Rel 6 HSDPA Subtest-4				21.05	21.21	21.17	22.50	21.38				21.32	21.39	22.50	21.08	20.97	21.02	22.50	
3GPP Rel 6 DC-HSDPA Subtest-1				21.54	21.84	21.68	23.00	21.83				21.87	21.91	23.00	21.68	21.61	21.54	23.00	
3GPP Rel 6 DC-HSDPA Subtest-2				21.46	21.72	21.51	23.00	21.72				21.75	21.72	23.00	21.46	21.41	21.48	23.00	
3GPP Rel 6 DC-HSDPA Subtest-3				21.07	21.16	21.12	22.50	21.33				21.34	21.28	22.50	20.98	20.93	21.02	22.50	
3GPP Rel 6 DC-HSDPA Subtest-4				20.97	21.17	21.07	22.50	21.27				21.18	21.25	22.50	20.97	20.89	21.02	22.50	
3GPP Rel 6 HSUPA Subtest-1				20.60	20.29	20.38	21.50	20.49				20.49	20.50	21.50	20.27	20.23	20.26	21.50	
3GPP Rel 6 HSUPA Subtest-2				20.25	20.37	20.35	21.50	20.48				20.42	20.52	21.50	20.27	20.23	20.21	21.50	
3GPP Rel 6 HSUPA Subtest-3				21.24	21.35	21.30	22.50	21.50				21.49	21.48	22.50	21.24	21.10	21.21	22.50	
3GPP Rel 6 HSUPA Subtest-4				19.78	19.84	19.85	21.00	19.97				19.95	19.94	21.00	19.81	19.86	19.78	21.00	
3GPP Rel 6 HSUPA Subtest-5				21.25	21.25	21.15	22.50	21.45				21.45	21.45	22.50	21.15	21.05	21.15	22.50	
3GPP Rel 7 HSPA+ (16QAM) Subtest-1				20.14	20.34	20.22	21.50	20.36				20.47	20.41	21.50	20.25	20.09	20.19	21.50	

Band 2_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											
Frequency (MHz)				18670	18680	19100					
20	QPSK	1	0	22.66	22.68	22.65	24	0			
20	QPSK	1	48	22.89	23.00	22.87					
20	QPSK	1	96	22.88	22.70	22.87					
20	QPSK	50	0	21.89	21.93	21.90					
20	QPSK	50	50	21.85	21.87	21.86	23	1			
20	QPSK	100	0	21.89	21.96	21.93					
20	16QAM	1	0	21.96	21.96	21.93					
20	16QAM	1	48	22.19	22.23	22.22					
20	16QAM	1	96	22.03	22.05	21.99	23	1			
20	16QAM	50	0	20.90	20.91	20.88					
20	16QAM	50	24	20.87	20.87	20.82					
20	16QAM	50	50	20.91	20.92	20.87					
20	16QAM	100	0	20.90	20.92	20.87	22	2			
20	64QAM	1	0	20.82	20.84	20.82					
20	64QAM	1	48	21.13	21.13	21.08					
20	64QAM	1	96	20.88	20.88	20.83					
20	64QAM	50	0	19.93	19.92	19.91	22	2			
20	64QAM	50	24	19.87	19.91	19.85					
20	64QAM	50	50	19.97	19.98	19.92					
20	64QAM	100	0	19.89	19.93	19.92					
Channel											
Frequency (MHz)				18675	18690	19125	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	0	22.54	22.63	22.62	24	0			
15	QPSK	1	37	22.86	22.80	22.77					
15	QPSK	1	74	22.59	22.62	22.52					
15	QPSK	36	0	21.87	21.84	21.88					
15	QPSK	36	20	21.82	21.86	21.74	23	1			
15	QPSK	36	36	21.84	21.78	21.86					
15	QPSK	75	0	21.83	21.77	21.72					
15	16QAM	1	0	21.85	21.90	21.93					
15	16QAM	1	37	22.04	22.19	22.18	23	1			
15	16QAM	1	74	21.94	21.94	21.87					
15	16QAM	36	0	20.80	20.80	20.79					
15	16QAM	36	20	20.83	20.75	20.82					
15	16QAM	36	36	20.86	20.85	20.85	22	2			
15	16QAM	75	0	20.81	20.90	20.80					
15	64QAM	1	0	20.70	20.72	20.71					
15	64QAM	1	37	21.08	21.02	20.97					
15	64QAM	1	74	20.80	20.83	20.74	22	2			
15	64QAM	36	0	19.90	19.77	19.91					
15	64QAM	36	20	19.75	19.88	19.77					
15	64QAM	36	36	19.83	19.87	19.87					
15	64QAM	75	0	19.81	19.89	19.87	21	3			
Channel											
Frequency (MHz)				18650	18690	19150	Tune-up limit (dBm)			MPR (dB)	
10	QPSK	1	0	22.64	22.59	22.64	24	0			
10	QPSK	1	25	22.87	22.83	22.77					
10	QPSK	1	48	22.54	22.67	22.59					
10	QPSK	25	0	21.86	21.88	21.80					
10	QPSK	25	12	21.74	21.83	21.82	23	1			
10	QPSK	25	25	21.74	21.76	21.77					
10	QPSK	50	0	21.85	21.77	21.78					
10	16QAM	1	0	21.96	21.87	21.88					
10	16QAM	1	25	22.18	22.16	22.11	23	1			
10	16QAM	1	48	21.95	22.05	21.88					
10	16QAM	25	0	20.81	20.86	20.87					
10	16QAM	25	12	20.73	20.77	20.80					
10	16QAM	25	25	20.87	20.92	20.83	22	2			
10	16QAM	50	0	20.85	20.85	20.82					
10	64QAM	1	0	20.82	20.72	20.74					
10	64QAM	1	25	21.00	21.09	21.06					
10	64QAM	1	48	20.88	20.84	20.76	22	2			
10	64QAM	25	0	19.87	19.85	19.87					
10	64QAM	25	12	19.79	19.89	19.71					
10	64QAM	25	25	19.90	19.90	19.83					
10	64QAM	50	0	19.74	19.92	19.92	21	3			
Channel											
Frequency (MHz)				18625	18690	19075	Tune-up limit (dBm)			MPR (dB)	
5	QPSK	1	0	22.63	22.66	22.64	24	0			
5	QPSK	1	12	22.83	22.80	22.82					
5	QPSK	1	24	22.60	22.69	22.64					
5	QPSK	12	0	21.77	21.80	21.86					
5	QPSK	12	7	21.75	21.89	21.77	23	1			
5	QPSK	12	13	21.81	21.81	21.82					
5	QPSK	25	0	21.79	21.80	21.76					
5	16QAM	1	0	21.82	21.92	21.80					
5	16QAM	1	12	22.10	22.15	22.11	23	1			
5	16QAM	1	24	21.94	21.96	21.93					
5	16QAM	12	0	20.75	20.86	20.84					
5	16QAM	12	7	20.86	20.79	20.76					
5	16QAM	12	13	20.91	20.86	20.87	22	2			
5	16QAM	25	0	20.88	20.90	20.85					
5	64QAM	1	0	20.70	20.76	20.71					
5	64QAM	1	12	21.07	21.06	20.96					
5	64QAM	1	24	20.83	20.80	20.76	22	2			
5	64QAM	12	0	19.79	19.79	19.89					
5	64QAM	12	7	19.79	19.82	19.72					
5	64QAM	12	13	19.86	19.91	19.84					
5	64QAM	25	0	19.74	19.90	19.83	21	3			
Channel											
Frequency (MHz)				18615	18690	19185	Tune-up limit (dBm)			MPR (dB)	
3	QPSK	1	0	22.61	22.66	22.61	24	0			
3	QPSK	1	8	22.82	22.83	22.75					
3	QPSK	1	14	22.56	22.62	22.55					
3	QPSK	8	0	21.84	21.93	21.87					
3	QPSK	8	4	21.74	21.88	21.83	23	1			
3	QPSK	8	7	21.74	21.75	21.71					
3	QPSK	15	0	21.86	21.87	21.80					
3	16QAM	1	0	21.88	21.95	21.84					
3	16QAM	1	8	22.17	22.18	22.12	23	1			
3	16QAM	1	14	21.96	22.05	21.98					
3	16QAM	8	0	20.90	20.84	20.85					
3	16QAM	8	4	20.72	20.72	20.82					
3	16QAM	8	7	20.88	20.84	20.83	22	2			
3	16QAM	15	0	20.82	20.80	20.81					
3	64QAM	1	0	20.74	20.77	20.69					
3	64QAM	1	8	21.11	21.11	21.05					
3	64QAM	1	14	20.79	20.84	20.68	22	2			
3	64QAM	8	0	19.93	19.77	19.91					
3	64QAM	8	4	19.74	19.91	19.81					
3	64QAM	8	7	19.86	19.96	19.85					
3	64QAM	15	0	19.87	19.93	19.87	21	3			
Channel											
Frequency (MHz)				18607	18690	19193	Tune-up limit (dBm)			MPR (dB)	
1.4	QPSK	1	0	22.63	22.65	22.67	24	0			
1.4	QPSK	1	3	22.84	22.83	22.72					
1.4	QPSK	1	5	22.66	22.61	22.52					
1.4	QPSK	3	0	22.51	22.51	22.43					
1.4	QPSK	3	1	22.83	22.71	22.64	23	1			
1.4	QPSK	3	3	22.59	22.51	22.38					
1.4	QPSK	6	0	21.80	21.79	21.85					
1.4	16QAM	1	0	21.93	21.91	21.84					
1.4	16QAM	1	3	22.18	22.18	22.09	23	1			
1.4	16QAM	1	5	21.91	22.01	21.96					
1.4	16QAM	3	0	21.80	21.81	21.73					
1.4	16QAM	3	1	22.14	22.13	22.05					
1.4	16QAM	3	3	21.85	21.90	21.87	22	2			
1.4	16QAM	6	0	21.78	21.90	21.81					
1.4	64QAM	1	0	20.70	20.72	20.82					
1.4	64QAM	1	3	21.09	21.01	21.08					
1.4	64QAM	1	5	21.73	20.85	20.82	22	2			
1.4	64QAM	3	0	20.64	20.60	20.68					
1.4	64QAM	3	1	20.95	20.98	21.00					
1.4	64QAM	3	3	20.62	20.72	20.78					
1.4	64QAM	3	5	21.78	20.86	20.81	21	3			
1.4	64QAM	6	0	19.85	19.95	19.87					

Band 5_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												
Frequency (MHz)												
20450 20455 20460												
10	QPSK	1	0	22.72	22.76	22.74	24	0				
10	QPSK	1	25	22.80	22.82	22.79						
10	QPSK	1	49	22.67	22.71	22.69						
10	QPSK	25	0	21.77	21.81	21.76						
10	QPSK	25	12	21.76	21.78	21.73	23	1				
10	QPSK	25	25	21.75	21.79	21.76						
10	QPSK	50	0	21.73	21.80	21.76						
10	16QAM	1	0	22.03	22.05	22.01						
10	16QAM	1	25	22.06	22.12	22.08	23	1				
10	16QAM	1	49	21.94	21.97	21.96						
10	16QAM	25	0	20.75	20.79	20.78						
10	16QAM	25	12	20.72	20.77	20.76						
10	16QAM	25	25	20.77	20.81	20.79	22	2				
10	16QAM	50	0	20.80	20.83	20.83						
10	64QAM	1	0	20.88	20.91	20.86						
10	64QAM	1	25	20.96	21.01	21.01						
10	64QAM	1	49	20.92	20.88	20.88	22	2				
10	64QAM	25	0	19.80	19.84	19.83						
10	64QAM	25	12	19.80	19.86	19.85						
10	64QAM	25	25	19.87	19.89	19.87						
10	64QAM	50	0	19.82	19.87	19.86	21	3				
Channel												
20465 20470 20475												
Frequency (MHz)												
5	QPSK	1	0	22.66	22.63	22.74	24	0				
5	QPSK	1	12	22.79	22.75	22.66						
5	QPSK	1	24	22.57	22.61	22.61						
5	QPSK	12	0	21.71	21.72	21.61						
5	QPSK	12	7	21.72	21.71	21.62	23	1				
5	QPSK	12	13	21.69	21.66	21.69						
5	QPSK	25	0	21.70	21.67	21.66						
5	16QAM	1	0	21.99	22.05	21.90						
5	16QAM	1	12	22.03	21.98	22.06	23	1				
5	16QAM	1	24	21.89	21.90	21.82						
5	16QAM	12	0	20.69	20.71	20.76						
5	16QAM	12	7	20.72	20.66	20.76						
5	16QAM	12	13	20.69	20.73	20.66	22	2				
5	16QAM	25	0	20.67	20.70	20.77						
5	64QAM	1	0	20.88	20.85	20.75						
5	64QAM	1	12	20.92	20.87	20.95						
5	64QAM	1	24	20.80	20.79	20.73	22	2				
5	64QAM	12	0	19.75	19.69	19.72						
5	64QAM	12	7	19.71	19.74	19.84						
5	64QAM	12	13	19.73	19.76	19.72						
5	64QAM	25	0	19.79	19.82	19.79	21	3				
Channel												
20480 20485 20490												
Frequency (MHz)												
3	QPSK	1	0	22.64	22.76	22.67	24	0				
3	QPSK	1	8	22.80	22.78	22.71						
3	QPSK	1	14	22.54	22.61	22.67						
3	QPSK	8	0	21.76	21.74	21.75						
3	QPSK	8	4	21.67	21.72	21.61	23	1				
3	QPSK	8	7	21.69	21.73	21.71						
3	QPSK	15	0	21.71	21.77	21.75						
3	16QAM	1	0	21.97	22.05	21.90						
3	16QAM	1	8	21.95	22.02	22.06	23	1				
3	16QAM	1	14	21.94	21.87	21.87						
3	16QAM	8	0	20.61	20.66	20.63						
3	16QAM	8	4	20.64	20.77	20.62						
3	16QAM	8	7	20.74	20.80	20.78	22	2				
3	16QAM	15	0	20.69	20.77	20.69						
3	64QAM	1	0	20.74	20.84	20.82						
3	64QAM	1	8	20.95	20.98	20.96						
3	64QAM	1	14	20.69	20.87	20.81	22	2				
3	64QAM	8	0	19.75	19.83	19.68						
3	64QAM	8	4	19.78	19.78	19.77						
3	64QAM	8	7	19.75	19.85	19.72						
3	64QAM	15	0	19.67	19.75	19.81	21	3				
Channel												
20495 20500 20505												
Frequency (MHz)												
1.4	QPSK	1	0	22.67	22.61	22.72	24	0				
1.4	QPSK	1	3	22.72	22.79	22.78						
1.4	QPSK	1	5	22.66	22.69	22.67						
1.4	QPSK	3	0	22.60	22.56	22.70						
1.4	QPSK	3	1	22.62	22.64	22.69	23	1				
1.4	QPSK	3	3	22.51	22.61	22.58						
1.4	QPSK	6	0	21.62	21.69	21.67						
1.4	16QAM	1	0	21.91	21.99	22.01						
1.4	16QAM	1	3	22.04	22.06	21.97	23	1				
1.4	16QAM	1	5	21.84	21.97	21.92						
1.4	16QAM	3	0	21.87	21.88	21.96						
1.4	16QAM	3	1	21.84	21.84	21.88						
1.4	16QAM	3	3	21.73	21.87	21.78	22	2				
1.4	16QAM	6	0	20.76	20.80	20.72						
1.4	64QAM	1	0	20.79	20.89	20.74						
1.4	64QAM	1	3	20.90	20.97	21.00						
1.4	64QAM	1	5	20.69	20.73	20.81	22	2				
1.4	64QAM	3	0	20.74	20.85	20.71						
1.4	64QAM	3	1	20.81	20.92	20.88						
1.4	64QAM	3	3	20.57	20.61	20.72						
1.4	64QAM	6	0	19.78	19.74	19.81	21	3				
Channel												
20510 20515 20520												
Frequency (MHz)												

Band 7_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												
Frequency (MHz)												
				20850	21100	21350						
20	QPSK	1	0	22.77	22.80	22.72	24	0				
20	QPSK	1	49	22.84	22.89	22.83						
20	QPSK	1	99	22.82	22.84	22.58						
20	QPSK	50	0	21.91	21.96	21.87						
20	QPSK	50	24	21.91	21.94	21.88	23	1				
20	QPSK	50	50	21.89	21.93	21.85						
20	QPSK	100	0	21.89	21.92	21.86						
20	16QAM	1	0	22.07	22.11	22.06						
20	16QAM	1	49	22.23	22.25	22.16	23	1				
20	16QAM	1	99	21.91	21.95	21.83						
20	16QAM	50	0	20.91	20.92	20.83						
20	16QAM	50	24	20.87	20.91	20.83						
20	16QAM	50	50	20.91	20.92	20.87	22	2				
20	16QAM	100	0	20.88	20.90	20.81						
20	64QAM	1	0	20.94	20.96	20.87						
20	64QAM	1	49	21.07	21.11	21.04						
20	64QAM	1	99	20.81	20.84	20.70	22	2				
20	64QAM	50	0	19.84	19.86	19.80						
20	64QAM	50	24	19.93	19.94	19.88						
20	64QAM	50	50	19.92	19.92	19.87						
20	64QAM	100	0	19.89	19.92	19.85	21	3				
Channel												
				20865	21100	21350						
Frequency (MHz)												
15	QPSK	1	0	22.70	22.69	22.59	24	0				
15	QPSK	1	37	22.83	22.92	22.92						
15	QPSK	1	74	22.82	22.83	22.62						
15	QPSK	36	0	21.78	21.84	21.79						
15	QPSK	36	20	21.86	21.88	21.76	23	1				
15	QPSK	36	39	21.84	21.85	21.70						
15	QPSK	75	0	21.83	21.77	21.78						
15	16QAM	1	0	21.94	22.03	22.03						
15	16QAM	1	37	22.13	22.22	22.06	23	1				
15	16QAM	1	74	21.90	21.80	21.75						
15	16QAM	36	0	20.87	20.91	20.68						
15	16QAM	36	20	20.83	20.91	20.71						
15	16QAM	36	39	20.85	20.90	20.87	22	2				
15	16QAM	75	0	20.79	20.82	20.74						
15	16QAM	1	0	20.87	20.89	20.78						
15	64QAM	1	37	20.99	21.01	21.00						
15	64QAM	1	74	20.66	20.80	20.72	22	2				
15	64QAM	36	0	19.86	19.86	19.87						
15	64QAM	36	20	19.93	19.92	19.77						
15	64QAM	36	39	19.89	19.90	19.75						
15	64QAM	75	0	19.87	19.82	19.78	21	3				
Channel												
				20865	20865	20865						
Frequency (MHz)												
10	QPSK	1	0	22.70	22.80	22.71	24	0				
10	QPSK	1	25	22.85	22.84	22.82						
10	QPSK	1	49	22.81	22.58	22.82						
10	QPSK	25	0	21.91	21.88	21.72						
10	QPSK	25	12	21.90	21.83	21.75	23	1				
10	QPSK	25	25	21.74	21.86	21.80						
10	QPSK	60	0	21.78	21.84	21.78						
10	16QAM	1	0	22.04	21.99	21.95						
10	16QAM	1	25	21.79	21.78	22.01	22	1				
10	16QAM	1	49	21.83	21.85	21.85						
10	16QAM	25	0	20.79	20.86	20.71						
10	16QAM	25	12	20.73	20.89	20.77						
10	16QAM	25	25	20.85	20.91	20.76	22	2				
10	16QAM	60	0	20.77	20.89	20.81						
10	64QAM	1	0	20.94	20.88	20.73						
10	64QAM	1	25	20.96	21.06	20.98						
10	64QAM	1	49	20.80	20.83	20.73	22	2				
10	64QAM	25	0	19.85	19.86	19.79						
10	64QAM	25	12	19.81	19.82	19.76						
10	64QAM	25	25	19.77	19.69	19.78						
10	64QAM	60	0	19.81	19.92	19.80	21	3				
Channel												
				2505.5	2535	2597.5						
Frequency (MHz)												
5	QPSK	1	0	22.68	22.70	22.65	24	0				
5	QPSK	1	12	22.81	22.58	22.84						
5	QPSK	1	24	22.48	22.51	22.51						
5	QPSK	12	0	21.85	21.82	21.82						
5	QPSK	12	7	21.86	21.86	21.84	23	1				
5	QPSK	12	13	21.85	21.82	21.82						
5	QPSK	25	0	21.76	21.78	21.63						
5	16QAM	1	0	22.07	21.96	21.94						
5	16QAM	1	12	22.17	22.19	22.13	23	1				
5	16QAM	1	24	21.76	21.84	21.78						
5	16QAM	12	0	20.83	20.82	20.69						
5	16QAM	12	7	20.63	20.63	20.75						
5	16QAM	13	12	20.77	20.78	20.76	22	2				
5	16QAM	25	0	20.75	20.86	20.67						
5	64QAM	1	0	20.92	20.67	20.62						
5	64QAM	1	12	21.03	21.03	20.80						
5	64QAM	1	24	20.72	20.72	20.67	22	2				
5	64QAM	12	0	19.92	19.81	19.78						
5	64QAM	12	7	19.84	19.84	19.76						
5	64QAM	13	12	19.85	19.87	19.76						
5	64QAM	25	0	19.84	19.80	19.84	21	3				

Band 13_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				23230			24	0	
Frequency (MHz)				782					
10	QPSK	1	0	22.75			23	1	
10	QPSK	1	25	22.91					
10	QPSK	1	49	22.86					
10	QPSK	25	0	21.83					
10	QPSK	25	12	21.82					
10	QPSK	25	25	21.79			23	1	
10	QPSK	50	0	21.80					
10	16QAM	1	0	22.07					
10	16QAM	1	25	22.21					
10	16QAM	1	49	22.04					
10	16QAM	25	0	20.92			22	2	
10	16QAM	25	12	20.95					
10	16QAM	25	25	20.88					
10	16QAM	50	0	20.93					
10	64QAM	1	0	21.05					
10	64QAM	1	25	21.20			22	2	
10	64QAM	1	49	20.82					
10	64QAM	25	0	19.91					
10	64QAM	25	12	19.93					
10	64QAM	25	25	19.88					
10	64QAM	50	0	19.89			21	3	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.63	22.67	22.65	24	0	
5	QPSK	1	12	22.86	22.88	22.90			
5	QPSK	1	24	22.59	22.65	22.62			
5	QPSK	12	0	21.78	21.84	21.78			
5	QPSK	12	7	21.76	21.79	21.81			
5	QPSK	12	13	21.75	21.79	21.78	23	1	
5	QPSK	25	0	21.75	21.77	21.79			
5	16QAM	1	0	22.04	22.10	22.05			
5	16QAM	1	12	22.15	22.18	22.16			
5	16QAM	1	24	22.00	22.05	21.99			
5	16QAM	12	0	20.87	20.89	20.89	22	2	
5	16QAM	12	7	20.92	20.99	20.91			
5	16QAM	12	13	20.84	20.91	20.86			
5	16QAM	25	0	20.90	20.92	20.91			
5	64QAM	1	0	21.03	21.10	21.05			
5	64QAM	1	12	21.15	21.21	21.20	22	2	
5	64QAM	1	24	20.77	20.81	20.77			
5	64QAM	12	0	19.86	19.92	19.89			
5	64QAM	12	7	19.86	19.93	19.91			
5	64QAM	12	13	19.84	19.91	19.83			
5	64QAM	25	0	19.85	19.88	19.84	21	3	

