



Band		WCDMA 8			Tune-up Limit (dBm)	WCDMA 4			Tune-up Limit (dBm)	WCDMA 5			Tune-up Limit (dBm)
TX Channel	RX Channel	9582	9600	9538		1512	1413	1513		4152	4152	4223	
Frequency (MHz)		9662	9600	9638		1537	1638	1738		4357	4407	4498	
		1852.4	1880	1807.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
IGPP Rel 99	RMC 12.7Kbps	23.37	23.45	23.31	24.50	23.24	23.32	23.31	24.50	24.04	24.09	24.02	24.50
IGPP Rel 6	HSDPA Subtest-1	22.45	22.42	22.31	23.50	22.18	22.41	22.36	23.50	22.97	23.04	23.11	23.50
IGPP Rel 6	HSDPA Subtest-2	22.45	22.44	22.19	23.50	22.32	22.26	22.26	23.50	23.12	23.14	22.97	23.50
IGPP Rel 6	HSDPA Subtest-3	21.89	21.98	21.72	23.00	21.62	21.92	21.82	23.00	22.60	22.68	22.61	23.00
IGPP Rel 6	HSDPA Subtest-4	21.88	21.87	21.80	23.00	21.72	21.87	21.82	23.00	22.48	22.52	22.55	23.00
IGPP Rel 6	HSPA Subtest-1	22.48	22.36	22.30	23.50	22.33	22.23	22.32	23.50	22.94	23.02	23.10	23.50
IGPP Rel 6	HSPA Subtest-2	20.44	20.48	20.26	21.50	20.18	20.40	20.21	21.50	21.08	21.07	20.97	21.50
IGPP Rel 6	HSPA Subtest-3	21.43	21.40	21.28	22.50	21.24	21.32	21.41	22.50	21.94	22.00	21.90	22.50
IGPP Rel 6	HSPA Subtest-4	20.40	20.44	20.23	21.50	20.21	20.25	20.30	21.50	21.14	21.05	21.07	21.50
IGPP Rel 6	HSPA Subtest-5	22.29	22.48	22.34	23.50	22.17	22.26	22.36	23.50	23.10	23.15	23.12	23.50

Band 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.60	22.83	22.77			24	0		
20	QPSK	1	49	22.54	22.82	22.76						
20	QPSK	1	99	22.40	22.70	22.71						
20	QPSK	50	0	21.80	21.92	21.73			23	1		
20	QPSK	50	24	21.84	21.86	21.85						
20	QPSK	50	50	21.79	21.71	21.73						
20	QPSK	100	0	21.66	21.88	21.71			23	1		
20	16QAM	1	0	21.38	21.57	21.47						
20	16QAM	1	49	21.37	21.57	21.40						
20	16QAM	1	99	21.49	21.48	21.49			22	2		
20	16QAM	50	0	20.73	20.79	20.82						
20	16QAM	50	24	20.78	20.76	20.80						
20	16QAM	50	50	20.71	20.81	20.77			21	3		
20	64QAM	1	0	20.77	20.78	20.79						
20	64QAM	1	49	20.65	20.58	20.69						
20	64QAM	1	99	20.61	20.62	20.61			22	2		
20	64QAM	50	0	19.79	19.77	19.75						
20	64QAM	50	24	19.77	19.70	19.87						
20	64QAM	50	50	19.68	19.82	19.82			21	3		
20	64QAM	100	0	19.72	19.79	19.77						
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.55	22.82	22.67					24	0
15	QPSK	1	37	22.54	22.84	22.54						
15	QPSK	1	74	22.35	22.60	22.61						
15	QPSK	36	0	21.79	21.93	21.85			23	1		
15	QPSK	36	20	21.79	21.67	21.77						
15	QPSK	36	39	21.62	21.56	21.64						
15	QPSK	75	0	21.52	21.89	21.64			23	1		
15	16QAM	1	0	21.26	21.44	21.29						
15	16QAM	1	37	21.31	21.40	21.40						
15	16QAM	1	74	21.38	21.50	21.40			22	2		
15	16QAM	36	0	20.65	20.67	20.70						
15	16QAM	36	20	20.71	20.64	20.67						
15	16QAM	36	39	20.73	20.71	20.61			22	2		
15	16QAM	75	0	20.66	20.65	20.64						
15	84QAM	1	0	20.77	20.64	20.58						
15	84QAM	1	37	20.50	20.54	20.58			22	2		
15	84QAM	1	74	20.59	20.51	20.52						
15	84QAM	36	0	19.58	19.56	19.65						
15	84QAM	36	20	19.66	19.63	19.75			21	3		
15	84QAM	36	39	19.67	19.63	19.67						
15	84QAM	75	0	19.64	19.63	19.60						
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.58	22.76	22.65			24	0		
10	QPSK	1	25	22.54	22.62	22.71						
10	QPSK	1	49	22.28	22.63	22.66						