Band 26_Ant 0									
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				26765			24	0	
Frequency (MHz)				824.5					
15	QPSK	1	0	22.64	22.70	22.66	23	1	
15	QPSK	1	37	22.89	22.92	22.87			
15	QPSK	1	74	22.61	22.68	22.67			
15	QPSK	36	0	21.77	21.85	21.79			
15	QPSK	36	20	21.76	21.79	21.78			
15	QPSK	36	39	21.76	21.80	21.77	23	1	
15	QPSK	75	0	21.75	21.78	21.73			
15	16QAM	1	0	21.86	21.92	21.90			
15	16QAM	1	37	22.20	22.23	22.20			
15	16QAM	1	74	21.83	21.91	21.89			
15	16QAM	36	0	20.73	20.76	20.72	22	2	
15	16QAM	36	20	20.73	20.79	20.73			
15	16QAM	36	39	20.68	20.75	20.70			
15	16QAM	75	0	20.74	20.80	20.77			
15	64QAM	1	0	20.92	20.95	20.91			
15	64QAM	1	37	21.03	21.11	21.06	22	2	
15	64QAM	1	74	20.76	20.84	20.81			
15	64QAM	36	0	19.80	19.84	19.80			
15	64QAM	36	20	19.82	19.88	19.83			
15	64QAM	36	39	19.78	19.85	19.84			
15	64QAM	75	0	19.80	19.84	19.81	21	3	
Channel				26740	26865	26990			
Frequency (MHz)				813	831.5	844			
10	QPSK	1	0	22.59	22.64	22.59	24	0	
10	QPSK	1	25	22.83	22.84	22.72			
10	QPSK	1	49	22.49	22.64	22.60			
10	QPSK	25	0	21.71	21.79	21.73			
10	QPSK	25	12	21.73	21.79	21.74			
10	QPSK	25	25	21.63	21.78	21.76	23	1	
10	QPSK	50	0	21.67	21.78	21.61			
10	16QAM	1	0	21.71	21.88	21.81			
10	16QAM	1	25	22.09	22.16	22.05			
10	16QAM	1	49	21.72	21.77	21.79			
10	16QAM	25	0	20.65	20.64	20.70	22	2	
10	16QAM	25	12	20.65	20.65	20.70			
10	16QAM	25	25	20.65	20.63	20.64			
10	16QAM	50	0	20.64	20.72	20.76			
10	64QAM	1	0	20.92	20.93	20.86			
10	64QAM	1	25	20.88	21.10	21.01	22	2	
10	64QAM	1	49	20.67	20.74	20.80			
10	64QAM	25	0	19.73	19.84	19.74			
10	64QAM	25	12	19.69	19.82	19.69			
10	64QAM	25	25	19.64	19.83	19.75			
10	64QAM	50	0	19.79	19.69	19.74	21	3	
Channel				26715	26895	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.52	22.69	22.52	24	0	
5	QPSK	1	12	22.84	22.89	22.80			
5	QPSK	1	24	22.61	22.60	22.59			
5	QPSK	12	0	21.63	21.74	21.71			
5	QPSK	12	7	21.75	21.71	21.67			
5	QPSK	12	13	21.73	21.80	21.69	23	1	
5	QPSK	25	0	21.75	21.75	21.67			
5	16QAM	1	0	21.86	21.81	21.81			
5	16QAM	1	12	22.07	22.15	22.07			
5	16QAM	1	24	21.83	21.76	21.74			
5	16QAM	12	0	20.68	20.73	20.68	22	2	
5	16QAM	12	7	20.68	20.77	20.71			
5	16QAM	12	13	20.57	20.69	20.59			
5	16QAM	25	0	20.60	20.71	20.70			
5	64QAM	1	0	20.78	20.93	20.91			
5	64QAM	1	12	21.00	21.04	21.04	22	2	
5	64QAM	1	24	20.71	20.70	20.67			
5	64QAM	12	0	19.74	19.79	19.70			
5	64QAM	12	7	19.81	19.81	19.71			
5	64QAM	12	13	19.66	19.71	19.76			
5	64QAM	25	0	19.79	19.84	19.75	21	3	
Channel				26795	26895	27025			
Frequency (MHz)				816.5	831.5	847.5			
3	QPSK	1	0	22.63	22.55	22.65	24	0	
3	QPSK	1	8	22.81	22.88	22.74			
3	QPSK	1	14	22.56	22.65	22.55			
3	QPSK	8	0	21.70	21.83	21.77			
3	QPSK	8	4	21.64	21.69	21.73			
3	QPSK	8	7	21.69	21.74	21.67	23	1	
3	QPSK	16	0	21.63	21.78	21.68			
3	16QAM	1	0	21.75	21.88	21.90			
3	16QAM	1	8	22.16	22.15	22.20			
3	16QAM	1	14	21.71	21.86	21.77			
3	16QAM	8	0	20.65	20.63	20.70	22	2	
3	16QAM	8	4	20.69	20.71	20.64			
3	16QAM	8	7	20.60	20.66	20.70			
3	16QAM	15	0	20.74	20.85	20.83	22	2	
3	64QAM	1	0	20.78	20.90	20.83			
3	64QAM	1	8	20.90	20.96	20.90			
3	64QAM	1	14	20.66	20.72	20.81			
3	64QAM	8	0	19.79	19.80	19.78			
3	64QAM	8	8	19.81	19.83	19.77	21	3	
3	64QAM	8	7	19.73	19.78	19.82			
3	64QAM	15	0	19.80	19.70	19.78			
Channel				26967	26965	27033			
Frequency (MHz)				843.7	831.5	844.3			
1.4	QPSK	1	0	22.49	22.55	22.61	24	0	
1.4	QPSK	1	3	22.86	22.81	22.77			
1.4	QPSK	1	6	22.52	22.55	22.57			
1.4	QPSK	3	0	22.47	22.50	22.58			
1.4	QPSK	3	1	22.84	22.66	22.67			
1.4	QPSK	3	3	22.50	22.42	22.53	23	1	
1.4	QPSK	3	6	21.67	21.75	21.65			
1.4	16QAM	1	0	21.72	21.91	21.91			
1.4	16QAM	1	3	22.11	22.20	22.19			
1.4	16QAM	3	0	21.77	21.82	21.79			
1.4	16QAM	3	0	21.68	21.84	21.84	23	1	
1.4	16QAM	3	1	22.02	22.06	22.04			
1.4	16QAM	3	3	21.63	21.76	21.77			
1.4	16QAM	6	0	20.72	20.89	20.84			
1.4	64QAM	1	0	20.89	20.83	20.87			
1.4	64QAM	1	3	20.97	20.96	21.00	22	2	
1.4	64QAM	1	6	20.70	20.80	20.79			
1.4	64QAM	3	0	20.74	20.75	20.70			
1.4	64QAM	3	1	20.89	20.91	20.96			
1.4	64QAM	3	3	20.67	20.66	20.65			
1.4	64QAM	6	0	19.69	19.71	19.77	21	3	

Band 66_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												
Frequency (MHz)												
20	QPSK	1	0	22.84	22.87	22.82	24	0				
20	QPSK	1	49	23.07	23.12	23.07						
20	QPSK	1	99	22.92	22.96	22.92						
20	QPSK	50	0	22.08	22.09	22.01						
20	QPSK	50	24	21.99	22.05	22.02	23	1				
20	QPSK	50	50	21.87	22.01	21.83						
20	QPSK	100	0	21.89	22.04	21.89						
20	16QAM	1	0	22.12	22.14	22.04						
20	16QAM	1	49	22.35	22.39	22.34	23	1				
20	16QAM	1	99	22.25	22.26	22.21						
20	16QAM	50	0	21.09	21.10	21.04						
20	16QAM	50	24	21.05	21.08	21.00						
20	16QAM	50	50	21.00	21.04	20.97	22	2				
20	16QAM	100	0	21.02	21.06	21.01						
20	64QAM	1	0	20.98	21.01	20.97						
20	64QAM	1	49	21.31	21.37	21.30						
20	64QAM	1	99	21.21	21.26	21.23	21	3				
20	64QAM	50	0	20.10	20.16	20.13						
20	64QAM	50	24	20.09	20.12	20.09						
20	64QAM	50	50	20.03	20.09	20.04						
20	64QAM	100	0	20.05	20.10	20.03						
Channel							Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)												
15	QPSK	1	0	22.84	22.86	22.80	24	0				
15	QPSK	1	37	23.07	23.12	23.01						
15	QPSK	1	74	22.86	22.86	22.84						
15	QPSK	36	0	22.08	22.00	21.92						
15	QPSK	36	20	21.99	21.98	21.90	23	1				
15	QPSK	36	39	21.85	21.93	21.92						
15	QPSK	75	0	21.99	21.98	21.96						
15	16QAM	1	0	21.99	21.99	21.95						
15	16QAM	1	37	22.32	22.36	22.32	23	1				
15	16QAM	1	74	22.10	22.19	22.10						
15	16QAM	36	0	21.09	21.09	20.98						
15	16QAM	36	20	20.95	21.08	20.93						
15	16QAM	36	39	20.99	20.93	20.94	22	2				
15	16QAM	75	0	20.99	20.93	20.98						
15	64QAM	1	0	20.98	20.97	20.96						
15	64QAM	1	37	21.25	21.31	21.20						
15	64QAM	1	74	21.10	21.25	21.17	21	3				
15	64QAM	36	0	19.96	20.07	20.06						
15	64QAM	36	20	20.03	19.99	19.95						
15	64QAM	36	39	19.96	19.95	20.01						
15	64QAM	75	0	19.92	20.02	19.96						
Channel							Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)												
10	QPSK	1	0	22.76	22.81	22.68	24	0				
10	QPSK	1	25	22.94	23.02	23.01						
10	QPSK	1	49	22.87	22.81	22.85						
10	QPSK	25	0	22.03	22.04	22.00						
10	QPSK	25	12	21.93	21.90	21.95	23	1				
10	QPSK	25	25	21.87	21.98	21.81						
10	QPSK	50	0	21.84	22.04	21.93						
10	16QAM	1	0	22.07	21.99	21.92						
10	16QAM	1	25	22.33	22.31	22.27	23	1				
10	16QAM	1	49	22.22	22.19	22.08						
10	16QAM	25	0	21.04	21.00	21.01						
10	16QAM	25	12	21.03	20.98	20.90						
10	16QAM	25	25	20.96	20.98	20.90	22	2				
10	16QAM	50	0	21.01	21.01	20.96						
10	64QAM	1	0	20.93	20.92	20.86						
10	64QAM	1	25	21.24	21.29	21.28						
10	64QAM	1	49	21.20	21.14	21.21	22	2				
10	64QAM	25	0	20.07	20.15	20.07						
10	64QAM	25	12	20.04	20.01	20.09						
10	64QAM	25	25	19.93	19.97	19.89						
10	64QAM	50	0	19.92	20.10	20.00	21	3				
Channel										Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)												
5	QPSK	1	0	22.77	22.83	22.78				24	0	
5	QPSK	1	12	22.93	23.06	22.94						
5	QPSK	1	24	22.92	22.82	22.90						
5	QPSK	12	0	21.98	22.05	21.96						
5	QPSK	12	7	21.93	21.98	22.01	23	1				
5	QPSK	12	13	21.87	21.87	21.88						
5	QPSK	25	0	21.87	21.92	21.98						
5	16QAM	1	0	21.98	22.14	21.94						
5	16QAM	1	12	22.27	22.34	22.29	23	1				
5	16QAM	1	24	22.17	22.16	22.15						
5	16QAM	12	0	21.08	21.10	20.99						
5	16QAM	12	7	20.99	20.97	20.92						
5	16QAM	12	13	20.95	21.00	20.82	22	2				
5	16QAM	25	0	20.92	20.98	21.00						
5	64QAM	1	0	20.86	20.88	20.82						
5	64QAM	1	12	21.24	21.32	21.29						
5	64QAM	1	24	21.09	21.26	21.17	21	3				
5	64QAM	12	0	20.00	20.15	20.07						
5	64QAM	12	7	19.99	20.03	19.96						
5	64QAM	12	13	19.97	20.07	19.99						
5	64QAM	25	0	19.94	20.06	19.88						
Channel							Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)												
3	QPSK	1	0	22.74	22.81	22.78	24	0				
3	QPSK	1	8	22.97	22.97	22.92						
3	QPSK	1	14	22.86	22.94	22.83						
3	QPSK	8	0	21.93	22.09	21.96						
3	QPSK	8	4	21.97	21.90	22.02	23	1				
3	QPSK	8	7	21.87	21.87	21.80						
3	QPSK	15	0	21.81	21.80	21.89						
3	16QAM	1	0	22.06	22.04	22.00						
3	16QAM	1	8	22.26	22.31	22.21	23	1				
3	16QAM	1	14	22.25	22.25	22.12						
3	16QAM	8	0	20.98	21.09	20.95						
3	16QAM	8	4	20.94	20.97	20.92						
3	16QAM	8	7	20.92	20.99	20.89	22	2				
3	16QAM	15	0	20.96	20.92	20.95						
3	64QAM	1	0	20.89	20.97	20.90						
3	64QAM	1	8	21.25	21.37	21.26						
3	64QAM	1	14	21.17	21.20	21.06	22	2				
3	64QAM	8	0	20.98	20.99	20.95						
3	64QAM	8	4	20.93	20.92	19.94						
3	64QAM	8	7	19.93	20.01	19.94						
3	64QAM	15	0	19.99	19.97	19.95	21	3				
Channel										Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)												
1.4	QPSK	1	0	22.77	22.73	22.77				24	0	
1.4	QPSK	1	3	22.92	23.02	22.95						
1.4	QPSK	1	5	22.88	22.84	22.91						
1.4	QPSK	3	0	22.83	22.71	22.85						
1.4	QPSK	3	1	22.90	22.98	22.86	23	1				
1.4	QPSK	3	3	22.86	22.77	22.91						
1.4	QPSK	6	0	21.96	21.98	21.89						
1.4	16QAM	1	0	22.09	22.03	22.00						
1.4	16QAM	1	3	22.21	22.33	22.32	23	1				
1.4	16QAM	1	5	22.17	22.13	22.15						
1.4	16QAM	3	0	22.09	21.98	21.87						
1.4	16QAM	3	1	22.16	22.24	22.31						
1.4	16QAM	3	3	22.13	22.10	22.12	22	2				
1.4	16QAM	6	0	20.90	21.00	20.91						
1.4	64QAM	1	0	20.86	20.91	20.93						
1.4	64QAM	1	3	21.16	21.28	21.19	22	2				
1.4	64QAM	1	5	21.10	21.21	21.09						
1.4	64QAM	3	0	20.77	20.86	20.90						
1.4	64QAM	3	1	21.05	21.21	21.11						
1.4	64QAM	3	3	20.96	21.17	20.99	21	3				
1.4	64QAM	6	0	19.95	20.02	19.94						
1.4	64QAM	6	0	19.95	20.02	19.94						
1.4	64QAM	6	0	19.95	20.02	19.94						

LTE Band 38_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				37850	38000	38150			
Frequency (MHz)				22.89	22.94	22.75			
20	QPSK	1	0	22.89	22.94	22.75	24	0	
20	QPSK	1	49	22.99	23.03	22.82			
20	QPSK	1	99	22.48	22.54	22.34			
20	QPSK	50	0	21.83	21.91	21.72			
20	QPSK	50	24	21.85	21.89	21.67			
20	QPSK	50	50	21.72	21.79	21.62	23	1	
20	QPSK	100	0	21.81	21.86	21.69			
20	16QAM	1	0	22.01	22.04	21.86			
20	16QAM	1	49	22.09	22.16	21.99			
20	16QAM	1	99	21.96	21.99	21.44			
20	16QAM	50	0	20.89	20.95	20.73	22	2	
20	16QAM	50	24	20.90	20.97	20.77			
20	16QAM	50	50	20.77	20.85	20.23			
20	16QAM	100	0	20.81	20.88	20.69			
20	64QAM	1	0	20.81	20.84	20.45			
20	64QAM	1	49	20.72	20.75	20.36	22	2	
20	64QAM	1	99	20.16	20.24	20.06			
20	64QAM	50	0	19.86	19.90	19.72			
20	64QAM	50	24	19.90	19.97	19.77			
20	64QAM	50	50	19.76	19.81	19.62			
20	64QAM	100	0	19.82	19.88	19.70	21	3	
Channel				37825	38000	38175			
Frequency (MHz)				22.82	22.91	22.70			
15	QPSK	1	0	22.82	22.91	22.70	24	0	
15	QPSK	1	37	22.99	22.92	22.69			
15	QPSK	1	74	22.43	22.40	22.27			
15	QPSK	36	0	21.71	21.84	21.67			
15	QPSK	36	20	21.78	21.75	21.54			
15	QPSK	36	39	21.67	21.71	21.62	23	1	
15	QPSK	75	0	21.72	21.86	21.59			
15	16QAM	1	0	21.98	22.03	21.77			
15	16QAM	1	37	22.06	22.04	21.91			
15	16QAM	1	74	21.56	21.63	21.34			
15	16QAM	36	0	20.83	20.94	20.67	22	2	
15	16QAM	36	20	20.84	20.99	20.76			
15	16QAM	36	39	20.66	20.81	20.34			
15	16QAM	75	0	20.79	20.80	20.63			
15	64QAM	1	0	20.53	20.59	20.34			
15	64QAM	1	37	20.71	20.75	20.44	22	2	
15	64QAM	1	74	20.08	20.13	20.05			
15	64QAM	36	0	19.81	19.83	19.60			
15	64QAM	36	20	19.85	19.96	19.76			
15	64QAM	36	39	19.71	19.79	19.54			
15	64QAM	75	0	19.77	19.83	19.60	21	3	
Channel				37800	38000	38200			
Frequency (MHz)				22.81	22.94	22.65			
10	QPSK	1	0	22.74	22.94	22.68	24	0	
10	QPSK	1	25	22.96	22.97	22.71			
10	QPSK	1	49	22.48	22.41	22.26			
10	QPSK	25	0	21.69	21.63	21.58			
10	QPSK	25	12	21.82	21.83	21.55			
10	QPSK	25	25	21.68	21.73	21.62	23	1	
10	QPSK	50	0	21.70	21.85	21.68			
10	16QAM	1	0	21.86	21.92	21.72			
10	16QAM	1	25	22.04	22.15	21.91			
10	16QAM	1	49	21.56	21.62	21.44			
10	16QAM	25	0	20.87	20.90	20.58	22	2	
10	16QAM	25	12	20.80	20.84	20.69			
10	16QAM	25	25	20.69	20.75	20.48			
10	16QAM	50	0	20.77	20.85	20.60			
10	64QAM	1	0	20.53	20.56	20.45			
10	64QAM	1	25	20.57	20.71	20.45	22	2	
10	64QAM	1	49	20.12	20.20	20.03			
10	64QAM	25	0	19.77	19.79	19.70			
10	64QAM	25	12	19.84	19.93	19.75			
10	64QAM	25	25	19.63	19.77	19.59			
10	64QAM	50	0	19.80	19.77	19.64	21	3	
Channel				37775	38000	38225			
Frequency (MHz)				22.73	22.94	22.52			
5	QPSK	1	0	22.69	22.92	22.52	24	0	
5	QPSK	1	12	22.95	23.00	22.71			
5	QPSK	1	24	22.47	22.48	22.27			
5	QPSK	12	0	21.69	21.90	21.66			
5	QPSK	12	7	21.79	21.81	21.56			
5	QPSK	12	13	21.62	21.71	21.61	23	1	
5	QPSK	25	0	21.75	21.81	21.61			
5	16QAM	1	0	21.88	21.98	21.85			
5	16QAM	1	12	22.05	22.08	21.98			
5	16QAM	1	24	21.54	21.54	21.45			
5	16QAM	12	0	20.88	20.92	20.67	22	2	
5	16QAM	12	7	20.75	20.88	20.67			
5	16QAM	12	13	20.76	20.76	20.50			
5	16QAM	25	0	20.69	20.74	20.66			
5	64QAM	1	0	20.51	20.54	20.44			
5	64QAM	1	12	20.72	20.74	20.41	22	2	
5	64QAM	1	24	20.03	20.18	20.20			
5	64QAM	12	0	19.86	19.76	19.59			
5	64QAM	12	7	19.77	19.93	19.63			
5	64QAM	12	13	19.66	19.67	19.56			
5	64QAM	25	0	19.70	19.78	19.59	21	3	
Channel				37750	38000	38250			
Frequency (MHz)				22.68	22.94	22.55			

Reduced Power for DS13

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		198	180	241	Limit		198	180	241	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		29.70	29.75	29.76	31.00		20.70	20.75	20.76	22.00	
GPRS 1 Tx slot		29.72	29.86	29.74	31.00		20.72	20.86	20.74	22.00	
GPRS 2 Tx slot		27.73	27.83	27.81	29.00		21.73	21.83	21.81	23.00	
GPRS 3 Tx slot		25.62	25.72	25.70	27.00		21.36	21.46	21.44	22.74	
GPRS 4 Tx slot		23.85	23.87	23.88	25.00		20.85	20.87	20.88	22.00	
EDGE 1 Tx slot		23.75	23.80	23.84	25.00		14.75	14.80	14.84	16.00	
EDGE 2 Tx slot		22.13	22.17	22.16	23.00		16.13	16.17	16.16	17.00	
EDGE 3 Tx slot		20.09	20.11	20.12	21.00		15.83	15.85	15.86	16.74	
EDGE 4 Tx slot		17.57	17.55	17.48	18.50		14.57	14.55	14.48	15.50	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1852.4	1860	1909.8	(dBm)		1852.4	1860	1909.8	(dBm)	
GSM 1 Tx slot		19.32	19.13	18.92	20.50		10.32	10.13	9.92	11.50	
GPRS 1 Tx slot		19.38	19.22	19.11	20.50		10.38	10.22	10.11	11.50	
GPRS 2 Tx slot		17.46	17.32	17.30	18.50		11.46	11.30	11.30	12.50	
GPRS 3 Tx slot		15.41	15.20	15.08	16.50		11.16	10.94	10.82	12.24	
GPRS 4 Tx slot		13.35	13.22	13.06	14.50		10.35	10.22	10.06	11.50	
EDGE 1 Tx slot		15.61	15.38	15.26	16.50		8.61	8.38	8.26	7.50	
EDGE 2 Tx slot		14.04	13.99	13.89	14.50		8.04	7.99	7.89	8.50	
EDGE 3 Tx slot		12.21	12.08	11.85	12.50		7.95	7.82	7.59	8.24	
EDGE 4 Tx slot		10.17	9.91	9.79	10.50		7.17	6.91	6.79	7.50	

Band		WCDMA II_Ant 0			Tune-up		WCDMA IV_Ant 0			Tune-up		WCDMA V_Ant 0			Tune-up	
TX Channel		8252	8400	9508	Limit		1332	1413	1513	Limit		4332	4162	4238	Limit	
Frequency (MHz)		1852.4	1860	1907.6	(dBm)		1712.4	1732.8	1752.8	(dBm)		826.4	836.4	846.8	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	14.30	14.28	14.22	15.50		15.28	15.40	15.37	16.50		21.31	21.33	21.32	22.50	
3GPP Rel 99	RMK 12.2Kbps	14.32	14.33	14.33	15.50		15.39	15.41	15.40	16.50		21.35	21.38	21.37	22.50	
3GPP Rel 6	HSDPA Subtest-1	13.09	13.24	13.18	14.50		14.44	14.35	14.48	15.50		20.14	20.17	20.10	21.50	
3GPP Rel 6	HSDPA Subtest-2	13.05	13.17	13.06	14.50		14.29	14.31	14.36	15.50		20.05	20.05	20.01	21.50	
3GPP Rel 6	HSDPA Subtest-3	12.58	12.67	12.62	14.00		13.76	13.76	13.89	15.00		19.49	19.48	19.51	21.00	
3GPP Rel 6	HSDPA Subtest-4	12.46	12.70	12.62	14.00		13.80	13.73	13.89	15.00		19.48	19.52	19.49	21.00	
3GPP Rel 8	DC-HSDPA Subtest-1	12.98	13.33	13.14	14.50		14.23	14.29	14.41	15.50		20.15	20.14	20.10	21.50	
3GPP Rel 8	DC-HSDPA Subtest-2	12.86	13.16	12.99	14.50		14.14	14.15	14.22	15.50		19.94	19.88	19.86	21.50	
3GPP Rel 8	DC-HSDPA Subtest-3	12.47	12.65	12.54	14.00		13.79	13.79	13.78	15.00		19.46	19.43	19.40	21.00	
3GPP Rel 8	DC-HSDPA Subtest-4	12.39	12.63	12.55	14.00		13.68	13.65	13.75	15.00		19.44	19.39	19.42	21.00	
3GPP Rel 6	HSUPA Subtest-1	12.03	11.76	11.86	13.00		12.98	12.89	13.00	14.00		18.70	18.72	18.76	20.00	
3GPP Rel 6	HSUPA Subtest-2	11.71	11.78	11.84	13.00		12.62	12.87	13.02	14.00		18.76	18.75	18.70	20.00	
3GPP Rel 6	HSUPA Subtest-3	12.70	12.81	12.72	14.00		13.98	13.98	13.98	15.00		19.67	19.68	19.70	21.00	
3GPP Rel 6	HSUPA Subtest-4	11.21	11.24	11.28	12.50		12.44	12.38	12.44	13.50		18.28	18.22	18.27	19.50	
3GPP Rel 6	HSUPA Subtest-5	12.71	12.88	12.81	14.00		13.90	13.90	13.95	15.00		19.61	19.59	19.62	21.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.58	11.78	11.69	13.00		12.84	12.90	12.91	14.00		18.69	18.70	18.71	20.00	

Band 2_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 Frequency (MHz)									
18700 18800 18900 19100									
20	QPSK	1	0	14.77	14.79	14.67	16	0	
20	QPSK	1	49	14.91	14.99	14.98			
20	QPSK	1	99	14.71	14.70	14.67			
20	QPSK	50	0	13.92	14.05	14.00			
20	QPSK	50	24	13.92	14.00	13.90	15	1	
20	QPSK	50	50	13.96	13.96	13.94			
20	QPSK	100	0	13.90	14.01	13.98			
20	16QAM	1	0	13.96	14.07	13.97			
20	16QAM	1	49	14.17	14.32	14.21	15	1	
20	16QAM	1	99	14.06	14.13	14.02			
20	16QAM	50	0	12.88	13.00	12.99			
20	16QAM	50	24	12.89	12.96	12.80			
20	16QAM	50	50	12.95	12.96	12.96	14	2	
20	16QAM	100	0	12.96	13.03	12.96			
20	64QAM	1	0	12.81	12.91	12.86			
20	64QAM	1	49	13.21	13.23	13.11			
20	64QAM	1	99	12.94	13.00	12.93	14	2	
20	64QAM	50	0	11.87	12.00	11.87			
20	64QAM	50	24	11.84	12.02	11.92			
20	64QAM	50	50	11.87	12.07	11.90			
20	64QAM	100	0	12.00	11.91	12.00	13	3	
Channel Frequency (MHz)									
18815.8 18900 19125									
15	QPSK	1	0	14.05	14.07	14.05	16	0	
15	QPSK	1	37	14.89	14.85	14.80			
15	QPSK	1	74	14.71	14.60	14.59			
15	QPSK	36	0	13.90	13.84	13.98			
15	QPSK	36	20	13.89	13.89	13.76	15	1	
15	QPSK	36	36	13.96	13.89	13.97			
15	QPSK	75	0	13.88	13.77	13.72			
15	16QAM	1	0	13.97	13.89	13.98			
15	16QAM	1	37	14.07	14.28	14.28	15	1	
15	16QAM	1	74	14.04	14.05	13.93			
15	16QAM	36	0	12.83	12.86	12.85			
15	16QAM	36	20	12.91	12.87	12.82			
15	16QAM	36	36	12.83	12.86	12.81	14	2	
15	16QAM	75	0	12.79	13.02	12.89			
15	64QAM	1	0	12.71	12.73	12.77			
15	64QAM	1	37	13.14	13.09	13.02			
15	64QAM	1	74	12.85	12.82	12.74	14	2	
15	64QAM	36	0	12.01	11.87	11.58			
15	64QAM	36	20	11.87	11.89	11.89			
15	64QAM	36	36	11.82	12.00	11.93			
15	64QAM	75	0	11.93	12.01	11.87	13	3	
Channel Frequency (MHz)									
18816.8 18900 19150									
10	QPSK	1	0	14.66	14.65	14.68	16	0	
10	QPSK	1	25	14.86	14.95	14.85			
10	QPSK	1	49	14.56	14.75	14.71			
10	QPSK	25	0	13.95	13.96	13.79			
10	QPSK	25	12	13.84	13.95	13.85	15	1	
10	QPSK	25	25	13.74	13.82	13.83			
10	QPSK	50	0	13.86	13.75	13.80			
10	16QAM	1	0	14.04	13.88	13.94			
10	16QAM	1	25	14.18	14.24	14.17	15	1	
10	16QAM	1	49	13.95	14.06	13.87			
10	16QAM	25	0	12.81	12.95	12.92			
10	16QAM	25	12	12.75	12.87	12.79			
10	16QAM	25	25	12.96	12.99	12.91	14	2	
10	16QAM	50	0	12.97	12.92	12.92			
10	64QAM	1	0	12.80	12.72	12.74			
10	64QAM	1	25	12.99	13.18	13.04			
10	64QAM	1	49	12.95	12.89	12.87	14	2	
10	64QAM	25	0	11.95	11.90	11.99			
10	64QAM	25	12	11.89	11.98	11.72			
10	64QAM	25	25	12.90	12.92	11.88			
10	64QAM	50	0	11.82	12.02	11.98	13	3	
Channel Frequency (MHz)									
18825 18900 19175									
5	QPSK	1	0	14.64	14.72	14.62	16	0	
5	QPSK	1	12	14.95	14.82	14.82			
5	QPSK	1	24	14.64	14.74	14.66			
5	QPSK	12	0	13.83	13.90	13.88			
5	QPSK	12	7	13.77	13.88	13.86	15	1	
5	QPSK	12	13	13.92	13.81	13.87			
5	QPSK	25	0	13.77	13.86	13.77			
5	16QAM	1	0	13.92	13.92	13.87			
5	16QAM	1	12	14.15	14.21	14.17	15	1	
5	16QAM	1	24	14.04	14.00	13.96			
5	16QAM	12	0	12.75	12.89	12.92			
5	16QAM	12	7	12.95	12.79	12.76			
5	16QAM	12	13	12.96	12.86	12.99	14	2	
5	16QAM	25	0	12.95	12.95	12.94			
5	64QAM	1	0	12.82	12.81	12.69			
5	64QAM	1	12	13.17	13.04	12.99			
5	64QAM	1	24	12.93	12.86	12.80	14	2	
5	64QAM	12	0	11.77	11.81	11.90			
5	64QAM	12	7	11.91	11.92	11.80			
5	64QAM	12	13	12.00	12.02	11.88			
5	64QAM	25	0	11.74	11.88	11.92	13	3	
Channel Frequency (MHz)									
18815.5 18900 1908.5									
3	QPSK	1	0	14.64	14.73	14.63	16	0	
3	QPSK	1	8	14.93	14.91	14.76			
3	QPSK	1	14	14.65	14.73	14.61			
3	QPSK	8	0	13.87	13.95	13.76			
3	QPSK	8	4	13.83	13.97	13.88	15	1	
3	QPSK	8	7	13.79	13.79	13.82			
3	QPSK	16	0	13.93	13.94	13.85			
3	16QAM	1	0	13.89	14.07	13.82			
3	16QAM	1	8	14.16	14.28	14.18	15	1	
3	16QAM	1	14	14.02	14.05	13.97			
3	16QAM	8	0	13.01	12.92	12.90			
3	16QAM	8	4	12.82	12.70	12.90			
3	16QAM	8	7	12.87	12.90	12.93	14	2	
3	16QAM	16	0	13.02	12.86	12.82			
3	64QAM	1	0	12.74	12.78	12.81			
3	64QAM	1	8	13.09	13.17	13.11			
3	64QAM	1	14	12.79	12.91	12.70	14	2	
3	64QAM	8	0	11.95	11.80	11.99			
3	64QAM	8	4	11.81	11.92	11.92			
3	64QAM	8	7	11.96	11.96	11.97			
3	64QAM	16	0	11.94	12.00	11.96	13	3	
Channel Frequency (MHz)									
18807 18900 19193									
1.4	QPSK	1	0	14.63	14.72	14.63	16	0	
1.4	QPSK	1	3	14.88	14.90	14.70			
1.4	QPSK	1	5	14.70	14.66	14.58			
1.4	QPSK	3	0	14.51	14.61	14.55			
1.4	QPSK	3	1	14.91	14.74	14.72	15	1	
1.4	QPSK	3	3	14.67	14.50	14.45			
1.4	QPSK	6	0	13.90	13.79	13.91			
1.4	16QAM	1	0	13.98	13.92	13.94			
1.4	16QAM	1	3	14.19	14.28	14.21	15	1	
1.4	16QAM	1	5	13.92	14.12	13.98			
1.4	16QAM	3	0	13.91	13.90	13.74			
1.4	16QAM	3	1	14.13	14.21	14.16			
1.4	16QAM	3		13.90	13.95	13.91	14	2	
1.4	16QAM	6	0	12.76	12.91	12.82			
1.4	64QAM	1	0	12.78	12.78	12.80			
1.4	64QAM	1	3	13.16	13.10	13.20			
1.4	64QAM	1	5	12.75	12.90	12.90	14	2	
1.4	64QAM	3	0	12.82	12.80	12.73			
1.4	64QAM	3	1	12.95	13.06	13.01			
1.4	64QAM	3	3	13.08	12.83	12.81			
1.4	64QAM	6	0	11.87	12.00	12.02	13	3	

Band 5_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							Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				20450	20525	20600					
10	QPSK	1	0	21.58	21.62	21.64	23	0			
	QPSK	1	25	21.72	21.77	21.64					
	QPSK	1	40	21.53	21.64	21.67					
	QPSK	25	0	20.68	20.74	20.63					
10	QPSK	25	12	20.71	20.75	20.71	22	1			
	QPSK	25	25	20.72	20.71	20.68					
	QPSK	50	0	20.68	20.70	20.61					
	16QAM	1	0	20.99	21.03	20.91					
10	16QAM	1	25	20.96	20.98	21.01	22	1			
	16QAM	1	40	20.87	20.85	20.95					
	16QAM	25	0	19.71	19.73	19.68					
	16QAM	25	12	19.60	19.74	19.67					
10	16QAM	25	25	19.74	19.76	19.69	21	2			
	16QAM	50	0	19.72	19.70	19.70					
	64QAM	1	0	19.85	19.84	19.73					
	64QAM	1	25	19.90	19.87	19.90					
10	64QAM	1	40	19.76	19.79	19.76	21	2			
	64QAM	25	0	18.67	18.80	18.78					
	64QAM	25	12	18.79	18.72	18.78					
	64QAM	25	25	18.65	18.63	18.79					
10	64QAM	50	0	18.77	18.76	18.83	20	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20425	20525	20625					
5	QPSK	1	0	21.71	21.64	21.73	23	0			
	QPSK	1	12	21.70	21.71	21.72					
	QPSK	1	24	21.56	21.67	21.68					
	QPSK	12	0	20.65	20.77	20.64					
5	QPSK	12	7	20.64	20.71	20.60	22	1			
	QPSK	12	13	20.68	20.66	20.70					
	QPSK	25	0	20.72	20.77	20.66					
	16QAM	1	0	21.01	20.92	20.88					
5	16QAM	1	12	21.02	21.08	21.04	22	1			
	16QAM	1	24	20.84	20.88	20.86					
	16QAM	12	0	19.66	19.70	19.72					
	16QAM	12	7	19.71	19.76	19.68					
5	16QAM	12	13	19.71	19.68	19.65	21	2			
	16QAM	25	0	19.78	19.79	19.71					
	64QAM	1	0	19.78	19.79	19.75					
	64QAM	1	12	19.85	19.96	19.90					
5	64QAM	1	24	19.77	19.75	19.85	21	2			
	64QAM	12	0	18.69	18.76	18.78					
	64QAM	12	7	18.76	18.79	18.71					
	64QAM	12	13	18.62	18.62	18.82					
5	64QAM	25	0	18.72	18.79	18.73	20	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20415	20525	20635					
3	QPSK	1	0	21.60	21.63	21.64	23	0			
	QPSK	1	8	21.66	21.73	21.69					
	QPSK	1	14	21.59	21.63	21.55					
	QPSK	8	0	20.69	20.72	20.68					
3	QPSK	8	4	20.65	20.70	20.63	22	1			
	QPSK	8	7	20.71	20.74	20.74					
	QPSK	15	0	20.56	20.60	20.63					
	16QAM	1	0	20.90	21.04	20.87					
3	16QAM	1	8	20.94	20.97	21.03	22	1			
	16QAM	1	14	20.80	20.93	20.85					
	16QAM	8	0	19.73	19.78	19.72					
	16QAM	8	4	19.69	19.66	19.74					
3	16QAM	8	7	19.67	19.80	19.70	21	2			
	16QAM	15	0	19.70	19.81	19.77					
	64QAM	1	0	19.76	19.89	19.79					
	64QAM	1	8	19.92	19.96	19.93					
3	64QAM	1	14	19.77	19.80	19.81	21	2			
	64QAM	8	0	18.75	18.81	18.77					
	64QAM	8	4	18.79	18.76	18.82					
	64QAM	8	7	18.86	18.86	18.81					
3	64QAM	15	0	18.68	18.85	18.75	20	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20417	20525	20643					
1.4	QPSK	1	0	21.64	21.56	21.59	23	0			
	QPSK	1	3	21.66	21.70	21.71					
	QPSK	1	5	21.51	21.67	21.53					
	QPSK	3	0	21.51	21.55	21.50					
1.4	QPSK	3	1	21.50	21.51	21.68	22	1			
	QPSK	3	3	21.37	21.53	21.51					
	QPSK	6	0	20.59	20.62	20.52					
	16QAM	1	0	20.89	20.95	20.96					
1.4	16QAM	1	3	20.98	21.01	20.94	22	1			
	16QAM	1	5	20.77	20.99	20.89					
	16QAM	3	0	20.75	20.74	20.95					
	16QAM	3	1	20.85	20.91	20.85					
1.4	16QAM	3	3	20.68	20.74	20.73	21	2			
	16QAM	6	0	19.67	19.72	19.63					
	64QAM	1	0	19.68	19.77	19.65					
	64QAM	1	3	19.84	19.92	19.99					
1.4	64QAM	1	5	19.94	19.96	19.98	21	2			
	64QAM	3	0	19.71	19.78	19.68					
	64QAM	3	1	19.71	19.85	19.97					
	64QAM	3	3	19.47	19.49	19.60					
1.4	64QAM	6	0	18.69	18.90	18.71	20	3			
Channel										Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20419	20525	20645					

Band 7_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				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	12.19	12.21	12.19	13.5	0	
20	QPSK	1	49	12.33	12.50	12.38			
20	QPSK	1	99	12.10	12.13	12.06			
20	QPSK	50	0	11.22	11.24	11.20			
20	QPSK	50	24	11.18	11.21	11.15	12.5	1	
20	QPSK	50	50	11.20	11.21	11.13			
20	QPSK	100	0	11.22	11.27	11.14			
20	16QAM	1	0	11.32	11.38	11.40			
20	16QAM	1	49	11.50	11.51	11.47	12.5	1	
20	16QAM	1	99	11.28	11.33	11.21			
20	16QAM	50	0	10.26	10.23	10.10			
20	16QAM	50	24	10.21	10.23	10.12			
20	16QAM	50	50	10.23	10.20	10.26	11.5	2	
20	16QAM	100	0	10.24	10.24	10.15			
20	64QAM	1	0	10.20	10.22	10.18			
20	64QAM	1	49	10.38	10.49	10.33			
20	64QAM	1	99	10.18	10.09	10.09	11.5	2	
20	64QAM	50	0	9.27	9.30	9.25			
20	64QAM	50	24	9.29	9.21	9.14			
20	64QAM	50	50	9.22	9.29	9.26			
20	64QAM	100	0	9.17	9.26	9.20	Channel		
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	12.19	12.19	12.07	13.5	0	
15	QPSK	1	37	12.31	12.25	12.22			
15	QPSK	1	74	11.87	11.82	11.97			
15	QPSK	36	0	11.30	11.32	11.24			
15	QPSK	36	20	11.24	11.33	11.20	12.5	1	
15	QPSK	36	39	11.23	11.28	11.23			
15	QPSK	72	0	11.26	11.27	11.11			
15	16QAM	1	0	11.34	11.48	11.44	12.5	1	
15	16QAM	1	37	11.60	11.60	11.55			
15	16QAM	1	74	11.18	11.23	11.25			
15	16QAM	36	0	10.22	10.24	10.12			
15	16QAM	36	20	10.12	10.16	10.13	11.5	2	
15	16QAM	36	39	10.16	10.21	10.16			
15	16QAM	72	0	10.13	10.26	10.15			
15	64QAM	1	0	10.23	10.25	10.22	11.5	2	
15	64QAM	1	37	10.39	10.42	10.35			
15	64QAM	1	74	10.12	10.12	10.13			
15	64QAM	36	0	9.32	9.35	9.16			
15	64QAM	36	20	9.22	9.28	9.17	10.5	3	
15	64QAM	36	39	9.19	9.21	9.14			
15	64QAM	72	0	9.17	9.23	9.18			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
10	QPSK	1	0	12.07	12.09	11.97	13.5	0	
10	QPSK	1	24	12.24	12.27	12.23			
10	QPSK	1	49	11.99	11.95	11.90			
10	QPSK	25	0	11.16	11.21	11.15			
10	QPSK	25	12	11.28	11.21	11.25	12.5	1	
10	QPSK	25	25	11.24	11.24	11.19			
10	QPSK	50	0	11.22	11.16	11.16			
10	16QAM	1	0	11.32	11.42	11.43	12.5	1	
10	16QAM	1	25	11.52	11.54	11.42			
10	16QAM	1	49	11.27	11.31	11.15			
10	16QAM	25	0	10.16	10.17	10.20			
10	16QAM	25	12	10.21	10.16	10.16	11.5	2	
10	16QAM	25	25	10.22	10.24	10.25			
10	16QAM	50	0	10.17	10.15	10.16			
10	64QAM	1	0	10.30	10.26	10.12	11.5	2	
10	64QAM	1	25	10.40	10.38	10.37			
10	64QAM	1	49	10.16	10.18	10.14			
10	64QAM	25	0	9.29	9.25	9.26			
10	64QAM	25	12	9.28	9.25	9.17	10.5	3	
10	64QAM	25	25	9.17	9.31	9.22			
10	64QAM	50	0	9.25	9.22	9.24			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
5	QPSK	1	0	12.14	12.18	12.04	13.5	0	
5	QPSK	1	12	12.19	12.33	12.21			
5	QPSK	1	11.97	12.00	11.94				
5	QPSK	12	0	11.18	11.35	11.17			
5	QPSK	12	7	11.30	11.28	11.16	12.5	1	
5	QPSK	12	13	11.15	11.26	11.18			
5	QPSK	25	0	11.16	11.29	11.20			
5	16QAM	1	0	11.42	11.38	11.39	12.5	1	
5	16QAM	1	12	11.88	11.83	11.80			
5	16QAM	24	1	11.24	11.21	11.22			
5	16QAM	12	0	10.17	10.22	10.16			
5	16QAM	12	7	10.18	10.23	10.14	11.5	2	
5	16QAM	12	13	10.20	10.28	10.24			
5	16QAM	25	0	10.18	10.24	10.16			
5	64QAM	1	0	10.20	10.29	10.18	11.5	2	
5	64QAM	1	12	10.34	10.46	10.41			
5	64QAM	1	24	10.20	10.16	10.15			
5	64QAM	12	0	9.29	9.22	9.18			
5	64QAM	12	7	9.32	9.30	9.14	10.5	3	
5	64QAM	12	13	9.19	9.21	9.18			
5	64QAM	25	0	9.17	9.19	9.13			

Band 13_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				23230			24	0	
Frequency (MHz)				742					
10	QPSK	1	0	22.75			23	1	
10	QPSK	1	25	22.91					
10	QPSK	1	49	22.86					
10	QPSK	25	0	21.83					
10	QPSK	25	12	21.82					
10	QPSK	25	25	21.79			23	1	
10	QPSK	50	0	21.80					
10	16QAM	1	0	22.07					
10	16QAM	1	25	22.21					
10	16QAM	1	49	22.04					
10	16QAM	25	0	20.92			22	2	
10	16QAM	25	12	20.95					
10	16QAM	25	25	20.88					
10	16QAM	50	0	20.93					
10	64QAM	1	0	21.05					
10	64QAM	1	25	21.20			22	2	
10	64QAM	1	49	20.92					
10	64QAM	25	0	19.91					
10	64QAM	25	12	19.93					
10	64QAM	25	25	19.88					
10	64QAM	50	0	19.89			21	3	
Channel				23205	23230	23255			
Frequency (MHz)				748.5	742	744.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.03	22.67	22.65	24	0	
5	QPSK	1	12	22.86	22.88	22.90			
5	QPSK	1	24	22.59	22.65	22.62			
5	QPSK	12	0	21.78	21.84	21.78			
5	QPSK	12	7	21.76	21.79	21.81			
5	QPSK	12	13	21.75	21.79	21.78	23	1	
5	QPSK	25	0	21.75	21.77	21.79			
5	16QAM	1	0	22.04	22.10	22.05			
5	16QAM	1	12	22.15	22.18	22.16			
5	16QAM	1	24	22.00	22.05	21.99			
5	16QAM	12	0	20.87	20.89	20.89	22	2	
5	16QAM	12	7	20.92	20.99	20.91			
5	16QAM	12	13	20.84	20.91	20.86			
5	16QAM	25	0	20.90	20.92	20.91			
5	64QAM	1	0	21.03	21.10	21.00			
5	64QAM	1	12	21.15	21.21	21.20	22	2	
5	64QAM	1	24	20.77	20.81	20.77			
5	64QAM	12	0	19.86	19.92	19.89			
5	64QAM	12	7	19.86	19.93	19.91			
5	64QAM	12	13	19.84	19.91	19.83			
5	64QAM	25	0	19.85	19.88	19.84	21	3	
Channel				748.5	742	744.5			

Band 26_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				26765			23	0	
Frequency (MHz)				813.5	831.5	844.5			
15	QPSK	1	0	21.61	21.67	21.51	22	1	
15	QPSK	1	37	21.77	21.87	21.86			
15	QPSK	1	74	21.47	21.67	21.62			
15	QPSK	36	0	20.62	20.76	20.66			
15	QPSK	36	20	20.67	20.64	20.67			
15	QPSK	36	39	20.65	20.66	20.71	22	1	
15	QPSK	75	0	20.60	20.73	20.72			
15	16QAM	1	0	20.74	20.84	20.89			
15	16QAM	1	37	21.17	21.18	21.08			
15	16QAM	1	74	20.68	20.85	20.76			
15	16QAM	36	0	19.61	19.69	19.61	21	2	
15	16QAM	36	20	19.65	19.74	19.62			
15	16QAM	36	39	19.54	19.65	19.61			
15	16QAM	75	0	19.73	19.65	19.64			
15	64QAM	1	0	19.77	19.81	19.89			
15	64QAM	1	37	19.97	20.05	20.03	21	2	
15	64QAM	1	74	19.64	19.76	19.68			
15	64QAM	36	0	18.65	18.78	18.71			
15	64QAM	36	20	18.68	18.75	18.79			
15	64QAM	36	39	18.72	18.74	18.69			
15	64QAM	75	0	18.79	18.76	18.76	20	3	
Channel				26740	26665	26690			
Frequency (MHz)				811	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.57	21.57	21.52	23	0	
10	QPSK	1	25	21.74	21.87	21.85			
10	QPSK	1	49	21.57	21.54	21.57			
10	QPSK	25	0	20.70	20.75	20.72			
10	QPSK	25	12	20.64	20.73	20.67			
10	QPSK	25	25	20.61	20.78	20.73	22	1	
10	QPSK	50	0	20.62	20.68	20.68			
10	16QAM	1	0	20.85	20.81	20.78			
10	16QAM	1	25	21.07	21.21	21.19			
10	16QAM	1	49	20.74	20.89	20.82			
10	16QAM	25	0	19.60	19.74	19.68	21	2	
10	16QAM	25	12	19.66	19.74	19.65			
10	16QAM	25	25	19.56	19.62	19.64			
10	16QAM	50	0	19.62	19.78	19.71			
10	64QAM	1	0	19.81	19.84	19.89			
10	64QAM	1	25	19.92	20.06	19.99	21	2	
10	64QAM	1	49	19.67	19.81	19.75			
10	64QAM	25	0	18.69	18.78	18.66			
10	64QAM	25	12	18.68	18.80	18.68			
10	64QAM	25	25	18.64	18.77	18.77			
10	64QAM	50	0	18.73	18.70	18.70	20	3	
Channel				26715	26665	27015			
Frequency (MHz)				816.5	831.5	846.5 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.61	21.64	21.62	23	0	
5	QPSK	1	12	21.86	21.84	21.76			
5	QPSK	1	24	21.52	21.53	21.60			
5	QPSK	12	0	20.71	20.82	20.69			
5	QPSK	12	7	20.66	20.71	20.70			
5	QPSK	12	13	20.63	20.66	20.75	22	1	
5	QPSK	25	0	20.65	20.65	20.70			
5	16QAM	1	0	20.81	20.87	20.78			
5	16QAM	1	12	21.05	21.20	21.16			
5	16QAM	1	24	20.73	20.87	20.78			
5	16QAM	12	0	19.67	19.71	19.59	21	2	
5	16QAM	12	7	19.67	19.69	19.59			
5	16QAM	12	13	19.60	19.74	19.57			
5	16QAM	25	0	19.63	19.70	19.66			
5	64QAM	1	0	19.89	19.81	19.77			
5	64QAM	1	12	19.96	19.99	20.03	21	2	
5	64QAM	1	24	19.68	19.75	19.67			
5	64QAM	12	0	18.65	18.77	18.67			
5	64QAM	12	7	18.73	18.74	18.72			
5	64QAM	12	13	18.69	18.79	18.83			
5	64QAM	25	0	18.69	18.70	18.70	20	3	
Channel				26795	26665	27025			
Frequency (MHz)				815.5	831.5	847.5 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.60	21.58	21.63	23	0	
3	QPSK	1	8	21.88	21.83	21.81			
3	QPSK	1	14	21.60	21.55	21.54			
3	QPSK	8	0	20.70	20.79	20.67			
3	QPSK	8	4	20.74	20.78	20.74			
3	QPSK	8	7	20.74	20.67	20.62	22	1	
3	QPSK	15	0	20.69	20.73	20.65			
3	16QAM	1	0	20.84	20.83	20.81			
3	16QAM	1	8	21.16	21.10	21.06			
3	16QAM	1	14	20.71	20.85	20.76			
3	16QAM	8	0	19.66	19.75	19.60	21	2	
3	16QAM	8	4	19.72	19.65	19.61			
3	16QAM	8	7	19.69	19.68	19.62			
3	16QAM	15	0	19.68	19.71	19.76	21	2	
3	64QAM	1	0	19.84	19.81	19.80			
3	64QAM	1	8	19.91	20.10	19.98			
3	64QAM	1	14	19.69	19.78	19.72			
3	64QAM	8	0	18.68	18.81	18.74			
3	64QAM	8	4	18.77	18.86	18.74			
3	64QAM	8	7	18.76	18.80	18.70	20	3	
3	64QAM	15	0	18.74	18.69	18.78			
Channel				26697	26665	27033			
Frequency (MHz)				844.2	831.5	843.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.41	21.49	21.59	23	0	
1.4	QPSK	1	3	21.84	21.73	21.68			
1.4	QPSK	1	6	21.37	21.54	21.43			
1.4	QPSK	3	0	21.40	21.49	21.54			
1.4	QPSK	3	1	21.76	21.60	21.60			
1.4	QPSK	3	3	21.49	21.38	21.39	22	1	
1.4	QPSK	3	6	20.59	20.61	20.63			
1.4	16QAM	1	0	20.69	20.89	20.74			
1.4	16QAM	1	3	21.03	21.08	21.09			
1.4	16QAM	3	0	20.70	20.80	20.79			
1.4	16QAM	3	0	20.64	20.79	20.58	22	1	
1.4	16QAM	3	1	20.89	21.03	20.93			
1.4	16QAM	3	3	20.57	20.69	20.63			
1.4	16QAM	6	0	19.61	19.65	19.52			
1.4	64QAM	1	0	19.74	19.69	19.74			
1.4	64QAM	1	3	19.91	19.81	19.86	21	2	
1.4	64QAM	1	6	19.58	19.70	19.66			
1.4	64QAM	3	0	18.71	18.62	19.76			
1.4	64QAM	3	1	18.76	18.62	19.93			
1.4	64QAM	3	3	18.63	18.57	18.56			
1.4	64QAM	6	0	18.67	18.56	18.52	20	3	
Channel				26657	26656	18.52			