10	QPSK	25	0	21.68	21.80	21.58			23	1		
10	QPSK	25	12	21.68	21.62	21.68						
10	QPSK	25	25	21.72	21.80	21.87						
10	QPSK	50	0	21.45	21.74	21.50			23	1		
10	16QAM	1	0	21.37	21.35	21.30						
10	16QAM	1	25	21.35	21.55	21.39						
10	16QAM	1	49	21.42	21.43	21.40			22	2		
10	16QAM	25	0	20.61	20.62	20.70						
10	16QAM	25	12	20.72	20.75	20.61						
10	16QAM	25	25	20.74	20.60	20.64			22	2		
10	16QAM	50	0	20.70	20.64	20.68						
10	84QAM	1	0	20.61	20.70	20.78						
10	84QAM	1	25	20.47	20.38	20.61			21	3		
10	84QAM	1	49	20.50	20.61	20.48						
10	84QAM	25	0	19.68	19.65	19.67						
10	84QAM	25	12	19.61	19.58	19.87			21	3		
10	84QAM	25	25	19.55	19.64	19.72						
10	84QAM	50	0	19.68	19.79	19.71						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.54	22.69	22.74			24	0		
5	QPSK	1	12	22.50	22.67	22.76						
5	QPSK	1	24	22.39	22.55	22.71						
5	QPSK	12	0	21.65	21.77	21.70			23	1		
5	QPSK	12	7	21.69	21.67	21.84						
5	QPSK	12	13	21.61	21.56	21.67						
5	QPSK	25	0	21.50	21.70	21.57			23	1		
5	16QAM	1	0	21.39	21.52	21.39						
5	16QAM	1	12	21.21	21.43	21.33						
5	16QAM	1	24	21.42	21.29	21.49			22	2		
5	16QAM	12	0	20.66	20.80	20.73						
5	16QAM	12	7	20.85	20.78	20.56						
5	16QAM	12	13	20.74	20.68	20.78			22	2		
5	16QAM	25	0	20.50	20.62	20.70						
5	84QAM	1	0	20.74	20.58	20.79						
5	84QAM	1	12	20.54	20.59	20.62			22	2		
5	84QAM	1	24	20.58	20.46	20.56						
5	84QAM	12	0	19.70	19.61	19.66						
5	84QAM	12	7	19.75	19.50	19.70			21	3		
5	84QAM	12	13	19.50	19.66	19.70						
5	84QAM	25	0	19.50	19.78	19.70						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.55	22.68	22.66			24	0		
3	QPSK	1	8	22.41	22.69	22.73						
3	QPSK	1	14	22.23	22.62	22.50						
3	QPSK	8	0	21.78	21.88	21.59			23	1		
3	QPSK	8	4	21.83	21.76	21.75						
3	QPSK	8	7	21.59	21.62	21.64						
3	QPSK	15	0	21.62	21.83	21.61			23	1		
3	16QAM	1	0	21.34	21.58	21.40						
3	16QAM	1	8	21.18	21.59	21.37						
3	16QAM	1	14	21.50	21.37	21.47			22	2		
3	16QAM	8	0	20.75	20.75	20.67						
3	16QAM	8	4	20.77	20.70	20.59						
3	16QAM	8	7	20.68	20.63	20.76			22	2		
3	16QAM	15	0	20.51	20.61	20.68						
3	64QAM	1	0	20.68	20.63	20.65						
3	64QAM	1	8	20.44	20.44	20.67			22	2		
3	64QAM	1	14	20.46	20.43	20.61						
3	64QAM	8	0	19.66	19.77	19.59						
3	64QAM	8	4	19.57	19.63	19.78			21	3		
3	64QAM	8	7	19.49	19.61	19.83						
3	64QAM	15	0	19.62	19.78	19.66						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.49	22.62	22.56			24	0		
1.4	QPSK	1	3	22.34	22.61	22.66						
1.4	QPSK	1	5	22.39	22.53	22.50						
1.4	QPSK	3	0	22.56	22.72	22.64			23	1		
1.4	QPSK	3	1	22.50	22.82	22.61						
1.4	QPSK	3	3	22.33	22.63	22.50						
1.4	QPSK	6	0	21.59	21.67	21.54			23	1		
1.4	16QAM	1	0	21.22	21.54	21.45						
1.4	16QAM	1	3	21.34	21.45	21.33						
1.4	16QAM	1	5	21.29	21.34	21.27			23	1		
1.4	16QAM	3	0	21.67	21.63	21.70						
1.4	16QAM	3	1	21.76	21.52	21.59						
1.4	16QAM	3	3	21.62	21.81	21.72			22	2		
1.4	16QAM	6	0	20.54	20.66	20.69						
1.4	84QAM	1	0	20.58	20.72	20.58						
1.4	84QAM	1	3	20.48	20.48	20.54			22	2		
1.4	84QAM	1	5	20.60	20.62	20.61						
1.4	84QAM	3	0	20.67	20.58	20.50						
1.4	84QAM	3	3	20.46	20.46	20.64			22	2		
1.4	84QAM	3	3	20.45	20.52	20.44						