Band 66_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									
Frequency (MHz)									
20	QPSK	1	0	16.45	16.47	16.38	17.5	0	
20	QPSK	1	48	16.75	16.76	16.58			
20	QPSK	1	88	16.47	16.58	16.54			
20	QPSK	50	0	15.68	15.69	15.56			
20	QPSK	50	24	15.51	15.61	15.66	16.5	1	
20	QPSK	50	50	15.51	15.63	15.52			
20	QPSK	100	0	15.60	15.61	15.53			
20	16QAM	1	0	15.73	15.76	15.65			
20	16QAM	1	48	15.94	15.95	15.84	16.5	1	
20	16QAM	1	88	15.77	15.76	15.60			
20	16QAM	50	0	14.70	14.63	14.58			
20	16QAM	50	24	14.69	14.69	14.51			
20	16QAM	50	50	14.53	14.66	14.49	15.5	2	
20	16QAM	100	0	14.58	14.58	14.56			
20	64QAM	1	0	14.54	14.60	14.48			
20	64QAM	1	48	14.82	14.94	14.85			
20	64QAM	1	88	14.75	14.82	14.73	15.5	2	
20	64QAM	50	0	13.65	13.76	13.62			
20	64QAM	50	24	13.67	13.63	13.61			
20	64QAM	50	50	13.66	13.66	13.54			
20	64QAM	100	0	13.59	13.67	13.63	14.5	3	
Channel									
Frequency (MHz)									
15	QPSK	1	0	16.10	16.15	16.05	17.5	0	
15	QPSK	1	37	16.37	16.45	16.38			
15	QPSK	1	74	16.25	16.22	16.24			
15	QPSK	36	0	15.46	15.39	15.36			
15	QPSK	36	20	15.24	15.34	15.37	16.5	1	
15	QPSK	36	36	15.30	15.38	15.22			
15	QPSK	75	0	15.30	15.35	15.37			
15	16QAM	1	0	15.45	15.39	15.33			
15	16QAM	1	37	15.68	15.64	15.63	16.5	1	
15	16QAM	1	74	15.52	15.52	15.53			
15	16QAM	36	0	14.41	14.35	14.34			
15	16QAM	36	20	14.36	14.40	14.38			
15	16QAM	36	36	14.25	14.37	14.23	15.5	2	
15	16QAM	75	0	14.35	14.40	14.40			
15	64QAM	1	0	14.26	14.26	14.24			
15	64QAM	1	37	14.56	14.72	14.67			
15	64QAM	1	74	14.51	14.63	14.50	15.5	2	
15	64QAM	36	0	13.45	13.44	13.50			
15	64QAM	36	20	13.48	13.47	13.40			
15	64QAM	36	36	13.39	13.39	13.39			
15	64QAM	75	0	13.30	13.38	13.42	14.5	3	
Channel									
Frequency (MHz)									
10	QPSK	1	0	16.21	16.25	16.17	17.5	0	
10	QPSK	1	25	16.44	16.46	16.45			
10	QPSK	1	49	16.23	16.31	16.31			
10	QPSK	25	0	15.47	15.36	15.30			
10	QPSK	25	12	15.24	15.41	15.27	16.5	1	
10	QPSK	25	25	15.27	15.30	15.24			
10	QPSK	50	0	15.24	15.43	15.30			
10	16QAM	1	0	15.47	15.42	15.38			
10	16QAM	1	25	15.65	15.78	15.67	16.5	1	
10	16QAM	1	49	15.61	15.61	15.63			
10	16QAM	25	0	14.37	14.40	14.29			
10	16QAM	25	12	14.34	14.47	14.38			
10	16QAM	25	25	14.39	14.43	14.25	15.5	2	
10	16QAM	50	0	14.37	14.37	14.34			
10	64QAM	1	0	14.36	14.26	14.24			
10	64QAM	1	25	14.58	14.65	14.66			
10	64QAM	1	49	14.50	14.52	14.59	15.5	2	
10	64QAM	25	0	13.37	13.45	13.48			
10	64QAM	25	12	13.38	13.37	13.38			
10	64QAM	25	25	13.42	13.39	13.34			
10	64QAM	50	0	13.38	13.39	13.29	14.5	3	
Channel									
Frequency (MHz)									
5	QPSK	1	0	16.17	16.20	16.07	17.5	0	
5	QPSK	1	12	16.32	16.40	16.33			
5	QPSK	1	24	16.28	16.29	16.28			
5	QPSK	12	0	15.43	15.40	15.27			
5	QPSK	12	7	15.29	15.44	15.31	16.5	1	
5	QPSK	12	13	15.38	15.39	15.28			
5	QPSK	25	0	15.26	15.42	15.33			
5	16QAM	1	0	15.46	15.49	15.31			
5	16QAM	1	12	15.63	15.78	15.64	16.5	1	
5	16QAM	1	24	15.63	15.67	15.46			
5	16QAM	12	0	14.42	14.46	14.39			
5	16QAM	12	7	14.35	14.41	14.34			
5	16QAM	12	13	14.27	14.29	14.23	15.5	2	
5	16QAM	25	0	14.34	14.34	14.40			
5	64QAM	1	0	14.24	14.27	14.23			
5	64QAM	1	12	14.66	14.69	14.60			
5	64QAM	1	24	14.56	14.59	14.53	15.5	2	
5	64QAM	12	0	13.43	13.54	13.49			
5	64QAM	12	7	13.35	13.39	13.42			
5	64QAM	12	13	13.42	13.42	13.31			
5	64QAM	25	0	13.44	13.38	13.34	14.5	3	
Channel									
Frequency (MHz)									
3	QPSK	1	0	16.10	16.21	16.17	17.5	0	
3	QPSK	1	8	16.46	16.50	16.35			
3	QPSK	1	14	16.31	16.27	16.27			
3	QPSK	8	0	15.36	15.41	15.31			
3	QPSK	8	4	15.30	15.43	15.34	16.5	1	
3	QPSK	8	7	15.32	15.34	15.28			
3	QPSK	15	0	15.35	15.32	15.35			
3	16QAM	1	0	15.50	15.46	15.34			
3	16QAM	1	8	15.64	15.71	15.59	16.5	1	
3	16QAM	1	14	15.51	15.51	15.49			
3	16QAM	8	0	14.40	14.46	14.32			
3	16QAM	8	4	14.33	14.38	14.27			
3	16QAM	8	7	14.29	14.33	14.34	15.5	2	
3	16QAM	15	0	14.37	14.32	14.40			
3	64QAM	1	0	14.20	14.39	14.34			
3	64QAM	1	8	14.58	14.65	14.61			
3	64QAM	1	14	14.60	14.63	14.66	15.5	2	
3	64QAM	8	0	13.35	13.53	13.48			
3	64QAM	8	4	13.37	13.50	13.43			
3	64QAM	8	7	13.29	13.46	13.38			
3	64QAM	15	0	13.33	13.47	13.39	14.5	3	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	16.12	16.22	16.09	17.5	0	
1.4	QPSK	1	3	16.46	16.51	16.36			
1.4	QPSK	1	5	16.21	16.32	16.23			
1.4	QPSK	3	0	15.82	16.08	15.80			
1.4	QPSK	3	1	16.33	16.26	16.17	16.5	1	
1.4	QPSK	3	3	16.07	16.20	16.07			
1.4	QPSK	6	0	15.37	15.35	15.32			
1.4	16QAM	1	0	15.38	15.39	15.44			
1.4	16QAM	1	3	15.71	15.66	15.62	16.5	1	
1.4	16QAM	1	5	15.62	15.64	15.58			
1.4	16QAM	3	0	15.15	15.21	15.13			
1.4	16QAM	3	1	15.19	15.19	15.31			
1.4	16QAM	3	3	15.49	15.50	15.51	15.5	2	
1.4	16QAM	1	4	14.27	14.38	14.29			
1.4	64QAM	1	0	14.29	14.38	14.22			
1.4	64QAM	1	3	14.61	14.66	14.60			
1.4	64QAM	1	5	14.62	14.68	14.68	15.5	2	
1.4	64QAM	3	0	14.15	14.17	14.15			
1.4	64QAM	3	1	14.14	14.24	14.01			
1.4	64QAM	3	3	14.49	14.42	14.41			
1.4	64QAM	6	0	13.30	13.37	13.45	14.5	3	

LTE Band 38_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				37850	38000	38150			
Frequency (MHz)				264.5	266	267.5			
20	QPSK	1	0	14.23	14.33	14.09	15.5	0	
20	QPSK	1	49	14.24	14.43	14.11			
20	QPSK	1	50	13.79	13.81	13.85			
20	QPSK	50	0	13.16	13.22	13.05			
20	QPSK	50	24	13.11	13.28	12.97			
20	QPSK	50	50	13.62	13.14	12.85	14.5	1	
20	QPSK	100	0	13.09	13.15	13.01			
20	16QAM	1	0	13.32	13.41	13.18			
20	16QAM	1	49	13.38	13.45	13.37			
20	16QAM	1	50	12.98	13.06	12.77			
20	16QAM	50	0	12.15	12.25	12.01	13.5	2	
20	16QAM	50	24	12.15	12.28	12.13			
20	16QAM	50	50	12.11	12.22	11.98			
20	16QAM	100	0	12.07	12.20	11.96			
20	64QAM	1	0	11.87	12.03	11.79			
20	64QAM	1	49	12.03	12.10	11.89	13.5	2	
20	64QAM	1	50	11.75	11.70	11.79			
20	64QAM	50	0	11.16	11.19	11.03			
20	64QAM	50	24	11.17	11.34	11.05			
20	64QAM	50	50	11.08	11.13	10.98			
20	64QAM	100	0	11.21	11.15	11.01	12.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				267.5	268	269.5			
15	QPSK	1	0	14.15	14.24	14.05	15.5	0	
15	QPSK	1	37	14.28	14.35	14.18			
15	QPSK	1	74	13.83	13.84	13.73			
15	QPSK	36	0	13.19	13.27	12.97			
15	QPSK	36	20	13.16	13.21	13.00			
15	QPSK	36	39	13.01	13.11	12.91	14.5	1	
15	QPSK	75	0	13.20	13.22	12.96			
15	16QAM	1	0	13.33	13.43	13.24			
15	16QAM	1	37	13.46	13.48	13.35			
15	16QAM	1	74	13.05	12.95	12.84			
15	16QAM	36	0	12.24	12.28	12.07	13.5	2	
15	16QAM	36	20	12.22	12.30	12.04			
15	16QAM	36	39	12.03	12.14	11.95			
15	16QAM	75	0	12.20	12.23	12.04			
15	64QAM	1	0	11.95	11.92	11.78			
15	64QAM	1	37	12.08	12.14	11.85	13.5	2	
15	64QAM	1	74	11.52	11.53	11.55			
15	64QAM	36	0	11.23	11.22	10.97			
15	64QAM	36	20	11.18	11.24	11.12			
15	64QAM	36	39	11.06	11.11	11.00			
15	64QAM	75	0	11.07	11.16	11.06	12.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				264.5	266	267.5			
10	QPSK	1	0	14.16	14.21	14.14	15.5	0	
10	QPSK	1	25	14.35	14.38	14.19			
10	QPSK	1	49	13.87	13.91	13.61			
10	QPSK	25	0	13.20	13.25	12.98			
10	QPSK	25	12	13.10	13.16	13.06			
10	QPSK	25	25	13.00	13.15	12.96	14.5	1	
10	QPSK	50	0	13.07	13.11	13.00			
10	16QAM	1	0	13.28	13.40	13.19			
10	16QAM	1	25	13.34	13.44	13.29			
10	16QAM	1	49	13.04	13.02	12.81			
10	16QAM	25	0	12.23	12.34	12.08	13.5	2	
10	16QAM	25	12	12.17	12.24	12.07			
10	16QAM	25	25	12.15	12.10	12.00			
10	16QAM	50	0	12.09	12.16	11.95			
10	64QAM	1	0	11.86	12.03	11.71			
10	64QAM	1	25	12.04	12.13	11.84	12.5	3	
10	64QAM	1	49	11.54	11.50	11.53			
10	64QAM	25	0	11.16	11.21	11.07			
10	64QAM	25	12	11.20	11.36	11.13			
10	64QAM	25	25	11.11	11.18	10.98			
10	64QAM	50	0	11.20	11.16	11.01	12.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				267.5	268	269.5			
5	QPSK	1	0	14.25	14.32	14.13	15.5	0	
5	QPSK	1	12	14.26	14.29	14.19			
5	QPSK	1	24	13.77	13.86	13.67			
5	QPSK	12	0	13.15	13.24	13.10			
5	QPSK	12	7	13.21	13.24	12.94			
5	QPSK	12	13	12.99	13.12	13.00	14.5	1	
5	QPSK	25	0	13.08	13.19	13.04			
5	16QAM	1	0	13.39	13.32	13.25			
5	16QAM	1	12	13.48	13.47	13.25			
5	16QAM	1	24	13.04	13.04	12.75			
5	16QAM	12	0	12.15	12.24	12.06	13.5	2	
5	16QAM	12	7	12.19	12.27	12.08			
5	16QAM	12	13	12.08	12.10	11.95			
5	16QAM	25	0	12.10	12.21	11.98			
5	64QAM	1	0	11.87	11.93	11.77			
5	64QAM	1	12	11.99	12.11	11.80	13.5	2	
5	64QAM	1	24	11.30	11.61	11.32			
5	64QAM	12	0	11.12	11.26	11.00			
5	64QAM	12	7	11.24	11.31	11.15			
5	64QAM	12	13	11.09	11.19	11.01			
5	64QAM	25	0	11.17	11.21	11.09	12.5	3	

Reduced Power for DSI6

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		194	186	241	Limit		194	186	241	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		32.32	32.37	32.31	33.00		23.32	23.37	23.31	24.50	
GPRS 1 Tx slot		32.33	32.39	32.31	33.00		23.33	23.39	23.31	24.50	
GPRS 2 Tx slot		30.29	30.38	30.28	31.00		24.29	24.38	24.28	25.50	
GPRS 3 Tx slot		28.23	28.31	28.21	29.00		23.97	24.05	23.95	25.24	
GPRS 4 Tx slot		26.36	26.43	26.33	27.00		23.36	23.43	23.33	24.50	
EDGE 1 Tx slot		25.27	25.34	25.24	27.00		17.27	17.34	17.24	18.50	
EDGE 2 Tx slot		24.77	24.82	24.75	25.00		18.77	18.82	18.75	19.50	
EDGE 3 Tx slot		22.66	22.75	22.66	23.00		18.40	18.48	18.40	19.24	
EDGE 4 Tx slot		20.11	20.19	20.11	21.00		17.11	17.19	17.11	18.00	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1852.4	1880	1909.8	(dBm)		1852.4	1880	1909.8	(dBm)	
GSM 1 Tx slot		26.43	26.18	26.12	27.00		17.43	17.18	17.12	18.50	
GPRS 1 Tx slot		26.53	26.28	26.06	27.00		17.53	17.28	17.06	18.50	
GPRS 2 Tx slot		24.45	24.25	24.18	25.00		16.45	16.25	16.18	19.50	
GPRS 3 Tx slot		22.53	22.29	22.18	23.00		16.27	16.03	17.92	19.24	
GPRS 4 Tx slot		20.52	20.32	20.23	21.00		17.52	17.32	17.23	18.50	
EDGE 1 Tx slot		22.68	22.47	22.32	23.00		13.69	13.47	13.32	14.50	
EDGE 2 Tx slot		21.20	21.08	21.13	21.00		15.20	15.08	15.13	15.50	
EDGE 3 Tx slot		19.39	19.12	19.04	19.00		15.13	14.86	14.78	15.24	
EDGE 4 Tx slot		17.28	17.10	16.92	17.00		14.28	14.10	13.92	14.50	

Band		WCDMA II_Ant 0			Tune-up		WCDMA IV_Ant 0			Tune-up		WCDMA V_Ant 0			Tune-up	
TX Channel		6052	9400	9508	Limit		1332	1413	1513	Limit		4332	4162	4238	Limit	
Frequency (MHz)		1852.4	1880	1907.6	(dBm)		1712.4	1732.6	1752.6	(dBm)		4332	4407	4459	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	18.70	18.73	18.73	20.00		19.63	19.67	19.61	20.50		22.86	22.88	22.82	24.00	
3GPP Rel 99	RMK 12.2Kbps	18.77	18.83	18.80	20.00		19.67	19.71	19.58	20.50		22.90	22.95	22.83	24.00	
3GPP Rel 6	HSDPA Subtest-1	17.54	17.79	17.64	19.00		18.41	18.33	18.46	19.50		21.70	21.67	21.64	23.00	
3GPP Rel 6	HSDPA Subtest-2	17.51	17.62	17.55	19.00		18.32	18.27	18.25	19.50		21.58	21.54	21.59	23.00	
3GPP Rel 6	HSDPA Subtest-3	17.09	17.18	17.15	18.50		17.69	17.76	17.77	19.00		21.07	21.02	21.11	22.50	
3GPP Rel 6	HSDPA Subtest-4	17.00	17.06	17.10	18.50		17.78	17.76	17.86	19.00		21.08	20.97	21.02	22.50	
3GPP Rel 6	DC-HSDPA Subtest-1	17.41	17.78	17.57	19.00		18.32	18.36	18.39	19.50		21.68	21.61	21.54	23.00	
3GPP Rel 6	DC-HSDPA Subtest-2	17.41	17.66	17.46	19.00		18.12	18.19	18.19	19.50		21.46	21.41	21.48	23.00	
3GPP Rel 6	DC-HSDPA Subtest-3	16.98	17.05	17.04	18.50		17.82	17.76	17.72	19.00		20.98	20.93	21.02	22.50	
3GPP Rel 6	DC-HSDPA Subtest-4	16.96	17.08	17.01	18.50		17.72	17.67	17.71	19.00		20.97	20.89	21.02	22.50	
3GPP Rel 6	HSUPA Subtest-1	16.53	16.29	16.27	17.50		16.85	16.95	16.94	18.00		20.27	20.23	20.26	21.50	
3GPP Rel 6	HSUPA Subtest-2	16.17	16.24	16.22	17.50		16.88	16.89	16.96	18.00		20.27	20.23	20.21	21.00	
3GPP Rel 6	HSUPA Subtest-3	17.13	17.22	17.19	18.50		17.98	17.87	17.89	19.00		21.24	21.10	21.21	22.50	
3GPP Rel 6	HSUPA Subtest-4	15.77	15.74	15.74	17.00		16.39	16.30	16.31	17.50		19.81	19.66	19.78	21.00	
3GPP Rel 6	HSUPA Subtest-5	17.24	17.22	17.11	18.50		17.60	17.64	17.52	19.00		21.15	21.05	21.15	22.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.08	16.25	16.16	17.50		16.76	16.87	16.77	18.00		20.25	20.09	20.19	21.50	

Band 2_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 Frequency (MHz)									
18700 18800 19100									
20	QPSK	1	0	18.64	18.61	18.56			
20	QPSK	1	49	18.74	18.68	18.66	20	0	
20	QPSK	1	99	18.59	18.55	18.54			
20	QPSK	50	0	17.83	17.92	17.85			
20	QPSK	50	24	17.85	17.87	17.76			
20	QPSK	50	50	17.73	17.73	17.79	19	1	
20	QPSK	100	0	17.77	17.88	17.76			
20	16QAM	1	0	17.88	17.90	17.91			
20	16QAM	1	49	18.18	18.15	18.12	19	1	
20	16QAM	1	99	17.99	17.99	17.94			
20	16QAM	50	0	16.91	16.96	16.91			
20	16QAM	50	24	16.86	16.86	16.70	18	2	
20	16QAM	50	50	16.85	16.84	16.76			
20	16QAM	100	0	16.83	16.77	16.78			
20	64QAM	1	0	16.74	16.82	16.68			
20	64QAM	1	49	17.08	17.03	16.99	18	2	
20	64QAM	1	99	16.92	16.93	16.74			
20	64QAM	50	0	15.90	15.78	15.80			
20	64QAM	50	24	15.75	15.90	15.72			
20	64QAM	50	50	15.84	15.94	15.81	17	3	
20	64QAM	100	0	15.74	15.84	15.86			
Channel Frequency (MHz)									
18875 18900 19125									
15	QPSK	1	0	18.64	18.65	18.52	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	37	18.74	18.82	18.73			20
15	QPSK	1	74	18.63	18.68	18.66			
15	QPSK	36	0	17.78	17.82	17.86			
15	QPSK	36	20	17.82	17.86	17.75			
15	QPSK	36	36	17.79	17.77	17.72	19	1	
15	QPSK	0	75	17.83	17.82	17.78			
15	16QAM	1	0	17.92	17.90	17.88			
15	16QAM	1	37	18.15	18.14	18.12	19	1	
15	16QAM	1	74	18.01	18.01	18.00			
15	16QAM	36	0	16.83	16.90	16.78			
15	16QAM	36	20	16.82	16.83	16.75	18	2	
15	16QAM	36	36	16.77	16.81	16.84			
15	16QAM	75	0	16.77	16.84	16.77			
15	64QAM	1	0	16.74	16.72	16.68			
15	64QAM	1	37	16.99	16.99	16.94	18	2	
15	64QAM	1	74	16.77	16.78	16.72			
15	64QAM	36	0	15.89	15.85	15.83			
15	64QAM	36	20	15.72	15.76	15.83	17	3	
15	64QAM	36	36	15.96	15.96	15.80			
15	64QAM	75	0	15.81	15.87	15.81			
Channel Frequency (MHz)									
18950 18950 19150									
10	QPSK	1	0	18.51	18.61	18.63	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	25	18.82	18.78	18.78			20
10	QPSK	1	49	18.55	18.56	18.55			
10	QPSK	0	25	17.81	17.78	17.80			
10	QPSK	25	12	17.85	17.79	17.84			
10	QPSK	25	25	17.75	17.80	17.85	19	1	
10	QPSK	0	50	17.77	17.78	17.84			
10	16QAM	1	0	17.92	17.83	17.83			
10	16QAM	1	25	18.18	18.14	18.14	19	1	
10	16QAM	1	49	17.98	17.97	17.92			
10	16QAM	25	0	16.89	16.86	16.75			
10	16QAM	25	12	16.83	16.83	16.75	18	2	
10	16QAM	25	25	16.89	16.85	16.83			
10	16QAM	50	0	16.79	16.87	16.73			
10	64QAM	1	0	16.67	16.74	16.78			
10	64QAM	1	25	17.02	16.98	16.93	18	2	
10	64QAM	1	49	16.75	16.82	16.79			
10	64QAM	25	0	15.85	15.85	15.79			
10	64QAM	25	12	15.74	15.84	15.77	17	3	
10	64QAM	25	25	15.90	15.92	15.86			
10	64QAM	50	0	15.88	15.92	15.83			
Channel Frequency (MHz)									
18925 18950 19175									
5	QPSK	1	0	18.63	18.56	18.52	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	12	18.75	18.79	18.75			20
5	QPSK	1	24	18.55	18.63	18.64			
5	QPSK	12	0	17.76	17.85	17.80			
5	QPSK	12	7	17.97	17.89	17.77			
5	QPSK	12	13	17.80	17.79	17.72	19	1	
5	QPSK	0	25	17.75	17.86	17.84			
5	16QAM	1	0	17.90	17.81	17.85			
5	16QAM	1	12	18.14	18.11	18.07	19	1	
5	16QAM	1	24	18.00	17.99	17.89			
5	16QAM	12	0	16.78	16.77	16.82			
5	16QAM	12	7	16.79	16.79	16.72	18	2	
5	16QAM	12	13	16.90	16.78	16.79			
5	16QAM	25	0	16.85	16.89	16.83			
5	64QAM	1	0	16.76	16.83	16.78			
5	64QAM	1	12	17.07	17.09	17.02	18	2	
5	64QAM	1	24	16.82	16.83	16.72			
5	64QAM	12	0	15.92	15.80	15.89			
5	64QAM	12	7	15.72	15.80	15.79	17	3	
5	64QAM	12	13	15.83	15.84	15.85			
5	64QAM	25	0	15.77	15.83	15.83			
Channel Frequency (MHz)									
18915 18950 19185									
3	QPSK	1	0	18.55	18.60	18.60	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	8	18.82	18.80	18.83			20
3	QPSK	1	14	18.61	18.59	18.59			
3	QPSK	8	0	17.83	17.78	17.89			
3	QPSK	8	4	17.77	17.89	17.83	19	1	
3	QPSK	8	7	17.76	17.84	17.74			
3	QPSK	16	0	17.87	17.80	17.81			
3	16QAM	1	0	17.84	17.82	17.89			
3	16QAM	1	8	18.09	18.13	18.17	19	1	
3	16QAM	1	14	17.98	17.99	17.89			
3	16QAM	8	0	16.75	16.76	16.87			
3	16QAM	8	4	16.72	16.80	16.67	18	2	
3	16QAM	8	7	16.89	16.86	16.81			
3	16QAM	16	0	16.80	16.82	16.72			
3	64QAM	1	0	15.78	15.78	15.69			
3	64QAM	1	8	17.04	17.01	17.04	18	2	
3	64QAM	1	14	16.86	16.86	16.74			
3	64QAM	8	0	15.80	15.87	15.89			
3	64QAM	8	4	15.83	15.87	15.73	17	3	
3	64QAM	8	7	15.88	15.87	15.88			
3	64QAM	16	0	15.77	15.92	15.76			
Channel Frequency (MHz)									
18907 18950 19193									
1.4	QPSK	1	0	18.53	18.53	18.53	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	3	18.74	18.75	18.68			20
1.4	QPSK	1	5	18.59	18.50	18.46			
1.4	QPSK	3	0	18.50	18.39	18.32			
1.4	QPSK	3	1	18.77	18.58	18.56			
1.4	QPSK	3	3	18.52	18.40	18.30	19	1	
1.4	QPSK	6	0	17.75	17.78	17.70			
1.4	16QAM	1	0	17.89	17.81	17.73			
1.4	16QAM	1	3	18.15	18.15	17.96			
1.4	16QAM	1	5	17.84	17.86	17.89	19	1	
1.4	16QAM	3	0	17.83	17.74	17.58			
1.4	16QAM	3	1	18.09	18.04	18.02			
1.4	16QAM	3	3	17.76	17.76	17.79	18	2	
1.4	16QAM	6	0	16.70	16.82	16.66			
1.4	64QAM	1	0	16.57	16.61	16.79			
1.4	64QAM	1	3	17.01	16.95	17.04			
1.4	64QAM	1	5	16.67	16.79	16.76	18	2	
1.4	64QAM	3	0	16.59	16.57	16.54			
1.4	64QAM	3	1	16.86	16.92	16.97			
1.4	64QAM	3	3	16.57	16.60	16.71	17	3	
1.4	64QAM	6	0	15.68	15.80	15.80			

Band 4_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 Frequency (MHz)				20090	20175	20300			
20	QPSK	1	0	19.70	19.73	19.74			
20	QPSK	1	49	19.95	20.08	20.02	21	0	
20	QPSK	1	99	19.83	19.74	19.71			
20	QPSK	50	0	18.98	18.99	18.93			
20	QPSK	50	24	18.86	18.86	18.81	20	1	
20	QPSK	50	50	18.85	18.80	18.85			
20	QPSK	100	0	18.82	18.99	18.88			
20	16QAM	1	0	19.18	19.13	19.09			
20	16QAM	1	49	19.26	19.40	19.22	20	1	
20	16QAM	1	99	19.15	19.15	19.04			
20	16QAM	50	0	17.94	17.83	17.73			
20	16QAM	50	24	18.05	17.95	17.89			
20	16QAM	50	50	17.89	17.99	17.83	19	2	
20	16QAM	100	0	17.86	17.99	17.88			
20	64QAM	1	0	18.07	18.16	18.01			
20	64QAM	1	49	18.31	18.33	18.19	19	2	
20	64QAM	1	99	17.83	18.02	17.91			
20	64QAM	50	0	16.85	16.95	16.84			
20	64QAM	50	24	17.00	17.00	17.00	18	3	
20	64QAM	50	50	17.00	17.00	16.99			
20	64QAM	100	0	16.92	16.96	16.92			
Channel Frequency (MHz)				20090	20175	20300	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.73	19.73	19.73			
15	QPSK	1	1	19.79	19.78	19.75			
15	QPSK	1	37	20.03	19.99	19.93	21	0	
15	QPSK	1	74	19.91	19.84	19.66			
15	QPSK	36	0	18.99	18.95	18.91			
15	QPSK	36	36	18.96	18.86	18.79	20	1	
15	QPSK	36	36	18.91	18.99	18.89			
15	QPSK	75	0	18.87	18.98	18.78			
15	16QAM	1	0	19.20	19.15	19.08			
15	16QAM	1	37	19.29	19.35	19.23	20	1	
15	16QAM	1	74	19.09	19.13	19.03			
15	16QAM	36	0	17.89	17.93	17.78			
15	16QAM	36	20	18.06	18.04	17.91	19	2	
15	16QAM	36	36	17.94	18.00	17.89			
15	16QAM	75	0	17.85	17.99	17.84			
15	64QAM	1	0	18.12	18.08	18.00			
15	64QAM	1	37	18.27	18.23	18.16	19	2	
15	64QAM	1	74	17.99	17.92	17.84			
15	64QAM	36	0	16.99	16.87	16.80			
15	64QAM	36	20	17.04	17.07	16.95	18	3	
15	64QAM	36	36	17.06	16.95	16.87			
15	64QAM	75	0	17.06	16.95	16.86			
Channel Frequency (MHz)				20090	20175	20300	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.79	19.85	19.69			
10	QPSK	1	25	20.07	19.96	19.90	21	0	
10	QPSK	1	49	19.86	19.77	19.68			
10	QPSK	25	0	18.96	18.86	18.87			
10	QPSK	25	25	18.81	18.80	18.87	20	1	
10	QPSK	25	25	18.95	18.99	18.85			
10	QPSK	50	0	18.84	18.87	18.80			
10	16QAM	1	0	19.13	19.07	19.07			
10	16QAM	1	25	19.38	19.30	19.22	20	1	
10	16QAM	1	49	19.18	19.11	18.95			
10	16QAM	25	0	17.91	17.86	17.83			
10	16QAM	12	25	17.88	18.06	17.94			
10	16QAM	25	25	17.92	17.92	17.87	19	2	
10	16QAM	50	0	17.89	17.98	17.97			
10	64QAM	1	0	18.07	18.05	18.03			
10	64QAM	1	25	18.35	18.24	18.21	19	2	
10	64QAM	1	49	18.02	17.91	17.89			
10	64QAM	25	0	16.96	16.92	16.78			
10	64QAM	25	12	17.06	17.08	16.94	18	3	
10	64QAM	25	25	17.05	17.02	16.95			
10	64QAM	50	0	16.93	16.95	16.96			
Channel Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.88	19.84	19.77			
5	QPSK	1	12	19.95	20.02	19.93	21	0	
5	QPSK	1	24	19.77	19.79	19.65			
5	QPSK	12	0	18.95	19.02	18.85			
5	QPSK	12	7	18.92	18.85	18.87	20	1	
5	QPSK	12	13	18.97	18.87	18.86			
5	QPSK	25	0	18.91	18.87	18.78			
5	16QAM	1	0	19.09	19.10	19.03			
5	16QAM	1	12	19.25	19.31	19.30	20	1	
5	16QAM	1	24	19.21	19.07	19.07			
5	16QAM	12	0	17.88	17.91	17.86			
5	16QAM	12	7	18.07	18.04	17.94			
5	16QAM	12	13	17.94	17.95	17.87	19	2	
5	16QAM	25	0	17.86	17.95	17.85			
5	16QAM	1	0	18.18	18.12	18.05			
5	64QAM	1	12	19.33	19.29	19.28	19	2	
5	64QAM	1	24	17.95	18.04	17.94			
5	64QAM	12	0	16.91	16.98	16.89			
5	64QAM	12	7	16.97	17.02	16.96			
5	64QAM	12	13	16.94	17.04	16.88	18	3	
5	64QAM	25	0	17.04	17.01	16.98			
Channel Frequency (MHz)				1995	2017.5	2040	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.79	19.89	19.78			
3	QPSK	1	8	20.04	19.96	20.01	21	0	
3	QPSK	1	16	19.82	19.77	19.72			
3	QPSK	8	0	18.89	18.83	18.80			
3	QPSK	8	4	18.89	18.85	18.84	20	1	
3	QPSK	8	10	18.93	19.00	18.82			
3	QPSK	15	0	18.94	18.92	18.93			
3	16QAM	1	0	19.21	19.11	19.11			
3	16QAM	1	8	19.31	19.31	19.26	20	1	
3	16QAM	1	14	19.11	19.06	18.96			
3	16QAM	8	0	17.92	17.87	17.83			
3	16QAM	8	4	18.06	18.06	17.96			
3	16QAM	8	7	17.92	17.93	17.84	19	2	
3	16QAM	15	0	18.00	18.03	17.96			
3	64QAM	1	0	18.12	18.16	17.97			
3	64QAM	1	8	18.34	18.26	18.24	19	2	
3	64QAM	1	14	17.98	18.00	17.85			
3	64QAM	8	0	16.98	16.89	16.78			
3	64QAM	8	4	17.00	17.09	16.98			
3	64QAM	8	7	16.96	17.04	16.92	18	3	
3	64QAM	15	0	16.99	16.93	16.87			
Channel Frequency (MHz)				1995	2017.5	2040	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.74	19.76	19.69			
1.4	QPSK	1	3	19.95	20.03	19.80	21	0	
1.4	QPSK	1	6	19.82	19.74	19.66			
1.4	QPSK	3	0	19.05	19.09	19.01			
1.4	QPSK	3	1	19.87	20.05	19.83			
1.4	QPSK	3	3	19.99	19.98	19.90			
1.4	QPSK	3	6	19.90	19.84	19.86	20	1	
1.4	16QAM	1	0	19.03	19.13	18.97			
1.4	16QAM	1	3	19.34	19.35	19.17			
1.4	16QAM	1	6	19.17	19.11	19.01	20	1	
1.4	16QAM	3	0	18.96	18.99	18.83			
1.4	16QAM	3	1	19.17	19.26	19.12			
1.4	16QAM	3	3	19.05	19.09	18.97			
1.4	16QAM	6	0	17.92	17.90	17.87	19	2	
1.4	64QAM	1	0	18.14	18.02	17.95			
1.4	64QAM	1	3	18.23	18.21	18.12			
1.4	64QAM	1	6	17.94	18.03	17.90			
1.4	64QAM	3	0	17.87	17.88	17.86	19	2	
1.4	64QAM	3	1	18.18	18.09	18.02			
1.4	64QAM	3	3	17.71	17.87	17.84			
1.4	64QAM	6	0	16.91	16.93	16.88	18	3	

Band 5_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				20450	20525	20600			
Frequency (MHz)				20450	20525	20600			
10	QPSK	1	0	22.72	22.76	22.74	24	0	
10	QPSK	1	25	22.80	22.82	22.79			
10	QPSK	1	49	22.87	22.71	22.69			
10	QPSK	25	0	21.77	21.81	21.76			
10	QPSK	25	12	21.76	21.78	21.73	23	1	
10	QPSK	25	25	21.75	21.79	21.76			
10	QPSK	50	0	21.73	21.80	21.76			
10	16QAM	1	0	22.03	22.05	22.01			
10	16QAM	1	25	22.06	22.12	22.08	23	1	
10	16QAM	1	49	21.94	21.97	21.96			
10	16QAM	25	0	20.75	20.79	20.78			
10	16QAM	25	12	20.72	20.77	20.76			
10	16QAM	25	25	20.77	20.81	20.79	22	2	
10	16QAM	50	0	20.80	20.83	20.83			
10	64QAM	1	0	20.88	20.91	20.86			
10	64QAM	1	25	20.96	21.01	21.01			
10	64QAM	1	49	20.92	20.88	20.88	22	2	
10	64QAM	25	0	19.80	19.84	19.83			
10	64QAM	25	12	19.80	19.86	19.85			
10	64QAM	25	25	19.87	19.89	19.87			
10	64QAM	50	0	19.82	19.87	19.86	21	3	
Channel				20425	20525	20625			
Frequency (MHz)				20425	20525	20625			
5	QPSK	1	0	22.66	22.63	22.74	24	0	
5	QPSK	1	12	22.79	22.75	22.66			
5	QPSK	1	24	22.57	22.61	22.61			
5	QPSK	12	0	21.71	21.72	21.61			
5	QPSK	12	7	21.72	21.71	21.62	23	1	
5	QPSK	12	13	21.69	21.66	21.69			
5	QPSK	25	0	21.70	21.67	21.66			
5	16QAM	1	0	21.99	22.05	21.90			
5	16QAM	1	12	22.03	21.98	22.06	23	1	
5	16QAM	1	24	21.89	21.90	21.82			
5	16QAM	12	0	20.69	20.71	20.76			
5	16QAM	12	7	20.72	20.66	20.76			
5	16QAM	12	13	20.69	20.73	20.66	22	2	
5	16QAM	25	0	20.67	20.70	20.77			
5	64QAM	1	0	20.88	20.85	20.75			
5	64QAM	1	12	20.92	20.87	20.99			
5	64QAM	1	24	20.80	20.79	20.73	22	2	
5	64QAM	12	0	19.75	19.69	19.72			
5	64QAM	12	7	19.71	19.74	19.84			
5	64QAM	12	13	19.73	19.76	19.72			
5	64QAM	25	0	19.79	19.82	19.79	21	3	
Channel				20415	20525	20635			
Frequency (MHz)				20415	20525	20635			
3	QPSK	1	0	22.64	22.76	22.67	24	0	
3	QPSK	1	8	22.80	22.78	22.71			
3	QPSK	1	14	22.54	22.61	22.67			
3	QPSK	8	0	21.76	21.74	21.75			
3	QPSK	8	4	21.67	21.72	21.61	23	1	
3	QPSK	8	7	21.69	21.73	21.71			
3	QPSK	15	0	21.71	21.77	21.75			
3	16QAM	1	0	21.97	22.05	21.90			
3	16QAM	1	8	21.95	22.02	22.06	23	1	
3	16QAM	1	14	21.84	21.87	21.87			
3	16QAM	8	0	20.61	20.66	20.63			
3	16QAM	8	4	20.64	20.77	20.62			
3	16QAM	8	7	20.74	20.80	20.78	22	2	
3	16QAM	15	0	20.69	20.77	20.69			
3	64QAM	1	0	20.74	20.84	20.82			
3	64QAM	1	8	20.95	20.98	20.96			
3	64QAM	1	14	20.69	20.87	20.81	22	2	
3	64QAM	8	0	19.75	19.83	19.68			
3	64QAM	8	4	19.78	19.78	19.77			
3	64QAM	8	7	19.75	19.85	19.72			
3	64QAM	15	0	19.67	19.75	19.81	21	3	
Channel				20407	20525	20643			
Frequency (MHz)				20407	20525	20643			
1.4	QPSK	1	0	22.67	22.61	22.72	24	0	
1.4	QPSK	1	3	22.72	22.79	22.78			
1.4	QPSK	1	5	22.66	22.69	22.67			
1.4	QPSK	3	0	22.60	22.56	22.70			
1.4	QPSK	3	1	22.52	22.64	22.69	23	1	
1.4	QPSK	3	3	22.51	22.61	22.58			
1.4	QPSK	6	0	21.62	21.69	21.67			
1.4	16QAM	1	0	21.91	21.99	22.01			
1.4	16QAM	1	3	22.04	22.06	21.97	23	1	
1.4	16QAM	1	5	21.84	21.97	21.82			
1.4	16QAM	3	0	21.87	21.88	21.96			
1.4	16QAM	3	1	21.84	21.84	21.88			
1.4	16QAM	3	3	21.73	21.87	21.78	22	2	
1.4	16QAM	6	0	20.76	20.80	20.72			
1.4	64QAM	1	0	20.79	20.89	20.74			
1.4	64QAM	1	3	20.90	20.97	21.00			
1.4	64QAM	1	5	20.69	20.73	20.81	22	2	
1.4	64QAM	3	0	20.74	20.85	20.71			
1.4	64QAM	3	1	20.81	20.92	20.88			
1.4	64QAM	3	3	20.57	20.61	20.72			
1.4	64QAM	6	0	19.78	19.74	19.81	21	3	

Band 7_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				20850	21100	21350			
Frequency (MHz)				2110	2095	2090			
20	QPSK	1	0	17.38	17.42	17.35	18.5	0	
20	QPSK	1	49	17.39	17.47	17.39			
20	QPSK	1	99	17.39	17.38	17.39			
20	QPSK	50	0	16.38	16.39	16.30			
20	QPSK	50	24	16.33	16.37	16.23	17.5	1	
20	QPSK	50	50	16.36	16.37	16.26			
20	QPSK	100	0	16.35	16.37	16.32			
20	16QAM	1	0	16.43	16.52	16.45			
20	16QAM	1	49	16.62	16.63	16.56	17.5	1	
20	16QAM	1	99	16.32	16.34	16.27			
20	16QAM	50	0	15.35	15.41	15.20			
20	16QAM	50	24	15.32	15.35	15.27			
20	16QAM	50	50	15.35	15.38	15.31	16.5	2	
20	16QAM	100	0	15.34	15.29	15.21			
20	64QAM	1	0	15.36	15.40	15.28			
20	64QAM	1	49	15.56	15.49	15.39			
20	64QAM	1	99	15.17	15.27	15.23	16.5	2	
20	64QAM	50	0	14.39	14.37	14.31			
20	64QAM	50	24	14.36	14.39	14.34			
20	64QAM	50	50	14.37	14.33	14.29			
20	64QAM	100	0	14.26	14.30	14.26	15.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2097.5	2105	2092.5			
15	QPSK	1	0	17.33	17.42	17.38	18.5	0	
15	QPSK	1	37	17.30	17.45	17.33			
15	QPSK	1	74	17.35	17.41	17.28			
15	QPSK	38	0	16.28	16.39	16.36			
15	QPSK	38	20	16.27	16.36	16.37	17.5	1	
15	QPSK	38	38	16.24	16.42	16.30			
15	QPSK	76	0	16.30	16.40	16.22			
15	16QAM	1	0	16.44	16.49	16.47			
15	16QAM	1	37	16.67	16.71	16.58	17.5	1	
15	16QAM	1	74	16.35	16.44	16.34			
15	16QAM	38	0	15.28	15.33	15.22			
15	16QAM	38	20	15.23	15.39	15.19			
15	16QAM	38	38	15.31	15.40	15.22	16.5	2	
15	16QAM	76	0	15.25	15.35	15.28			
15	16QAM	1	0	15.34	15.33	15.33			
15	64QAM	1	37	15.51	15.53	15.40			
15	64QAM	1	74	15.25	15.32	15.19	16.5	2	
15	64QAM	38	0	14.32	14.34	14.26			
15	64QAM	38	20	14.39	14.36	14.24			
15	64QAM	38	38	14.37	14.30	14.27			
15	64QAM	76	0	14.31	14.29	14.27	15.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2095	2095	2095			
10	QPSK	1	0	17.21	17.17	17.20	18.5	0	
10	QPSK	1	25	17.31	17.36	17.34			
10	QPSK	1	49	17.07	17.13	16.95			
10	QPSK	25	0	16.27	16.43	16.36			
10	QPSK	25	12	16.39	16.39	16.35	17.5	1	
10	QPSK	25	25	16.29	16.30	16.28			
10	QPSK	50	0	16.34	16.34	16.32			
10	16QAM	1	0	16.45	16.51	16.42			
10	16QAM	1	1	16.67	16.61	16.60	17.5	1	
10	16QAM	1	49	16.28	16.34	16.32			
10	16QAM	25	0	15.32	15.37	15.29			
10	16QAM	25	12	15.28	15.32	15.25			
10	16QAM	25	25	15.37	15.27	15.27	16.5	2	
10	16QAM	50	0	15.32	15.32	15.27			
10	64QAM	1	0	15.32	15.42	15.36			
10	64QAM	1	25	15.36	15.58	15.40			
10	64QAM	1	49	15.30	15.29	15.25	16.5	2	
10	64QAM	25	0	14.33	14.41	14.36			
10	64QAM	25	12	14.42	14.41	14.36			
10	64QAM	25	25	14.33	14.34	14.34			
10	64QAM	50	0	14.28	14.36	14.34	15.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2092.5	2105	2097.5			
5	QPSK	1	0	17.22	17.26	17.11	18.5	0	
5	QPSK	1	12	17.36	17.35	17.39			
5	QPSK	1	24	17.07	17.00	17.09			
5	QPSK	12	0	16.33	16.31	16.32			
5	QPSK	12	7	16.30	16.30	16.34	17.5	1	
5	QPSK	12	13	16.35	16.41	16.38			
5	QPSK	25	0	16.38	16.41	16.26			
5	16QAM	1	0	16.56	16.60	16.55			
5	16QAM	1	12	16.64	16.73	16.60	17.5	1	
5	16QAM	1	24	16.34	16.39	16.27			
5	16QAM	12	0	15.40	15.28	15.25			
5	16QAM	12	7	15.33	15.32	15.26			
5	16QAM	12	13	15.39	15.38	15.25	16.5	2	
5	16QAM	25	0	15.32	15.35	15.21			
5	64QAM	1	0	15.36	15.34	15.25			
5	64QAM	1	12	15.52	15.48	15.39			
5	64QAM	1	24	15.23	15.21	15.27	16.5	2	
5	64QAM	12	0	14.36	14.32	14.36			
5	64QAM	12	7	14.40	14.35	14.37			
5	64QAM	12	13	14.28	14.28	14.35			
5	64QAM	25	0	14.37	14.35	14.34	15.5	3	

Band 13_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				23230					
Frequency (MHz)				782.5					
10	QPSK	1	0	22.75			24	0	
10	QPSK	1	25	22.91					
10	QPSK	1	49	22.86					
10	QPSK	25	0	21.83			23	1	
10	QPSK	25	12	21.82					
10	QPSK	25	25	21.79					
10	QPSK	50	0	21.80			23	1	
10	16QAM	1	0	22.07					
10	16QAM	1	25	22.21					
10	16QAM	1	49	22.04			22	2	
10	16QAM	25	0	20.92					
10	16QAM	25	12	20.95					
10	16QAM	25	25	20.88			22	2	
10	16QAM	50	0	20.93					
10	64QAM	1	0	21.05					
10	64QAM	1	25	21.20			22	2	
10	64QAM	1	49	20.92					
10	64QAM	25	0	19.91					
10	64QAM	25	12	19.93			21	3	
10	64QAM	25	25	19.88					
10	64QAM	50	0	19.89					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.63	22.67	22.65	24	0	
5	QPSK	1	12	22.86	22.88	22.90			
5	QPSK	1	24	22.59	22.65	22.62			
5	QPSK	12	0	21.78	21.84	21.78	23	1	
5	QPSK	12	7	21.76	21.79	21.81			
5	QPSK	12	13	21.75	21.79	21.78			
5	QPSK	25	0	21.75	21.77	21.79	23	1	
5	16QAM	1	0	22.04	22.10	22.05			
5	16QAM	1	12	22.15	22.18	22.16			
5	16QAM	1	24	22.00	22.05	21.99	22	2	
5	16QAM	12	0	20.87	20.89	20.89			
5	16QAM	12	7	20.92	20.99	20.91			
5	16QAM	12	13	20.84	20.91	20.86	22	2	
5	16QAM	25	0	20.90	20.92	20.91			
5	64QAM	1	0	21.03	21.10	21.00			
5	64QAM	1	12	21.15	21.21	21.20	22	2	
5	64QAM	1	24	20.77	20.81	20.77			
5	64QAM	12	0	19.86	19.92	19.89			
5	64QAM	12	7	19.86	19.93	19.91	21	3	
5	64QAM	12	13	19.84	19.91	19.83			
5	64QAM	25	0	19.85	19.88	19.84			

Band 26_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				26765	26865	26965			
Frequency (MHz)				826.5	826.5	826.5			
15	QPSK	1	0	22.64	22.70	22.66	24	0	
15	QPSK	1	37	22.89	22.92	22.87			
15	QPSK	1	74	22.61	22.68	22.67			
15	QPSK	36	0	21.77	21.85	21.79	23	1	
15	QPSK	36	20	21.76	21.79	21.78			
15	QPSK	36	37	21.76	21.80	21.77			
15	QPSK	75	0	21.75	21.78	21.73	23	1	
15	16QAM	1	0	21.86	21.92	21.90			
15	16QAM	1	37	22.20	22.23	22.20			
15	16QAM	1	74	21.83	21.91	21.89	22	2	
15	16QAM	36	0	20.73	20.76	20.70			
15	16QAM	36	20	20.73	20.79	20.73			
15	16QAM	36	37	20.69	20.75	20.77	22	2	
15	16QAM	75	0	20.74	20.80	20.77			
15	64QAM	1	0	20.92	20.95	20.91			
15	64QAM	1	37	21.03	21.11	21.06	22	2	
15	64QAM	1	74	20.75	20.84	20.81			
15	64QAM	36	0	19.80	19.84	19.80			
15	64QAM	36	20	19.82	19.88	19.83	21	3	
15	64QAM	36	37	19.78	19.85	19.84			
15	64QAM	75	0	19.80	19.84	19.81			
Channel				26740	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831	831.5	831			
10	QPSK	1	0	22.59	22.64	22.59	24	0	
10	QPSK	1	25	22.83	22.84	22.72			
10	QPSK	1	49	22.49	22.64	22.62			
10	QPSK	25	0	21.71	21.79	21.73	23	1	
10	QPSK	25	12	21.73	21.79	21.74			
10	QPSK	25	25	21.63	21.78	21.76			
10	QPSK	50	0	21.67	21.78	21.61	23	1	
10	16QAM	1	0	21.71	21.88	21.81			
10	16QAM	1	25	22.09	22.16	22.05			
10	16QAM	1	49	21.72	21.77	21.73	22	2	
10	16QAM	25	0	20.65	20.64	20.70			
10	16QAM	25	12	20.65	20.65	20.70			
10	16QAM	25	25	20.63	20.63	20.64	22	2	
10	16QAM	50	0	20.64	20.72	20.76			
10	64QAM	1	0	20.92	20.93	20.86			
10	64QAM	1	25	20.88	21.10	21.01	22	2	
10	64QAM	1	49	20.67	20.74	20.69			
10	64QAM	25	0	19.73	19.84	19.74			
10	64QAM	25	12	19.69	19.82	19.69	21	3	
10	64QAM	25	25	19.64	19.83	19.75			
10	64QAM	50	0	19.79	19.69	19.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836.5	833.5	846.5			
5	QPSK	1	0	22.52	22.69	22.52	24	0	
5	QPSK	1	12	22.84	22.89	22.80			
5	QPSK	1	24	22.61	22.60	22.59			
5	QPSK	12	0	21.63	21.74	21.71	23	1	
5	QPSK	12	7	21.75	21.71	21.67			
5	QPSK	12	13	21.73	21.80	21.69			
5	QPSK	25	0	21.70	21.75	21.67	23	1	
5	16QAM	1	0	21.86	21.81	21.81			
5	16QAM	1	12	22.07	22.15	22.07			
5	16QAM	1	24	21.83	21.75	21.74	22	2	
5	16QAM	12	0	20.68	20.73	20.68			
5	16QAM	12	7	20.68	20.77	20.71			
5	16QAM	12	13	20.67	20.69	20.69	22	2	
5	16QAM	25	0	20.60	20.71	20.70			
5	64QAM	1	0	20.78	20.93	20.91			
5	64QAM	1	12	21.00	21.04	21.04	22	2	
5	64QAM	1	24	20.71	20.70	20.67			
5	64QAM	12	0	19.74	19.79	19.70			
5	64QAM	12	7	19.81	19.81	19.71	21	3	
5	64QAM	12	13	19.86	19.71	19.76			
5	64QAM	25	0	19.79	19.84	19.75			
Channel				26795	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				833.5	833.5	847.5			
3	QPSK	1	0	22.63	22.55	22.65	24	0	
3	QPSK	1	8	22.81	22.88	22.74			
3	QPSK	1	14	22.56	22.66	22.55			
3	QPSK	8	0	21.70	21.83	21.77	23	1	
3	QPSK	8	4	21.64	21.69	21.73			
3	QPSK	8	7	21.69	21.74	21.67			
3	QPSK	16	0	21.63	21.78	21.66	23	1	
3	16QAM	1	0	21.75	21.88	21.90			
3	16QAM	1	8	21.16	21.16	21.20			
3	16QAM	1	14	21.71	21.88	21.77	22	2	
3	16QAM	8	0	20.65	20.63	20.70			
3	16QAM	8	4	20.69	20.71	20.64			
3	16QAM	8	7	20.60	20.68	20.70	22	2	
3	16QAM	15	0	20.74	20.65	20.83			
3	64QAM	1	0	20.78	20.90	20.83			
3	64QAM	1	8	20.90	20.96	20.87	22	2	
3	64QAM	1	14	20.66	20.72	20.81			
3	64QAM	8	0	19.79	19.80	19.78			
3	64QAM	8	4	19.81	19.83	19.77	21	3	
3	64QAM	8	7	19.78	19.78	19.82			
3	64QAM	15	0	19.80	19.70	19.77			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				843.9	833.5	843.9			
1.4	QPSK	1	0	22.49	22.55	22.61	24	0	
1.4	QPSK	1	3	22.86	22.81	22.77			
1.4	QPSK	1	6	22.52	22.56	22.57			
1.4	QPSK	3	0	22.47	22.50	22.58	23	1	
1.4	QPSK	3	1	22.84	22.66	22.67			
1.4	QPSK	3	3	22.50	22.42	22.53			
1.4	QPSK	3	6	21.67	21.75	21.65	23	1	
1.4	16QAM	1	0	21.72	21.91	21.76			
1.4	16QAM	1	3	22.11	22.20	22.19			
1.4	16QAM	1	6	21.77	21.82	21.78	23	1	
1.4	16QAM	3	0	21.68	21.84	21.81			
1.4	16QAM	3	1	22.02	22.06	22.04			
1.4	16QAM	3	3	21.63	21.71	21.77	22	2	
1.4	16QAM	6	0	20.72	20.69	20.64			
1.4	64QAM	1	0	20.89	20.83	20.87			
1.4	64QAM	1	3	20.97	20.96	21.03	22	2	
1.4	64QAM	1	6	21.70	20.90	20.70			
1.4	64QAM	3	0	20.74	20.75	20.79			
1.4	64QAM	3	1	20.89	20.91	20.86	21	3	
1.4	64QAM	3	3	20.67	20.66	20.66			
1.4	64QAM	6	0	19.69	19.71	19.67			

Band 66_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				133072	133322	133572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.79	19.77	19.69	21	0	
20	QPSK	1	48	19.95	20.11	19.98			
20	QPSK	1	96	19.88	19.93	19.77			
20	QPSK	50	0	18.99	19.06	18.86			
20	QPSK	50	24	18.98	19.01	18.90	20	1	
20	QPSK	50	50	18.90	18.87	18.80			
20	QPSK	100	0	18.93	18.95	18.94			
20	16QAM	1	0	19.02	19.01	18.94			
20	16QAM	1	48	19.22	19.29	19.22	20	1	
20	16QAM	1	96	19.17	19.17	19.12			
20	16QAM	50	0	18.06	17.99	17.89			
20	16QAM	50	24	17.97	18.04	17.96			
20	16QAM	50	50	17.93	18.00	17.96	19	2	
20	16QAM	100	0	17.92	18.01	17.93			
20	64QAM	1	0	17.97	17.94	17.86			
20	64QAM	1	48	18.17	18.23	18.21			
20	64QAM	1	96	18.10	18.25	18.16	19	2	
20	64QAM	50	0	17.06	17.11	17.09			
20	64QAM	50	24	17.08	17.04	17.02			
20	64QAM	50	50	16.95	16.95	16.91			
20	64QAM	100	0	16.96	17.01	16.94	18	3	
Channel				133047	133322	133597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.75	19.81	19.75	21	0	
15	QPSK	1	37	19.99	20.09	19.95			
15	QPSK	1	74	19.79	19.94	19.91			
15	QPSK	36	0	18.93	18.98	18.93			
15	QPSK	36	20	18.90	19.01	18.89	20	1	
15	QPSK	36	39	18.89	18.98	18.78			
15	QPSK	75	0	18.97	18.92	18.97			
15	16QAM	1	0	19.07	19.03	19.02			
15	16QAM	1	37	19.22	19.37	19.21	20	1	
15	16QAM	1	74	19.15	19.14	19.12			
15	16QAM	36	0	17.96	18.02	17.99			
15	16QAM	36	20	17.96	17.94	17.89			
15	16QAM	36	39	17.91	17.96	17.84	19	2	
15	16QAM	75	0	17.92	17.97	17.90			
15	64QAM	1	0	17.92	17.92	17.85			
15	64QAM	1	37	18.22	18.36	18.26			
15	64QAM	1	74	18.08	18.22	18.17	19	2	
15	64QAM	36	0	17.03	17.09	17.11			
15	64QAM	36	20	16.99	16.98	16.98			
15	64QAM	36	39	17.01	16.96	16.93			
15	64QAM	75	0	16.98	16.96	16.92	18	3	
Channel				133022	133322	133622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.71	19.82	19.75	21	0	
10	QPSK	1	25	19.96	20.03	19.97			
10	QPSK	1	49	19.90	19.82	19.77			
10	QPSK	25	0	18.98	18.95	18.98			
10	QPSK	25	12	18.91	19.01	18.98	20	1	
10	QPSK	25	25	18.93	18.98	18.90			
10	QPSK	50	0	18.87	18.99	18.97			
10	16QAM	1	0	19.08	19.00	18.93			
10	16QAM	1	25	19.29	19.34	19.24	20	1	
10	16QAM	1	49	19.15	19.20	19.12			
10	16QAM	25	0	18.03	18.03	17.96			
10	16QAM	25	12	17.98	18.01	17.93			
10	16QAM	25	25	17.94	17.89	17.86	19	2	
10	16QAM	50	0	17.94	17.92	17.91			
10	64QAM	1	0	17.83	17.96	17.85			
10	64QAM	1	25	18.20	18.36	18.28			
10	64QAM	1	49	18.18	18.12	18.13	19	2	
10	64QAM	25	0	17.09	17.15	17.00			
10	64QAM	25	12	17.06	17.10	17.04			
10	64QAM	25	25	16.98	17.02	16.90			
10	64QAM	50	0	17.03	17.04	16.93	18	3	
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.81	19.77	19.77	21	0	
5	QPSK	1	12	19.97	20.08	19.93			
5	QPSK	1	24	19.93	19.93	19.90			
5	QPSK	12	0	19.00	19.07	19.00			
5	QPSK	12	7	18.90	19.00	18.93	20	1	
5	QPSK	12	13	18.96	18.89	18.79			
5	QPSK	25	0	18.95	18.95	18.93			
5	16QAM	1	0	19.06	19.13	18.98			
5	16QAM	1	12	19.35	19.27	19.20	20	1	
5	16QAM	1	24	19.15	19.22	19.06			
5	16QAM	12	0	18.01	18.07	17.98			
5	16QAM	12	7	17.91	17.93	17.93			
5	16QAM	12	13	17.88	18.02	17.89	19	2	
5	16QAM	25	0	17.96	18.02	17.91			
5	64QAM	1	0	17.89	17.87	17.86			
5	64QAM	1	12	18.16	18.32	18.16			
5	64QAM	1	24	18.09	18.14	18.19	19	2	
5	64QAM	12	0	16.96	17.01	17.08			
5	64QAM	12	7	16.95	17.09	16.99			
5	64QAM	12	13	16.98	16.98	17.03			
5	64QAM	25	0	16.92	17.00	16.98	18	3	
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.79	19.81	19.67	21	0	
3	QPSK	1	8	20.05	20.09	19.95			
3	QPSK	1	14	19.77	19.87	19.86			
3	QPSK	8	0	19.00	19.06	18.94			
3	QPSK	8	4	18.85	19.03	19.01	20	1	
3	QPSK	8	7	18.90	18.98	18.87			
3	QPSK	15	0	18.86	18.93	18.95			
3	16QAM	1	0	18.97	19.12	18.99			
3	16QAM	1	8	19.35	19.35	19.32	20	1	
3	16QAM	1	14	19.12	19.23	19.20			
3	16QAM	8	0	18.04	18.02	17.91			
3	16QAM	8	4	18.00	18.03	17.99			
3	16QAM	8	7	17.99	18.01	17.87	19	2	
3	16QAM	15	0	17.99	18.04	17.89			
3	64QAM	1	0	17.85	17.87	17.82			
3	64QAM	1	8	18.20	18.31	18.22			
3	64QAM	1	14	18.06	18.12	18.12	19	2	
3	64QAM	8	0	17.02	17.06	17.10			
3	64QAM	8	4	16.98	16.98	17.00			
3	64QAM	8	7	16.97	16.95	16.98			
3	64QAM	15	0	16.99	17.03	16.91	18	3	
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.5	1745	1780.5	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.95	19.70	19.65	21	0	
1.4	QPSK	1	3	19.82	19.93	19.89			
1.4	QPSK	1	5	19.86	19.83	19.81			
1.4	QPSK	3	0	19.91	19.84	19.97			
1.4	QPSK	3	1	19.84	19.85	19.75	20	1	
1.4	QPSK	3	3	19.74	19.66	19.85			
1.4	QPSK	6	0	18.92	18.91	18.81			
1.4	16QAM	1	0	19.01	19.02	18.88			
1.4	16QAM	1	3	19.07	19.19	19.31	20	1	
1.4	16QAM	1	5	19.04	19.12	19.10			
1.4	16QAM	3	0	19.05	18.91	18.74			
1.4	16QAM	3	1	19.08	19.11	19.25			
1.4	16QAM	3	3	19.11	19.01	19.07	20	1	
1.4	16QAM	6	0	17.83	17.96	17.88			
1.4	64QAM	1	0	17.74	17.83	17.79			
1.4	64QAM	1	3	18.10	18.17	18.07			
1.4	64QAM	1	5	17.86	18.12	18.06	19	2	
1.4	64QAM	3	0	17.67	17.76	17.86			
1.4	64QAM	3	1	18.02	18.09	18.06			
1.4	64QAM	3	3	17.87	18.15	17.86			
1.4	64QAM	6	0	16.88	17.01	17.00	18	3	

LTE Band 38_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				37850	38000	38150			
Frequency (MHz)				2645	2660	2675			
20	QPSK	1	0	19.92	19.91	19.70	21	0	
20	QPSK	1	49	19.89	19.95	19.80			
20	QPSK	1	99	19.33	19.39	19.20			
20	QPSK	50	0	18.89	18.87	18.59			
20	QPSK	50	24	18.84	18.86	18.58	20	1	
20	QPSK	50	50	18.87	18.74	18.60			
20	QPSK	100	0	18.73	18.74	18.61			
20	16QAM	1	0	18.87	19.03	18.75			
20	16QAM	1	49	19.05	19.08	18.95	20	1	
20	16QAM	1	99	18.54	18.56	18.44			
20	16QAM	50	0	17.82	17.87	17.64			
20	16QAM	50	24	17.86	17.90	17.70			
20	16QAM	50	50	17.28	17.27	17.28	19	2	
20	16QAM	100	0	17.69	17.83	17.66			
20	64QAM	1	0	17.80	17.49	17.39			
20	64QAM	1	49	17.87	17.71	17.83			
20	64QAM	1	99	17.04	17.11	17.03	19	2	
20	64QAM	50	0	16.83	16.78	16.62			
20	64QAM	50	24	16.79	16.93	16.63			
20	64QAM	50	50	16.95	16.70	16.58			
20	64QAM	100	0	16.75	16.80	16.63	18	3	
Channel				37825	38000	38175			
Frequency (MHz)				2642.5	2660	2677.5			
15	QPSK	1	0	19.77	19.82	19.74	21	0	
15	QPSK	1	37	19.90	19.90	19.79			
15	QPSK	1	74	19.47	19.49	19.29			
15	QPSK	36	0	18.81	18.85	18.58			
15	QPSK	36	20	18.83	18.77	18.59	20	1	
15	QPSK	36	39	18.71	18.75	18.60			
15	QPSK	75	0	18.77	18.71	18.57			
15	16QAM	1	0	18.97	18.97	18.74			
15	16QAM	1	37	18.97	19.02	18.96	20	1	
15	16QAM	1	74	18.85	18.86	18.58			
15	16QAM	36	0	17.83	17.83	17.66			
15	16QAM	36	20	17.77	17.94	17.70			
15	16QAM	36	39	17.73	17.71	17.62	19	2	
15	16QAM	75	0	17.71	17.86	17.59			
15	64QAM	1	0	17.59	17.52	17.31			
15	64QAM	1	37	17.68	17.73	17.42			
15	64QAM	1	74	17.13	17.09	17.05	19	2	
15	64QAM	36	0	16.85	16.79	16.63			
15	64QAM	36	20	16.80	16.85	16.69			
15	64QAM	36	39	16.87	16.70	16.57			
15	64QAM	75	0	16.71	16.81	16.56	18	3	
Channel				37800	38000	38200			
Frequency (MHz)				2640	2660	2680			
10	QPSK	1	0	19.74	19.91	19.70	21	0	
10	QPSK	1	25	19.90	19.90	19.80			
10	QPSK	1	49	19.36	19.40	19.19			
10	QPSK	25	0	18.69	18.78	18.65			
10	QPSK	25	12	18.73	18.84	18.62	20	1	
10	QPSK	25	25	18.69	18.77	18.53			
10	QPSK	50	0	18.80	18.78	18.60			
10	16QAM	1	0	18.96	18.91	18.72			
10	16QAM	1	25	18.95	19.01	18.96	20	1	
10	16QAM	1	49	18.54	18.56	18.36			
10	16QAM	25	0	17.82	17.89	17.71			
10	16QAM	25	12	17.87	17.96	17.66			
10	16QAM	25	25	17.71	17.71	17.67	19	2	
10	16QAM	50	0	17.77	17.84	17.65			
10	64QAM	1	0	17.82	17.85	17.34			
10	64QAM	1	25	17.67	17.74	17.51			
10	64QAM	1	49	17.11	17.18	17.05	19	2	
10	64QAM	25	0	16.74	16.77	16.59			
10	64QAM	25	12	16.82	16.89	16.74			
10	64QAM	25	25	16.74	16.73	16.54			
10	64QAM	50	0	16.73	16.85	16.68	18	3	
Channel				37775	38000	38225			
Frequency (MHz)				2637.5	2660	2682.5			
5	QPSK	1	0	19.79	19.82	19.74	21	0	
5	QPSK	1	12	19.85	19.92	19.74			
5	QPSK	1	24	19.47	19.46	19.33			
5	QPSK	12	0	18.79	18.77	18.69			
5	QPSK	12	7	18.74	18.85	18.58	20	1	
5	QPSK	12	13	18.70	18.74	18.51			
5	QPSK	25	0	18.74	18.82	18.56			
5	16QAM	1	0	18.87	18.96	18.72			
5	16QAM	1	12	19.01	19.11	18.99	20	1	
5	16QAM	1	24	18.84	18.84	18.65			
5	16QAM	12	0	17.78	17.83	17.69			
5	16QAM	12	7	17.82	17.82	17.68			
5	16QAM	12	13	17.68	17.75	17.50	19	2	
5	16QAM	25	0	17.71	17.73	17.65			
5	64QAM	1	0	17.52	17.54	17.39			
5	64QAM	1	12	17.65	17.71	17.47			
5	64QAM	1	24	17.08	17.20	17.05	19	2	
5	64QAM	12	0	16.77	16.76	16.65			
5	64QAM	12	7	16.85	16.91	16.63			
5	64QAM	12	13	16.72	16.73	16.50			
5	64QAM	25	0	16.81	16.84	16.66	18	3	

Reduced Power for DSI7

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		198	180	245	Limit		198	180	245	Limit	
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot		29.70	29.75	29.76	31.00		20.70	20.75	20.76	22.00	
GPRS 1 Tx slot		29.72	29.86	29.74	31.00		20.72	20.86	20.74	22.00	
GPRS 2 Tx slots		27.73	27.83	27.81	29.00		21.73	21.83	21.81	23.00	
GPRS 3 Tx slots		25.62	25.72	25.70	27.00		21.36	21.46	21.44	22.74	
GPRS 4 Tx slots		23.85	23.87	23.88	25.00		20.85	20.87	20.88	22.00	
EDGE 1 Tx slot		23.75	23.80	23.84	25.00		14.75	14.80	14.84	16.00	
EDGE 2 Tx slots		22.13	22.17	22.16	23.00		16.13	16.17	16.16	17.00	
EDGE 3 Tx slots		20.09	20.11	20.12	21.00		15.83	15.85	15.86	16.74	
EDGE 4 Tx slots		17.57	17.55	17.48	18.50		14.57	14.55	14.48	15.50	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1852.4	1880	1909.8			1852.4	1880	1909.8		
GSM 1 Tx slot		19.32	19.13	18.92	20.50		10.32	10.13	9.92	11.50	
GPRS 1 Tx slot		19.38	19.22	19.11	20.50		10.38	10.22	10.11	11.50	
GPRS 2 Tx slots		17.46	17.52	17.30	18.50		11.46	11.52	11.30	12.50	
GPRS 3 Tx slots		15.41	15.20	15.08	16.50		11.16	10.94	10.82	12.24	
GPRS 4 Tx slots		13.35	13.22	13.06	14.50		10.35	10.22	10.06	11.50	
EDGE 1 Tx slot		15.61	15.38	15.26	16.50		6.61	6.38	6.26	7.50	
EDGE 2 Tx slots		14.04	13.99	13.89	14.50		6.04	7.99	7.89	8.50	
EDGE 3 Tx slots		12.21	12.08	11.85	12.50		7.95	7.82	7.59	8.24	
EDGE 4 Tx slots		10.17	9.91	9.79	10.50		7.17	6.91	6.79	7.50	

Band		WCDMA II_Ant 0			Tune-up		WCDMA IV_Ant 0			Tune-up		WCDMA V_Ant 0			Tune-up	
TX Channel		5292	5600	5938	Limit		1312	1413	1513	Limit		4132	4182	4233	Limit	
Frequency (MHz)		1852.4	1880	1907.6			1712.4	1732.6	1752.6			4262.4	4302.4	4342.6		
3GPP Rel 99	AMR 12.2Kbps	13.20	13.24	13.22	14.50		14.46	14.51	14.50	15.50		21.31	21.33	21.32	22.50	
3GPP Rel 99	RMCS 12.2Kbps	13.30	13.32	13.28	14.50		14.47	14.57	14.52	15.50		21.35	21.38	21.37	22.50	
3GPP Rel 6	HSDPA Subtest-1	12.05	12.19	12.14	13.50		13.34	13.27	13.40	14.50		20.14	20.17	20.10	21.50	
3GPP Rel 6	HSDPA Subtest-2	12.00	12.23	12.03	13.50		13.28	13.32	13.33	14.50		20.06	20.05	20.01	21.50	
3GPP Rel 6	HSDPA Subtest-3	11.61	11.67	11.62	13.00		12.73	12.76	12.88	14.00		19.49	19.48	19.51	21.00	
3GPP Rel 6	HSDPA Subtest-4	11.46	11.59	11.54	13.00		12.78	12.80	12.88	14.00		19.48	19.52	19.49	21.00	
3GPP Rel 6	DC-HSDPA Subtest-1	11.89	12.21	12.10	13.50		13.26	13.25	13.26	14.50		20.15	20.14	20.10	21.50	
3GPP Rel 6	DC-HSDPA Subtest-2	11.95	12.15	11.95	13.50		13.19	13.16	13.16	14.50		19.94	19.88	19.86	21.50	
3GPP Rel 6	DC-HSDPA Subtest-3	11.46	11.61	11.56	13.00		12.70	12.70	12.76	14.00		19.46	19.43	19.40	21.00	
3GPP Rel 6	DC-HSDPA Subtest-4	11.37	11.58	11.44	13.00		12.72	12.61	12.68	14.00		19.44	19.39	19.42	21.00	
3GPP Rel 6	HSUPA Subtest-1	11.01	10.74	10.76	12.00		11.92	11.90	11.97	13.00		18.70	18.72	18.76	20.00	
3GPP Rel 6	HSUPA Subtest-2	10.60	10.82	10.79	12.00		11.51	11.78	12.01	13.00		18.76	18.75	18.70	20.00	
3GPP Rel 6	HSUPA Subtest-3	11.71	11.82	11.79	13.00		12.88	12.91	12.96	14.00		19.67	19.68	19.70	21.00	
3GPP Rel 6	HSUPA Subtest-4	10.19	10.29	10.27	11.50		11.34	11.42	11.41	12.50		18.28	18.22	18.27	19.50	
3GPP Rel 6	HSUPA Subtest-5	11.63	11.68	11.51	13.00		12.89	12.86	12.99	14.00		19.61	19.59	19.62	21.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	10.63	10.75	10.66	12.00		11.85	11.83	11.85	13.00		18.69	18.70	18.71	20.00	

Band 2_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 Frequency (MHz)									
18650 18660 18670									
20	QPSK	1	0	13.51	13.56	13.64			
20	QPSK	1	49	13.78	13.88	13.81	15	0	
20	QPSK	1	99	13.62	13.61	13.61			
20	QPSK	50	0	12.80	12.97	12.84			
20	QPSK	50	24	12.79	12.85	12.83	14	1	
20	QPSK	50	50	12.71	12.74	12.81			
20	QPSK	100	0	12.78	12.85	12.84			
20	16QAM	1	0	12.87	12.94	12.87			
20	16QAM	1	49	13.06	13.09	13.16	14	1	
20	16QAM	1	99	12.97	12.97	12.97			
20	16QAM	50	0	11.97	11.90	11.88			
20	16QAM	50	24	11.74	11.85	11.72	13	2	
20	16QAM	50	50	11.86	11.80	11.72			
20	16QAM	100	0	11.83	11.80	11.80			
20	64QAM	1	0	11.73	11.72	11.68			
20	64QAM	1	49	12.08	12.10	11.93	13	2	
20	64QAM	1	99	11.87	11.76	11.70			
20	64QAM	50	0	10.86	10.79	10.79			
20	64QAM	50	24	10.73	10.89	10.77			
20	64QAM	50	50	10.86	10.90	10.90	12	3	
20	64QAM	100	0	10.80	10.84	10.81			
Channel Frequency (MHz)									
18675 18680 18685									
15	QPSK	1	0	13.09	13.00	13.51			
15	QPSK	1	37	13.74	13.81	13.77	15	0	
15	QPSK	1	74	13.56	13.55	13.55			
15	QPSK	36	0	12.83	12.86	12.79			
15	QPSK	36	20	12.80	12.78	12.76	14	1	
15	QPSK	36	36	12.82	12.76	12.89			
15	QPSK	0	75	12.84	12.83	12.76			
15	16QAM	1	0	12.92	12.88	12.88			
15	16QAM	1	37	13.04	13.11	13.15	14	1	
15	16QAM	1	74	12.89	12.92	12.87			
15	16QAM	36	0	11.85	11.77	11.80			
15	16QAM	36	20	11.78	11.85	11.73	13	2	
15	16QAM	36	36	11.80	11.80	11.78			
15	16QAM	75	0	11.86	11.84	11.74			
15	64QAM	1	0	11.68	11.70	11.67			
15	64QAM	1	37	11.98	12.08	12.03	13	2	
15	64QAM	1	74	11.87	11.78	11.82			
15	64QAM	36	0	10.85	10.80	10.88			
15	64QAM	36	20	10.84	10.87	10.81			
15	64QAM	36	36	10.90	10.85	10.85	12	3	
15	64QAM	75	0	10.78	10.85	10.82			
Channel Frequency (MHz)									
18690 18690 18690									
10	QPSK	1	0	13.54	13.63	13.54			
10	QPSK	1	25	13.79	13.78	13.85	15	0	
10	QPSK	1	49	13.63	13.61	13.61			
10	QPSK	25	0	12.84	12.83	12.75			
10	QPSK	25	12	12.88	12.80	12.82	14	1	
10	QPSK	25	25	12.72	12.75	12.81			
10	QPSK	0	50	12.76	12.80	12.81			
10	16QAM	1	0	12.88	12.82	12.83			
10	16QAM	1	25	13.13	13.14	13.09	14	1	
10	16QAM	1	49	12.89	12.92	12.84			
10	16QAM	25	0	11.87	11.77	11.85			
10	16QAM	25	12	11.77	11.83	11.75	13	2	
10	16QAM	25	25	11.81	11.80	11.78			
10	16QAM	50	0	11.87	11.90	11.76			
10	64QAM	1	0	11.75	11.80	11.79			
10	64QAM	1	25	12.00	12.01	12.01	13	2	
10	64QAM	1	49	11.75	11.74	11.70			
10	64QAM	25	0	10.90	10.79	10.85			
10	64QAM	25	12	10.74	10.76	10.81			
10	64QAM	25	25	10.91	10.86	10.83	12	3	
10	64QAM	50	0	10.82	10.92	10.86			
Channel Frequency (MHz)									
18695 18695 18695									
5	QPSK	1	0	13.57	13.54	13.60			
5	QPSK	1	12	13.83	13.76	13.81	15	0	
5	QPSK	1	24	13.62	13.65	13.55			
5	QPSK	12	0	12.77	12.82	12.78			
5	QPSK	12	7	12.82	12.84	12.79	14	1	
5	QPSK	12	13	12.72	12.72	12.71			
5	QPSK	0	25	12.76	12.78	12.84			
5	16QAM	1	0	12.84	12.87	12.83			
5	16QAM	1	12	13.13	13.16	13.08	14	1	
5	16QAM	1	24	12.86	12.82	12.87			
5	16QAM	12	0	11.78	11.82	11.74			
5	16QAM	12	7	11.73	11.77	11.78	13	2	
5	16QAM	12	13	11.84	11.83	11.81			
5	16QAM	25	0	11.82	11.84	11.76			
5	64QAM	1	0	11.80	11.70	11.78			
5	64QAM	1	12	12.05	12.06	11.94	13	2	
5	64QAM	1	24	11.74	11.75	11.68			
5	64QAM	12	0	10.81	10.87	10.90			
5	64QAM	12	7	10.79	10.82	10.78			
5	64QAM	12	13	10.88	10.87	10.83	12	3	
5	64QAM	25	0	10.86	10.86	10.83			
Channel Frequency (MHz)									
18697 18690 18693									
3	QPSK	1	0	13.15	13.10	13.14			
3	QPSK	1	8	13.80	13.85	13.79	15	0	
3	QPSK	1	14	13.59	13.63	13.63			
3	QPSK	8	0	12.78	12.83	12.78			
3	QPSK	8	4	12.78	12.88	12.79	14	1	
3	QPSK	8	7	12.80	12.83	12.73			
3	QPSK	16	0	12.77	12.79	12.72			
3	16QAM	1	0	12.91	12.82	12.90			
3	16QAM	1	8	13.08	13.18	13.21	14	1	
3	16QAM	1	14	12.99	13.00	12.90			
3	16QAM	8	0	11.76	11.85	11.83			
3	16QAM	8	4	11.83	11.77	11.73	13	2	
3	16QAM	8	7	11.78	11.86	11.78			
3	16QAM	16	0	11.84	11.85	11.82			
3	64QAM	1	0	11.09	11.77	11.76			
3	64QAM	1	8	12.05	12.04	12.06	13	2	
3	64QAM	1	14	11.67	11.81	11.77			
3	64QAM	8	0	10.91	10.78	10.88			
3	64QAM	8	4	10.84	10.83	10.77			
3	64QAM	8	7	10.87	10.83	10.81	12	3	
3	64QAM	16	0	10.88	10.90	10.88			
Channel Frequency (MHz)									
18697 18690 18693									
1.4	QPSK	1	0	13.62	13.54	13.54			
1.4	QPSK	1	3	13.61	13.54	13.62	15	0	
1.4	QPSK	1	5	13.64	13.53	13.64			
1.4	QPSK	3	0	13.59	13.57	13.57			
1.4	QPSK	3	1	13.58	13.67	13.59			
1.4	QPSK	3	3	13.55	13.59	13.51			
1.4	QPSK	6	0	12.82	12.81	12.84	14	1	
1.4	16QAM	1	0	12.89	12.84	12.87			
1.4	16QAM	1	3	13.05	13.09	13.09			
1.4	16QAM	1	5	12.91	12.92	12.86			
1.4	16QAM	3	0	12.75	12.83	12.77	14	1	
1.4	16QAM	3	1	12.76	12.73	12.72			
1.4	16QAM	3	3	12.78	12.82	12.75			
1.4	16QAM	6	0	11.83	11.91	11.83	13	2	
1.4	64QAM	1	0	11.78	11.82	11.72			
1.4	64QAM	1	3	11.82	11.87	11.76			
1.4	64QAM	1	5	11.74	11.78	11.82	13	2	
1.4	64QAM	3	0	11.77	11.85	11.80			
1.4	64QAM	3	1	11.77	11.75	11.69			
1.4	64QAM	3	3	11.76	11.74	11.70			
1.4	64QAM	6	0	10.83	10.85	10.82	12	3	

Band 4_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 Frequency (MHz)									
				20090	20095	20090			
20	QPSK	1	0	17.02	17.03	17.03			
20	QPSK	1	49	15.28	15.32	15.22			
20	QPSK	1	99	15.29	15.29	15.29	16.5	0	
20	QPSK	50	0	14.43	14.44	14.39			
20	QPSK	50	24	14.39	14.49	14.24	15.5	1	
20	QPSK	50	50	14.49	14.41	14.27			
20	QPSK	100	0	14.39	14.41	14.40			
20	16QAM	1	0	14.71	14.66	14.62			
20	16QAM	1	49	14.81	14.88	14.71	15.5	1	
20	16QAM	1	99	14.71	14.60	14.54			
20	16QAM	50	0	13.53	13.55	13.50			
20	16QAM	50	24	13.49	13.43	13.35	14.5		
20	16QAM	50	50	13.50	13.48	13.41	13.37		
20	16QAM	100	0	13.44	13.51	13.38			
20	64QAM	1	0	13.64	13.68	13.48			
20	64QAM	1	49	13.78	13.78	13.66	14.5	2	
20	64QAM	1	99	13.40	13.48	13.48			
20	64QAM	50	0	12.39	12.48	12.28			
20	64QAM	50	24	12.48	12.51	12.47	13.5	3	
20	64QAM	50	50	12.47	12.50	12.37			
20	64QAM	100	0	12.50	12.50	12.44			
Channel Frequency (MHz)									
				20095	20115	20095	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.17	17.23	17.17			
15	QPSK	1	49	15.38	15.39	15.25			
15	QPSK	1	99	15.49	15.54	15.48	16.5	0	
15	QPSK	1	74	15.37	15.30	15.19			
15	QPSK	36	0	14.41	14.42	14.41			
15	QPSK	36	20	14.31	14.40	14.34	15.5	1	
15	QPSK	36	39	14.47	14.44	14.35			
15	QPSK	75	0	14.38	14.42	14.38			
15	16QAM	1	0	14.59	14.65	14.58			
15	16QAM	1	37	14.88	14.79	14.82	15.5	1	
15	16QAM	1	74	14.62	14.59	14.46			
15	16QAM	36	0	13.59	13.57	13.52			
15	16QAM	36	20	13.48	13.51	13.46	14.5	2	
15	16QAM	36	39	13.43	13.52	13.31			
15	16QAM	75	0	13.37	13.45	13.33			
15	64QAM	1	0	13.98	13.55	13.33			
15	64QAM	1	37	13.81	13.77	13.73	14.5	2	
15	64QAM	1	74	13.45	13.42	13.45			
15	64QAM	36	0	12.41	12.44	12.36			
15	64QAM	36	20	12.50	12.50	12.42	13.5	3	
15	64QAM	36	39	12.50	12.47	12.47			
15	64QAM	75	0	12.42	12.45	12.37			
Channel Frequency (MHz)									
				1715 <th>1725.5<th>1715<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	1725.5 <th>1715<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1715 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	15.35	15.36	15.25			
10	QPSK	1	25	15.53	15.27	15.47	16.5	0	
10	QPSK	1	49	15.31	15.35	15.19			
10	QPSK	25	0	14.49	14.41	14.35			
10	QPSK	25	12	14.43	14.36	14.35	15.5	1	
10	QPSK	25	25	14.47	14.45	14.28			
10	QPSK	50	0	14.33	14.46	14.36			
10	16QAM	1	0	14.71	14.66	14.52			
10	16QAM	1	25	14.78	14.87	14.79	15.5	1	
10	16QAM	1	49	14.63	14.66	14.55			
10	16QAM	25	0	13.39	13.41	13.29			
10	16QAM	25	12	13.99	13.51	13.35	14.5	2	
10	16QAM	25	25	13.46	13.53	13.38			
10	16QAM	50	0	13.49	13.52	13.35			
10	64QAM	1	0	13.67	13.67	13.49			
10	64QAM	1	25	13.77	13.86	13.78	14.5	2	
10	64QAM	1	49	13.47	13.44	13.43			
10	64QAM	25	0	12.42	12.47	12.38			
10	64QAM	25	12	12.62	12.51	12.37	13.5	3	
10	64QAM	25	25	12.44	12.44	12.44			
10	64QAM	50	0	12.49	12.52	12.42			
Channel Frequency (MHz)									
				1715.5 <th>1732.5<th>1732.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	1732.5 <th>1732.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1732.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	15.34	15.39	15.29			
5	QPSK	1	12	15.50	15.52	15.44	16.5	0	
5	QPSK	1	24	15.27	15.36	15.19			
5	QPSK	12	0	14.48	14.49	14.36			
5	QPSK	12	7	14.43	14.31	14.29	15.5	1	
5	QPSK	12	13	14.44	14.41	14.32			
5	QPSK	25	0	14.34	14.41	14.32			
5	16QAM	1	0	14.70	14.64	14.58			
5	16QAM	1	12	14.60	14.64	14.57	15.5	1	
5	16QAM	1	24	14.68	14.69	14.54			
5	16QAM	12	0	13.45	13.43	13.32			
5	16QAM	12	7	13.66	13.52	13.45	14.5	2	
5	16QAM	12	13	13.40	13.47	13.38			
5	16QAM	25	0	13.36	13.47	13.34			
5	64QAM	1	0	13.70	13.68	13.50			
5	64QAM	1	12	13.73	13.87	13.66	14.5	2	
5	64QAM	1	24	13.39	13.46	13.47			
5	64QAM	12	0	12.44	12.47	12.32			
5	64QAM	12	7	12.48	12.48	12.43	13.5	3	
5	64QAM	12	13	12.57	12.48	12.38			
5	64QAM	25	0	12.45	12.44	12.44			
Channel Frequency (MHz)									
				1695	1711.5	1695	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	15.29	15.25	15.30			
3	QPSK	1	8	15.54	15.51	15.41	16.5	0	
3	QPSK	1	14	15.24	15.34	15.29			
3	QPSK	8	0	14.45	14.44	14.45			
3	QPSK	8	4	14.36	14.37	14.27	15.5	1	
3	QPSK	8	8	14.48	14.44	14.40			
3	QPSK	15	0	14.36	14.41	14.34			
3	16QAM	1	0	14.63	14.61	14.49			
3	16QAM	1	8	14.67	14.61	14.74	15.5	1	
3	16QAM	1	14	14.71	14.60	14.59			
3	16QAM	8	0	13.36	13.46	13.27			
3	16QAM	8	4	13.50	13.51	13.42	14.5	2	
3	16QAM	8	8	13.38	13.50	13.31			
3	16QAM	15	0	13.44	13.41	13.41			
3	64QAM	1	0	13.61	13.55	13.59			
3	64QAM	1	8	13.86	13.85	13.68	14.5	2	
3	64QAM	1	14	13.43	13.44	13.44			
3	64QAM	8	0	12.35	12.40	12.37			
3	64QAM	8	4	12.49	12.59	12.48	13.5	3	
3	64QAM	8	8	12.47	12.43	12.38			
3	64QAM	15	0	12.51	12.47	12.39			
Channel Frequency (MHz)									
				1695.5	1707.5	1695.5	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	15.17	15.26	15.13			
1.4	QPSK	1	3	15.42	15.47	15.31	16.5	0	
1.4	QPSK	1	7	15.23	15.22	15.08			
1.4	QPSK	3	0	15.07	15.06	15.21			
1.4	QPSK	3	1	15.31	15.46	15.24			
1.4	QPSK	3	3	15.11	15.11	15.01	15.5	1	
1.4	QPSK	3	7	14.38	14.36	14.38			
1.4	16QAM	1	0	14.49	14.61	14.47			
1.4	16QAM	1	3	14.76	14.81	14.65			
1.4	16QAM	1	7	14.62	14.50	14.46	15.5	1	
1.4	16QAM	3	0	14.43	14.61	14.37			
1.4	16QAM	3	1	14.75	14.70	14.55			
1.4	16QAM	3	3	14.49	14.51	14.38	14.5	2	
1.4	16QAM	6	0	13.34	13.33	13.40			
1.4	64QAM	1	0	13.60	13.54	13.44			
1.4	64QAM	1	3	13.62	13.59	13.57			
1.4	64QAM	1	7	13.40	13.43	13.37	14.5	2	
1.4	64QAM	3	0	13.53	13.44	13.43			
1.4	64QAM	3	1	13.67	13.58	13.50			
1.4	64QAM	3	3	13.19	13.45	13.33			
1.4	64QAM	6	0	12.46	12.45	12.31	13.5	3	

Band 5_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				20450	20525	20600					
Frequency (MHz)				204	204.5	204.5					
10	QPSK	1	0	21.58	21.62	21.64	23	0			
10	QPSK	1	25	21.72	21.77	21.64					
10	QPSK	1	40	21.53	21.64	21.67					
10	QPSK	25	0	20.68	20.74	20.63	22	1			
10	QPSK	25	12	20.71	20.75	20.71					
10	QPSK	25	25	20.72	20.71	20.68					
10	QPSK	50	0	20.68	20.70	20.61	22	1			
10	16QAM	1	0	20.99	21.03	20.91					
10	16QAM	1	25	20.96	20.98	21.01					
10	16QAM	1	40	20.87	20.85	20.95	21	2			
10	16QAM	25	0	19.71	19.73	19.68					
10	16QAM	25	12	19.60	19.74	19.67					
10	16QAM	25	25	19.74	19.76	19.69	21	2			
10	16QAM	50	0	19.72	19.70	19.70					
10	64QAM	1	0	19.85	19.84	19.73		21	2		
10	64QAM	1	25	19.90	19.87	19.90					
10	64QAM	1	40	19.76	19.79	19.76					
10	64QAM	25	0	18.67	18.80	18.78	20	3			
10	64QAM	25	12	18.79	18.72	18.78					
10	64QAM	25	25	18.65	18.63	18.79					
10	64QAM	50	0	18.77	18.76	18.83					
Channel				20425	20525	20625	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				204.5	204.5	204.5					
5	QPSK	1	0	21.71	21.64	21.73	23	0			
5	QPSK	1	12	21.70	21.71	21.72					
5	QPSK	1	24	21.56	21.67	21.68					
5	QPSK	12	0	20.60	20.77	20.64	22	1			
5	QPSK	12	7	20.64	20.71	20.60					
5	QPSK	12	13	20.68	20.66	20.70					
5	QPSK	25	0	20.72	20.77	20.66	22	1			
5	16QAM	1	0	21.01	20.92	20.88					
5	16QAM	1	12	21.02	21.08	21.04		22	1		
5	16QAM	1	24	20.84	20.88	20.86					
5	16QAM	12	0	19.66	19.70	19.72					
5	16QAM	12	7	19.71	19.76	19.68	21	2			
5	16QAM	12	13	19.71	19.68	19.65					
5	16QAM	25	0	19.78	19.79	19.71		21	2		
5	64QAM	1	0	19.78	19.79	19.75					
5	64QAM	1	12	19.85	19.96	19.90					
5	64QAM	1	24	19.77	19.75	19.85	20	3			
5	64QAM	12	0	18.69	18.76	18.78					
5	64QAM	12	7	18.76	18.79	18.71					
5	64QAM	12	13	18.62	18.62	18.82	20	3			
5	64QAM	25	0	18.72	18.79	18.73					
Channel				20415	20525	20635	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				204.5	204.5	204.5					
3	QPSK	1	0	21.64	21.63	21.64	23	0			
3	QPSK	1	8	21.66	21.73	21.69					
3	QPSK	1	14	21.59	21.63	21.55					
3	QPSK	8	0	20.69	20.72	20.68	22	1			
3	QPSK	8	4	20.65	20.70	20.63					
3	QPSK	8	7	20.71	20.74	20.74					
3	QPSK	15	0	20.56	20.60	20.63	22	1			
3	16QAM	1	0	20.90	21.04	20.87					
3	16QAM	1	8	20.94	20.97	21.03		22	1		
3	16QAM	1	14	20.80	20.93	20.85					
3	16QAM	8	0	19.73	19.78	19.72	21				2
3	16QAM	8	4	19.69	19.66	19.74					
3	16QAM	8	7	19.67	19.80	19.70					
3	16QAM	15	0	19.70	19.81	19.77	21	2			
3	64QAM	1	0	19.76	19.89	19.79					
3	64QAM	1	8	19.92	19.96	19.93					
3	64QAM	1	14	19.77	19.80	19.81	21	2			
3	64QAM	8	0	18.75	18.81	18.77					
3	64QAM	8	4	18.79	18.76	18.82					
3	64QAM	8	7	18.86	18.86	18.81	20	3			
3	64QAM	15	0	18.68	18.85	18.75					
Channel				20407	20525	20643	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				204.7	204.5	204.3					
1.4	QPSK	1	0	21.64	21.56	21.59	23	0			
1.4	QPSK	1	3	21.66	21.70	21.71					
1.4	QPSK	1	5	21.51	21.67	21.53					
1.4	QPSK	3	0	21.51	21.55	21.50	22	1			
1.4	QPSK	3	1	21.50	21.51	21.68					
1.4	QPSK	3	3	21.37	21.53	21.51					
1.4	QPSK	6	0	20.59	20.62	20.52	22	1			
1.4	16QAM	1	0	20.89	20.95	20.96					
1.4	16QAM	1	3	20.98	21.01	20.94		22	1		
1.4	16QAM	1	5	20.77	20.89	20.85					
1.4	16QAM	3	0	20.75	20.74	20.95					
1.4	16QAM	3	1	20.85	20.91	20.85	22	1			
1.4	16QAM	3	3	20.68	20.74	20.73					
1.4	16QAM	6	0	19.67	19.72	19.63		21	2		
1.4	64QAM	1	0	19.68	19.77	19.65					
1.4	64QAM	1	3	19.84	19.92	19.99					
1.4	64QAM	1	5	19.94	19.96	19.68	21	2			
1.4	64QAM	3	0	19.71	19.78	19.68					
1.4	64QAM	3	1	19.71	19.85	19.97					
1.4	64QAM	3	3	19.47	19.49	19.60	20	3			
1.4	64QAM	6	0	18.69	18.90	18.71					

Band 7_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				20850	21100	21350						
Frequency (MHz)				208.5	209.5	209.5						
20	QPSK	1	0	11.25	11.25	11.38	12.5	0				
20	QPSK	1	48	11.27	11.49	11.33						
20	QPSK	1	80	11.19	11.16	11.19						
20	QPSK	50	0	10.34	10.42	10.36	11.5	1				
20	QPSK	50	24	10.35	10.31	10.29						
20	QPSK	50	50	10.36	10.41	10.23						
20	QPSK	100	0	10.38	10.39	10.27	11.5	1				
20	16QAM	1	0	10.62	10.61	10.41						
20	16QAM	1	48	10.65	10.67	10.53						
20	16QAM	1	80	10.33	10.38	10.24	10.5	2				
20	16QAM	50	0	9.33	9.36	9.28						
20	16QAM	50	24	9.28	9.30	9.30						
20	16QAM	50	50	9.34	9.30	9.23	10.5	2				
20	16QAM	100	0	9.30	9.36	9.23						
20	64QAM	1	0	9.31	9.44	9.27						
20	64QAM	1	48	9.46	9.57	9.51						
20	64QAM	1	80	9.19	9.30	9.15	9.5	3				
20	64QAM	50	0	8.33	8.37	8.38						
20	64QAM	50	24	8.32	8.38	8.33						
20	64QAM	50	50	8.29	8.31	8.36						
20	64QAM	100	0	8.34	8.34	8.31						
Channel				20825	21100	21375						
Frequency (MHz)				208.5 <th>209.5<th>209.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	209.5 <th>209.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	209.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Tune-up limit (dBm)	MPR (dB)				
15	QPSK	1	0	11.17	11.28	11.21	12.5	0				
15	QPSK	1	37	11.40	11.48	11.40						
15	QPSK	1	74	11.09	11.01	11.01						
15	QPSK	36	0	10.31	10.31	10.25	11.5	1				
15	QPSK	36	36	10.31	10.42	10.31						
15	QPSK	36	36	10.33	10.32	10.31						
15	QPSK	75	0	10.33	10.34	10.34	11.5	1				
15	16QAM	1	0	10.61	10.47	10.52						
15	16QAM	1	37	10.63	10.73	10.63						
15	16QAM	1	74	10.32	10.33	10.32	10.5	2				
15	16QAM	36	0	9.37	9.41	9.22						
15	16QAM	36	36	9.36	9.26	9.32						
15	16QAM	36	36	9.30	9.27	9.23						
15	16QAM	75	0	9.28	9.31	9.22						
15	16QAM	1	0	9.43	9.36	9.31						
15	64QAM	1	37	9.47	9.53	9.51	10.5	2				
15	64QAM	1	74	9.21	9.21	9.20						
15	64QAM	36	0	8.36	8.36	8.26	9.5	3				
15	64QAM	36	20	8.33	8.32	8.23						
15	64QAM	36	36	8.41	8.29	8.30						
15	64QAM	75	0	8.29	8.28	8.20						
Channel				20825	21100	21375						
Frequency (MHz)				208.5 <th>209.5<th>209.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	209.5 <th>209.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	209.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	11.26	11.25	11.13	12.5	0				
10	QPSK	1	12	11.26	11.38	11.33						
10	QPSK	1	48	11.10	11.00	10.97						
10	QPSK	25	0	10.35	10.40	10.25	11.5	1				
10	QPSK	25	12	10.38	10.41	10.32						
10	QPSK	25	25	10.37	10.37	10.27						
10	QPSK	50	0	10.35	10.41	10.34	11.5	1				
10	16QAM	1	0	10.46	10.59	10.41						
10	16QAM	1	25	10.61	10.64	10.54						
10	16QAM	1	48	10.38	10.30	10.26	10.5	2				
10	16QAM	25	0	9.34	9.34	9.21						
10	16QAM	25	12	9.22	9.28	9.28						
10	16QAM	25	25	9.29	9.40	9.32						
10	16QAM	50	0	9.36	9.33	9.18						
10	64QAM	1	0	9.26	9.45	9.34						
10	64QAM	1	12	9.55	9.00	9.42	10.5	2				
10	64QAM	1	48	9.25	9.30	9.25						
10	64QAM	25	0	8.32	8.34	8.35	9.5	3				
10	64QAM	25	12	8.38	8.37	8.25						
10	64QAM	25	25	8.36	8.40	8.28						
10	64QAM	50	0	8.37	8.41	8.34						
Channel				20813	21100	21403						
Frequency (MHz)				208.5 <th>209.5<th>208.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	209.5 <th>208.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	208.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	11.13	11.28	11.17	12.5	0				
5	QPSK	1	12	11.41	11.47	11.41						
5	QPSK	1	24	11.20	11.21	11.20						
5	QPSK	12	0	10.39	10.32	10.35	11.5	1				
5	QPSK	12	7	10.33	10.36	10.25						
5	QPSK	12	12	10.29	10.41	10.34						
5	QPSK	25	0	10.34	10.28	10.27	10.5	2				
5	16QAM	1	0	10.53	10.54	10.47						
5	16QAM	1	12	10.62	10.68	10.56						
5	16QAM	24	1	10.32	10.42	10.32						
5	16QAM	12	0	9.31	9.25	9.30						
5	16QAM	12	7	9.22	9.38	9.18						
5	16QAM	12	12	9.28	9.31	9.36	10.5	2				
5	16QAM	25	0	9.23	9.31	9.24						
5	64QAM	1	0	9.37	9.43	9.28	10.5	2				
5	64QAM	1	12	9.51	9.46	9.47						
5	64QAM	1	24	9.20	9.25	9.14						
5	64QAM	12	0	8.32	8.36	8.38						
5	64QAM	12	7	8.33	8.29	8.33	9.5	3				
5	64QAM	12	12	8.30	8.34	8.23						
5	64QAM	25	0	8.28	8.30	8.28						

Band 13_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				23230			24	0	
Frequency (MHz)				742					
10	QPSK	1	0	22.75			23	1	
10	QPSK	1	25	22.91					
10	QPSK	1	49	22.86					
10	QPSK	25	0	21.83					
10	QPSK	25	12	21.82					
10	QPSK	25	25	21.79			23	1	
10	QPSK	50	0	21.80					
10	16QAM	1	0	22.07					
10	16QAM	1	25	22.21					
10	16QAM	1	49	22.04					
10	16QAM	25	0	20.92			22	2	
10	16QAM	25	12	20.95					
10	16QAM	25	25	20.88					
10	16QAM	50	0	20.93					
10	64QAM	1	0	21.05					
10	64QAM	1	25	21.20			22	2	
10	64QAM	1	49	20.92					
10	64QAM	25	0	19.91					
10	64QAM	25	12	19.93					
10	64QAM	25	25	19.88					
10	64QAM	50	0	19.89			21	3	
Channel				23205	23230	23255			
Frequency (MHz)				748.5	742	748.5	Tune-up limit (dBm)		
5	QPSK	1	0	22.03	22.07	22.05	24	0	
5	QPSK	1	12	22.86	22.88	22.90			
5	QPSK	1	24	22.59	22.65	22.62			
5	QPSK	12	0	21.78	21.84	21.78			
5	QPSK	12	7	21.76	21.79	21.81			
5	QPSK	12	13	21.75	21.79	21.78	23	1	
5	QPSK	25	0	21.75	21.77	21.79			
5	16QAM	1	0	22.04	22.10	22.05			
5	16QAM	1	12	22.15	22.18	22.16			
5	16QAM	1	24	22.00	22.05	21.99			
5	16QAM	12	0	20.87	20.89	20.89	22	2	
5	16QAM	12	7	20.92	20.99	20.91			
5	16QAM	12	13	20.84	20.91	20.86			
5	16QAM	25	0	20.90	20.92	20.91			
5	64QAM	1	0	21.03	21.10	21.00			
5	64QAM	1	12	21.15	21.21	21.20	22	2	
5	64QAM	1	24	20.77	20.81	20.77			
5	64QAM	12	0	19.86	19.92	19.89			
5	64QAM	12	7	19.86	19.93	19.91			
5	64QAM	12	13	19.84	19.91	19.83			
5	64QAM	25	0	19.85	19.88	19.84	21	3	
5	64QAM	25	0	19.85	19.88	19.84			

Band 26_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				828.5			23	0	
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	21.61	21.67	21.51	22	1	
15	QPSK	1	37	21.77	21.87	21.86			
15	QPSK	1	74	21.47	21.67	21.62			
15	QPSK	36	0	20.62	20.76	20.66			
15	QPSK	36	20	20.67	20.64	20.67			
15	QPSK	36	39	20.65	20.66	20.71	22	1	
15	QPSK	75	0	20.60	20.73	20.72			
15	16QAM	1	0	20.74	20.84	20.89			
15	16QAM	1	37	21.17	21.18	21.06			
15	16QAM	1	74	20.68	20.85	20.76			
15	16QAM	36	0	19.61	19.69	19.61	21	2	
15	16QAM	36	20	19.65	19.74	19.62			
15	16QAM	36	39	19.54	19.65	19.61			
15	16QAM	75	0	19.73	19.65	19.64			
15	64QAM	1	0	19.77	19.81	19.89			
15	64QAM	1	37	19.97	20.05	20.03	21	2	
15	64QAM	1	74	19.64	19.76	19.68			
15	64QAM	36	0	18.65	18.78	18.71			
15	64QAM	36	20	18.68	18.75	18.79			
15	64QAM	36	39	18.72	18.74	18.69			
15	64QAM	75	0	18.79	18.76	18.76	20	3	
Channel				26740	26865	26965			
Frequency (MHz)				828.5	833.5	844.5	Tune-up limit (dBm)		
10	QPSK	1	0	21.55	21.57	21.52	23	0	
10	QPSK	1	25	21.74	21.87	21.86			
10	QPSK	1	49	21.57	21.54	21.57			
10	QPSK	25	0	20.70	20.75	20.72			
10	QPSK	25	12	20.64	20.73	20.67			
10	QPSK	25	25	20.61	20.78	20.73	22	1	
10	QPSK	50	0	20.62	20.68	20.68			
10	16QAM	1	0	20.85	20.81	20.78			
10	16QAM	1	25	21.07	21.21	21.19			
10	16QAM	1	49	20.74	20.89	20.82			
10	16QAM	25	0	19.60	19.74	19.68	21	2	
10	16QAM	25	12	19.66	19.74	19.65			
10	16QAM	25	25	19.56	19.62	19.64			
10	16QAM	50	0	19.62	19.76	19.71			
10	64QAM	1	0	19.81	19.84	19.89			
10	64QAM	1	25	19.92	20.06	19.99	21	2	
10	64QAM	1	49	19.67	19.81	19.75			
10	64QAM	25	0	18.69	18.78	18.66			
10	64QAM	25	12	18.68	18.80	18.68			
10	64QAM	25	25	18.64	18.77	18.77			
10	64QAM	50	0	18.73	18.70	18.70	20	3	
Channel				26715	26865	27015			
Frequency (MHz)				828.5	833.5	844.5	Tune-up limit (dBm)		
5	QPSK	1	0	21.61	21.64	21.62	23	0	
5	QPSK	1	12	21.86	21.84	21.76			
5	QPSK	1	24	21.52	21.53	21.60			
5	QPSK	12	0	20.71	20.82	20.69			
5	QPSK	12	7	20.66	20.71	20.70			
5	QPSK	12	13	20.63	20.66	20.75	22	1	
5	QPSK	25	0	20.65	20.65	20.70			
5	16QAM	1	0	20.81	20.87	20.78			
5	16QAM	1	12	21.05	21.20	21.16			
5	16QAM	1	24	20.73	20.87	20.78			
5	16QAM	12	0	19.67	19.71	19.59	21	2	
5	16QAM	12	7	19.67	19.69	19.59			
5	16QAM	12	13	19.60	19.74	19.57			
5	16QAM	25	0	19.63	19.70	19.66			
5	64QAM	1	0	19.89	19.81	19.77			
5	64QAM	1	12	19.96	19.99	20.03	21	2	
5	64QAM	1	24	19.68	19.75	19.67			
5	64QAM	12	0	18.65	18.77	18.67			
5	64QAM	12	7	18.73	18.74	18.72			
5	64QAM	12	13	18.69	18.79	18.83			
5	64QAM	25	0	18.69	18.70	18.70	20	3	
Channel				26795	26865	27025			
Frequency (MHz)				828.5	833.5	847.5	Tune-up limit (dBm)		
3	QPSK	1	0	21.60	21.58	21.63	23	0	
3	QPSK	1	8	21.88	21.83	21.81			
3	QPSK	1	14	21.60	21.55	21.54			
3	QPSK	8	0	20.70	20.79	20.67			
3	QPSK	8	4	20.74	20.78	20.74			
3	QPSK	8	7	20.74	20.67	20.62	22	1	
3	QPSK	15	0	20.69	20.73	20.65			
3	16QAM	1	0	20.84	20.83	20.81			
3	16QAM	1	8	21.16	21.10	21.06			
3	16QAM	1	14	20.71	20.85	20.76			
3	16QAM	8	0	19.66	19.75	19.60	21	2	
3	16QAM	8	4	19.72	19.65	19.61			
3	16QAM	8	7	19.69	19.68	19.62			
3	16QAM	15	0	19.68	19.71	19.76			
3	64QAM	1	0	19.84	19.81	19.80			
3	64QAM	1	8	19.91	20.10	19.96	21	2	
3	64QAM	1	14	19.69	19.78	19.72			
3	64QAM	8	0	18.68	18.81	18.74			
3	64QAM	8	4	18.77	18.86	18.74			
3	64QAM	8	7	18.76	18.80	18.70			
3	64QAM	15	0	18.74	18.69	18.76	20	3	
Channel				26697	26865	27033			
Frequency (MHz)				828.5	833.5	843.3	Tune-up limit (dBm)		
1.4	QPSK	1	0	21.41	21.49	21.59	23	0	
1.4	QPSK	1	3	21.84	21.73	21.68			
1.4	QPSK	1	6	21.37	21.54	21.43			
1.4	QPSK	3	0	21.40	21.49	21.54			
1.4	QPSK	3	1	21.76	21.60	21.60			
1.4	QPSK	3	3	21.49	21.38	21.38	22	1	
1.4	QPSK	3	6	20.59	20.61	20.63			
1.4	16QAM	1	0	20.69	20.89	20.74			
1.4	16QAM	1	3	21.03	21.08	21.09			
1.4	16QAM	3	0	20.70	20.80	20.79			
1.4	16QAM	3	0	20.64	20.79	20.58	22	1	
1.4	16QAM	3	1	20.89	21.03	20.93			
1.4	16QAM	3	3	20.57	20.69	20.63			
1.4	16QAM	6	0	19.61	19.65	19.52			
1.4	64QAM	1	0	19.74	19.69	19.74			
1.4	64QAM	1	3	19.91	19.81	19.86	21	2	
1.4	64QAM	1	6	19.58	19.70	19.66			
1.4	64QAM	3	0	18.71	18.62	19.06			
1.4	64QAM	3	1	18.76	18.62	18.93			
1.4	64QAM	3	3	18.63	18.57	18.56			
1.4	64QAM	6	0	18.67	18.56	18.52	20	3	
Channel				26697	26865	27033			
Frequency (MHz)				828.5	833.5	843.3	Tune-up limit (dBm)		

Band 66_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									
Frequency (MHz)									
20	QPSK	1	0	15.46	15.37	15.42	16.5	0	
20	QPSK	1	48	15.70	15.75	15.70			
20	QPSK	1	96	15.45	15.59	15.55			
20	QPSK	50	0	14.58	14.60	14.58			
20	QPSK	50	24	14.49	14.60	14.57	15.5	1	
20	QPSK	50	50	14.47	14.59	14.46			
20	QPSK	100	0	14.51	14.63	14.49			
20	16QAM	1	0	14.72	14.67	14.66			
20	16QAM	1	48	14.93	15.02	14.86	15.5	1	
20	16QAM	1	96	14.89	14.85	14.73			
20	16QAM	50	0	13.62	13.73	13.61			
20	16QAM	50	24	13.68	13.62	13.58			
20	16QAM	50	50	13.51	13.65	13.56	14.5	2	
20	16QAM	100	0	13.51	13.58	13.61			
20	64QAM	1	0	13.98	13.52	13.90			
20	64QAM	1	48	13.85	13.96	13.87			
20	64QAM	1	96	13.79	13.77	13.73	14.5	2	
20	64QAM	50	0	12.83	12.77	12.69			
20	64QAM	50	24	12.72	12.64	12.64			
20	64QAM	50	50	12.55	12.64	12.67			
20	64QAM	100	0	12.55	12.55	12.53	13.5	3	
Channel									
Frequency (MHz)									
15	QPSK	1	0	15.28	15.23	15.21	16.5	0	
15	QPSK	1	37	15.51	15.56	15.44			
15	QPSK	1	74	15.27	15.43	15.29			
15	QPSK	36	0	14.50	14.44	14.46			
15	QPSK	36	20	14.45	14.40	14.41	15.5	1	
15	QPSK	36	36	14.38	14.50	14.28			
15	QPSK	72	0	14.42	14.47	14.38			
15	16QAM	1	0	14.48	14.63	14.51			
15	16QAM	1	37	14.73	14.74	14.69	15.5	1	
15	16QAM	1	74	14.61	14.66	14.60			
15	16QAM	36	0	13.52	13.54	13.48			
15	16QAM	36	20	13.49	13.44	13.45			
15	16QAM	36	36	13.44	13.44	13.46	14.5	2	
15	16QAM	72	0	13.41	13.47	13.39			
15	64QAM	1	0	13.47	13.36	13.44			
15	64QAM	1	37	13.72	13.74	13.68			
15	64QAM	1	74	13.63	13.61	13.69	14.5	2	
15	64QAM	36	0	12.58	12.56	12.52			
15	64QAM	36	20	12.45	12.48	12.44			
15	64QAM	36	36	12.43	12.50	12.48			
15	64QAM	72	0	12.45	12.45	12.47	13.5	3	
Channel									
Frequency (MHz)									
10	QPSK	1	0	15.15	15.16	15.15	16.5	0	
10	QPSK	1	25	15.25	15.33	15.29			
10	QPSK	1	49	15.32	15.53	15.41			
10	QPSK	25	0	14.45	14.57	14.44			
10	QPSK	25	12	14.36	14.51	14.44	15.5	1	
10	QPSK	25	25	14.44	14.44	14.40			
10	QPSK	50	0	14.46	14.47	14.36			
10	16QAM	1	0	14.61	14.60	14.53			
10	16QAM	1	25	14.82	14.88	14.72	15.5	1	
10	16QAM	1	49	14.69	14.63	14.64			
10	16QAM	25	0	13.48	13.49	13.42			
10	16QAM	25	12	13.48	13.55	13.39			
10	16QAM	25	25	13.47	13.45	13.34	14.5	2	
10	16QAM	50	0	13.44	13.55	13.36			
10	64QAM	1	0	13.39	13.42	13.44			
10	64QAM	1	25	13.80	13.76	13.78			
10	64QAM	1	49	13.70	13.74	13.72	14.5	2	
10	64QAM	25	0	12.99	12.64	12.49			
10	64QAM	25	12	12.44	12.59	12.55			
10	64QAM	25	25	12.51	12.50	12.46			
10	64QAM	50	0	12.41	12.51	12.52	13.5	3	
Channel									
Frequency (MHz)									
5	QPSK	1	0	15.19	15.30	15.29	16.5	0	
5	QPSK	1	12	15.90	15.52	15.56			
5	QPSK	1	24	15.30	15.58	15.28			
5	QPSK	12	0	14.45	14.54	14.45			
5	QPSK	12	7	14.39	14.49	14.49	15.5	1	
5	QPSK	12	13	14.41	14.50	14.40			
5	QPSK	25	0	14.48	14.50	14.35			
5	16QAM	1	0	14.58	14.54	14.54			
5	16QAM	1	12	14.82	14.83	14.72	15.5	1	
5	16QAM	1	24	14.73	14.74	14.69			
5	16QAM	12	0	13.48	13.59	13.49			
5	16QAM	12	7	13.54	13.50	13.44			
5	16QAM	12	13	13.46	13.50	13.43	14.5	2	
5	16QAM	25	0	13.49	13.51	13.44			
5	64QAM	1	0	13.36	13.43	13.32			
5	64QAM	1	12	13.66	13.74	13.73			
5	64QAM	1	24	13.69	13.64	13.60	13.5	3	
5	64QAM	12	0	12.53	12.53	12.49			
5	64QAM	12	7	12.51	12.57	12.44			
5	64QAM	12	13	12.50	12.54	12.48			
5	64QAM	25	0	12.49	12.58	12.50	131997	130202	130647
Channel									
Frequency (MHz)									
3	QPSK	1	0	15.27	15.31	15.18	16.5	0	
3	QPSK	1	8	15.42	15.47	15.49			
3	QPSK	1	14	15.32	15.43	15.35			
3	QPSK	8	0	14.46	14.55	14.45			
3	QPSK	8	4	14.45	14.46	14.45	15.5	1	
3	QPSK	8	7	14.41	14.50	14.38			
3	QPSK	15	0	14.39	14.50	14.42			
3	16QAM	1	0	14.55	14.55	14.47			
3	16QAM	1	8	14.77	14.75	14.79	15.5	1	
3	16QAM	1	14	14.67	14.75	14.69			
3	16QAM	8	0	13.53	13.48	13.47			
3	16QAM	8	4	13.41	13.52	13.42			
3	16QAM	8	7	13.43	13.49	13.33	14.5	2	
3	16QAM	15	0	13.50	13.51	13.36			
3	64QAM	1	0	13.40	13.50	13.34			
3	64QAM	1	8	13.78	13.75	13.66			
3	64QAM	1	14	13.68	13.63	13.61	13.5	3	
3	64QAM	8	0	12.49	12.64	12.59			
3	64QAM	8	4	12.53	12.59	12.48			
3	64QAM	8	7	12.46	12.47	12.48			
3	64QAM	15	0	12.51	12.53	12.52	131979	130202	130665
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	15.26	15.17	15.26	16.5	0	
1.4	QPSK	1	3	15.36	15.49	15.30			
1.4	QPSK	1	5	15.26	15.19	15.40			
1.4	QPSK	3	0	15.05	15.16	15.03			
1.4	QPSK	3	1	15.33	15.40	15.23	15.5	1	
1.4	QPSK	3	3	15.21	15.17	15.36			
1.4	QPSK	6	0	14.57	14.46	14.26			
1.4	16QAM	1	0	14.53	14.40	14.46			
1.4	16QAM	1	3	14.67	14.70	14.79	15.5	1	
1.4	16QAM	1	5	14.66	14.55	14.54			
1.4	16QAM	3	0	14.52	14.46	14.24			
1.4	16QAM	3	1	14.62	14.73	14.74	14.5	2	
1.4	16QAM	3	3	14.50	14.54	14.54			
1.4	16QAM	6	0	13.28	13.45	13.34			
1.4	64QAM	1	0	13.25	13.35	13.35	14.5	2	
1.4	64QAM	1	3	13.56	13.63	13.64			
1.4	64QAM	1	5	13.59	13.68	13.44			
1.4	64QAM	3	0	13.22	13.27	13.37	13.5	3	
1.4	64QAM	3	1	13.44	13.67	13.58			
1.4	64QAM	3	3	13.33	13.58	13.58			
1.4	64QAM	6	0	12.41	12.39	12.48	13.5	3	

LTE Band 38_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Medio Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2645	2660	2675			
20	QPSK	1	0	13.35	13.32	13.23	14.5	0	
20	QPSK	1	49	13.44	13.47	13.19			
20	QPSK	1	99	12.86	12.87	12.18			
20	QPSK	50	0	12.25	12.36	12.14			
20	QPSK	50	24	12.25	12.24	12.03			
20	QPSK	50	50	12.19	12.15	12.08	13.5	1	
20	QPSK	100	0	12.24	12.25	12.08			
20	16QAM	1	0	12.49	12.51	12.24			
20	16QAM	1	49	12.50	12.51	12.37			
20	16QAM	1	99	12.05	12.16	11.83			
20	16QAM	50	0	11.36	11.43	11.14	12.5	2	
20	16QAM	50	24	11.29	11.46	11.21			
20	16QAM	50	50	11.24	11.29	11.28			
20	16QAM	100	0	11.29	11.25	11.05			
20	64QAM	1	0	10.97	11.12	10.89			
20	64QAM	1	49	11.13	11.16	11.03	12.5	2	
20	64QAM	1	99	10.58	10.68	10.59			
20	64QAM	50	0	10.29	10.34	10.12			
20	64QAM	50	24	10.38	10.38	10.26			
20	64QAM	50	50	10.16	10.27	10.10			
20	64QAM	100	0	10.29	10.26	10.08	11.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2642.5	2660	2677.5			
15	QPSK	1	0	13.34	13.39	13.24	14.5	0	
15	QPSK	1	37	13.40	13.48	13.30			
15	QPSK	1	74	12.91	13.02	12.19			
15	QPSK	36	0	12.26	12.32	12.07			
15	QPSK	36	20	12.26	12.33	12.16			
15	QPSK	36	39	12.12	12.17	12.00	13.5	1	
15	QPSK	75	0	12.34	12.38	12.09			
15	16QAM	1	0	12.46	12.48	12.28			
15	16QAM	1	37	12.55	12.60	12.38			
15	16QAM	1	74	12.02	12.04	11.89			
15	16QAM	36	0	11.24	11.44	11.21	12.5	2	
15	16QAM	36	20	11.39	11.39	11.15			
15	16QAM	36	39	11.26	11.26	11.04			
15	16QAM	75	0	11.20	11.31	11.13			
15	64QAM	1	0	11.04	11.12	10.88			
15	64QAM	1	37	11.07	11.10	11.03	12.5	2	
15	64QAM	1	74	10.55	10.67	10.55			
15	64QAM	36	0	10.25	10.28	10.16			
15	64QAM	36	20	10.29	10.32	10.18			
15	64QAM	36	39	10.25	10.17	10.03			
15	64QAM	75	0	10.30	10.27	10.14	11.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2640	2660	2680			
10	QPSK	1	0	13.32	13.34	13.23	14.5	0	
10	QPSK	1	25	13.37	13.42	13.23			
10	QPSK	1	49	12.96	12.99	12.16			
10	QPSK	25	0	12.22	12.28	12.15			
10	QPSK	25	12	12.22	12.37	12.12			
10	QPSK	25	25	12.09	12.23	12.02	13.5	1	
10	QPSK	50	0	12.28	12.27	12.16			
10	16QAM	1	0	12.49	12.53	12.21			
10	16QAM	1	25	12.52	12.53	12.37			
10	16QAM	1	49	12.12	12.15	11.89			
10	16QAM	25	0	11.31	11.35	11.13	12.5	2	
10	16QAM	25	12	11.33	11.44	11.22			
10	16QAM	25	25	11.26	11.33	11.07			
10	16QAM	50	0	11.26	11.25	11.16			
10	64QAM	1	0	11.04	11.05	10.89			
10	64QAM	1	25	11.09	11.18	10.96	12.5	2	
10	64QAM	1	49	10.50	10.60	10.54			
10	64QAM	25	0	10.28	10.27	10.10			
10	64QAM	25	12	10.27	10.37	10.15			
10	64QAM	25	25	10.16	10.27	9.98			
10	64QAM	50	0	10.29	10.36	10.19	11.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2637.5	2660	2682.5			
5	QPSK	1	0	13.38	13.33	13.19	14.5	0	
5	QPSK	1	12	13.46	13.62	13.17			
5	QPSK	1	24	12.93	12.92	12.62			
5	QPSK	12	0	12.27	12.34	12.12			
5	QPSK	12	7	12.21	12.35	12.15			
5	QPSK	12	13	12.18	12.17	12.05	13.5	1	
5	QPSK	25	0	12.27	12.32	12.16			
5	16QAM	1	0	12.41	12.46	12.21			
5	16QAM	1	12	12.49	12.58	12.34			
5	16QAM	1	24	12.15	12.15	11.89			
5	16QAM	12	0	11.26	11.30	11.11	12.5	2	
5	16QAM	12	7	11.35	11.42	11.23			
5	16QAM	12	13	11.13	11.28	11.05			
5	16QAM	25	0	11.30	11.29	11.07			
5	64QAM	1	0	11.05	11.05	10.85			
5	64QAM	1	12	11.10	11.20	10.92	12.5	2	
5	64QAM	1	24	10.80	10.73	10.52			
5	64QAM	12	0	10.23	10.36	10.15			
5	64QAM	12	7	10.25	10.41	10.14			
5	64QAM	12	13	10.21	10.28	10.09			
5	64QAM	25	0	10.26	10.33	10.07	11.5	3	

Bluetooth/WLAN Power

<WLAN 2.4GHz>

2.4GHz WLAN Ant 5			Full		Receiver on		Hotspot		Sensor on				
Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Duty Cycle %		
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.10	20.00	15.20	16.00	16.70	17.50	16.70	100.00		
		6	2437	18.70	20.00	14.90	16.00	16.40	17.50	16.40		17.50	
		11	2462	18.80	20.00	15.00	16.00	16.50	17.50	16.50		17.50	
	802.11g 6Mbps	1	2412	16.50	18.50		16.00		17.50		17.50	97.22	
		6	2437	18.30	20.00		16.00		17.50		17.50		17.50
		11	2462	16.40	18.00		16.00		17.50		17.50		17.50
	802.11n-HT20 MCS0	1	2412	16.60	18.50		16.00		17.50		17.50	96.30	
		6	2437	18.40	20.00		16.00		17.50		17.50		17.50
		11	2462	16.50	18.00		16.00		17.50		17.50		17.50
	802.11n-HT40 MCS0	3	2422	13.70	15.50	Not Required	15.50	Not Required	15.50	Not Required	15.50	93.53	
		4	2427	13.70	15.50		15.50		15.50		15.50		15.50
		5	2432	14.80	16.50		16.00		16.50		16.50		16.50
		6	2437	16.00	18.00		16.00		17.50		17.50		17.50
		7	2442	15.00	17.00		16.00		17.00		17.00		17.00
		8	2447	13.00	15.00		15.00		15.00		15.00		15.00
		9	2452	13.00	15.00		15.00		15.00		15.00		15.00

<WLAN 5GHz>

5.2GHz WLAN Ant 5			Full		Receiver on		Hotspot		Sensor on		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.84	19.50	Not Required	18.00	14.00	Not Required	14.00	96.53
		40	5200	17.53	19.50		18.00	14.00		14.00	
		44	5220	17.59	19.50		18.00	14.00		14.00	
	802.11n-HT20 MCS0	48	5240	17.83	19.50	Not Required	18.00	14.00	Not Required	14.00	97.01
		36	5180	17.67	19.50		18.00	14.00		14.00	
		40	5200	17.55	19.50		18.00	14.00		14.00	
	802.11n-HT40 MCS0	44	5220	17.59	19.50	Not Required	18.00	14.00	Not Required	14.00	93.53
		48	5240	17.84	19.50		18.00	14.00		14.00	
		36	5190	15.65	17.50		15.65	17.50		14.00	
	802.11ac-VHT20 MCS0	46	5230	16.65	18.50	Not Required	16.16	18.00	Not Required	14.00	96.58
		36			19.50		18.00	14.00		14.00	
		40	5200		19.50		18.00	14.00		14.00	
	802.11ac-VHT40 MCS0	44	5220	Not Required	19.50	Not Required	18.00	14.00	Not Required	14.00	93.54
		46	5240		19.50		18.00	14.00		14.00	
		38	5190		17.50		17.50	14.00		14.00	
	802.11ac-VHT80 MCS0	46	5230		18.50	Not Required	18.00	14.00	Not Required	14.00	87.80
		42	5210	14.18	16.00		16.00	12.20		14.00	

5.3GHz WLAN Ant 5			Full		Receiver on		Sensor on			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.73	19.50	Not Required	18.00	14.00	96.53	
		56	5280	17.65	19.50		18.00	14.00		
		60	5300	17.74	19.50		18.00	14.00		
		64	5320	17.35	19.50		18.00	14.00		
	802.11n-HT20 MCS0	52	5260	17.58	19.50	Not Required	18.00	14.00	97.01	
		56	5280	17.56	19.50		18.00	14.00		
		60	5300	17.54	19.50		18.00	14.00		
	802.11n-HT40 MCS0	64	5320	17.21	19.00	Not Required	18.00	14.00	93.53	
		54	5270	16.59	18.50		16.19	18.00		14.00
		62	5310	15.14	17.00		15.14	17.00		14.00
	802.11ac-VHT20 MCS0	52	5260	Not Required	19.50	Not Required	18.00	14.00	96.58	
		56	5280		19.50		18.00	14.00		
		60	5300		19.50		18.00	14.00		
	802.11ac-VHT40 MCS0	64	5320	Not Required	19.00	Not Required	18.00	14.00	93.54	
		54	5270		18.50		18.00	14.00		
		62	5310		17.00		17.00	14.00		
	802.11ac-VHT80 MCS0	58	5280	13.56	15.50	15.50	12.11	14.00	87.80	

	5.5GHz WLAN Ant 5			Full		Receiver on		Sensor on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.76	18.50		15.50		16.00	96.53
		116	5590	17.71	19.50		15.50		16.00	
		124	5620	17.68	19.50		15.50		16.00	
		136	5680	17.67	19.50		15.50		16.00	
		140	5700	14.00	15.50		15.50		15.50	
		144	5720	17.72	19.50		15.50		16.00	
	802.11n-HT20 MCS0	100	5500	16.21	18.00		15.50		16.00	97.01
		116	5580	17.64	19.50		15.50		16.00	
		124	5620	17.60	19.50		15.50		16.00	
		136	5680	17.69	19.50		15.50		16.00	
		140	5700	14.47	16.00		15.50		16.00	
		144	5720	17.73	19.50		15.50		16.00	
	802.11n-HT40 MCS0	102	5510	14.50	16.50		15.50		16.00	93.53
		110	5550	16.67	18.50	Not Required	15.50	Not Required	16.00	
		126	5630	15.28	17.00		15.50		16.00	
		134	5670	15.31	17.00		15.50		16.00	
		142	5710	16.82	18.50		15.50		16.00	
		144	5720	17.73	19.50		15.50		16.00	
	802.11ac-VHT20 MCS0	100	5500		18.00		15.50		16.00	96.58
		116	5580		18.50		15.50		16.00	
		124	5620		19.50		15.50		16.00	
		136	5680		19.50		15.50		16.00	
		140	5700		16.00		15.50		16.00	
		144	5720	Not Required	19.50		15.50		16.00	
	802.11ac-VHT40 MCS0	102	5510		16.50		15.50		16.00	93.54
		110	5550		18.50		15.50		16.00	
		126	5630		17.00		15.50		16.00	
		134	5670		17.00		15.50		16.00	
		142	5710		18.50		15.50		16.00	
		144	5720		19.50		15.50		16.00	
	802.11ac-VHT80 MCS0	106	5530	13.63	15.50	13.63	15.50	11.52	13.50	87.80
		122	5610	15.60	17.50	14.05	15.50	11.55	13.50	
		138	5690	15.80	17.50	14.20	15.50	11.72	13.50	

5.8GHz WLAN Ant 5			Full		Receiver on		Hotspot		Sensor on		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.82	19.50		15.00	13.00		13.50	96.53
		157	5785	17.74	19.50		15.00	13.00		13.50	
		165	5825	17.69	19.50		15.00	13.00		13.50	
	802.11n-HT20 MCS0	149	5745	17.84	19.50		15.00	13.00		13.50	97.01
		157	5785	17.76	19.50		15.00	13.00		13.50	
		165	5825	17.72	19.50		15.00	13.00		13.50	
	802.11n-HT40 MCS0	151	5755	16.87	18.50	Not Required	15.00	13.00	Not Required	13.50	93.53
		159	5795	16.80	18.50		15.00	13.00		13.50	
		149	5745	17.92	19.50		15.00	13.00		13.50	
	802.11ac-VHT20 MCS0	157	5785	17.82	19.50		15.00	13.00		13.50	96.58
		165	5825	17.63	19.50		15.00	13.00		13.50	
		151	5755	16.78	18.50		15.00	13.00		13.50	
	802.11ac-VHT40 MCS0	159	5795	16.76	18.50		15.00	13.00		13.50	93.54
		155	5775	15.76	17.50	13.32	15.00	11.33	13.00	11.85	

<Bluetooth>

Mode	Channel	Frequency (MHz)	Average power (dBm)			Duty cycle
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	10.40	8.50	8.50	SAR Excel
	CH 39	2441	10.90	8.50	8.50	
	CH 78	2480	10.00	8.00	8.00	
	Tune-up Limit		12	10	10	

BLE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.60	1.50
	CH 19	2440	2.80	2.70
	CH 39	2480	1.60	1.50
	Tune-up Limit		4.5	4.5