1.4	84QAM	6	0	19.51	19.68	19.64						

Band 7									
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)				2507.5	2535	2560			
20	QPSK	1	0	23.09	23.15	23.04	24	0	
20	QPSK	1	49	23.09	22.94	23.01			
20	QPSK	1	99	22.87	23.01	22.84			
20	QPSK	50	0	21.81	21.88	21.84	23	1	
20	QPSK	50	24	21.82	21.79	21.89			
20	QPSK	50	50	21.78	21.87	21.82			
20	QPSK	100	0	21.80	21.81	21.75	23	1	
20	16QAM	1	0	21.59	21.73	21.61			
20	16QAM	1	49	21.70	21.72	21.68			
20	16QAM	1	99	21.72	21.60	21.54	22	2	
20	16QAM	50	0	20.75	20.94	20.74			
20	16QAM	50	24	20.76	20.99	20.77			
20	16QAM	50	50	20.92	20.87	20.76	22	2	
20	16QAM	100	0	20.97	20.91	20.89			
20	64QAM	1	0	20.71	20.73	20.69			
20	64QAM	1	49	20.54	20.73	20.73	22	2	
20	64QAM	1	99	20.82	20.75	20.65			
20	64QAM	50	0	19.86	19.84	19.67			
20	64QAM	50	24	19.73	19.95	19.76	21	3	
20	64QAM	50	50	19.97	19.76	19.70			
20	64QAM	100	0	20.09	19.99	20.00			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.99	23.01	23.04	24	0	
15	QPSK	1	37	23.09	22.94	22.95			
15	QPSK	1	74	22.70	22.89	22.81			
15	QPSK	36	0	21.79	21.73	21.85	23	1	
15	QPSK	36	20	21.68	21.67	21.61			
15	QPSK	36	39	21.61	21.66	21.81			
15	QPSK	75	0	21.60	21.74	21.58	23	1	
15	16QAM	1	0	21.41	21.54	21.42			
15	16QAM	1	37	21.54	21.53	21.63			
15	16QAM	1	74	21.70	21.41	21.39	22	2	
15	16QAM	36	0	20.67	20.90	20.56			
15	16QAM	36	20	20.56	20.75	20.57			
15	16QAM	36	39	20.82	20.81	20.70	22	2	
15	16QAM	75	0	20.69	20.70	20.88			
15	84QAM	1	0	20.57	20.66	20.47			
15	84QAM	1	37	20.51	20.68	20.68	22	2	
15	84QAM	1	74	20.70	20.56	20.58			
15	84QAM	36	0	19.69	19.80	19.50			
15	84QAM	36	20	19.57	19.93	19.78	21	3	
15	84QAM	36	39	19.92	19.70	19.57			
15	84QAM	75	0	19.94	19.91	19.95			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.94	23.14	22.99	24	0	
10	QPSK	1	25	23.08	22.84	22.89			
10	QPSK	1	49	22.83	22.81	22.82			
10	QPSK	25	0	21.73	21.88	21.77	23	1	
10	QPSK	25	12	21.60	21.63	21.47			
10	QPSK	25	25	21.73	21.61	21.74			
10	QPSK	50	0	21.73	21.76	21.66	23	1	
10	16QAM	1	0	21.44	21.57	21.39			
10	16QAM	1	25	21.49	21.57	21.62			
10	16QAM	1	49	21.64	21.52	21.45	22	2	
10	16QAM	25	0	20.59	20.92	20.64			
10	16QAM	25	12	20.74	20.89	20.60			
10	16QAM	25	25	20.86	20.80	20.71	22	2	
10	16QAM	50	0	20.82	20.71	20.83			
10	64QAM	1	0	20.64	20.67	20.52			
10	64QAM	1	25	20.39	20.70	20.69	22	2	
10	64QAM	1	49	20.69	20.76	20.52			
10	84QAM	25	0	19.86	19.65	19.62			
10	84QAM	25	12	19.60	19.78	19.60	21	3	
10	84QAM	25	25	19.81	19.59	19.53			
10	84QAM	50	0	20.05	19.91	19.95			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.95	23.03	22.88	24	0	
5	QPSK	1	12	23.02	22.79	22.96			
5	QPSK	1	24	22.72	22.88	22.70			
5	QPSK	12	0	21.67	21.74	21.86	23	1	
5	QPSK	12	7	21.60	21.64	21.65			
5	QPSK	12	13	21.71	21.48	21.78			
5	QPSK	25	0	21.68	21.82	21.75	23	1	
5	16QAM	1	0	21.56	21.61	21.63			
5	16QAM	1	12	21.56	21.55	21.64			
5	16QAM	1	24	21.73	21.44	21.55	22	2	
5	16QAM	12	0	20.73	20.85	20.72			
5	16QAM	12	7	20.65	20.72	20.77			
5	16QAM	12	13	20.84	20.78	20.72	22	2	
5	16QAM	25	0	20.80	20.91	20.69			
5	64QAM	1	0	20.68	20.51	20.67			
5	64QAM	1	12	20.47	20.64	20.64	22	2	
5	64QAM	1	24	20.79	20.71	20.56			
5	64QAM	12	0	19.70	19.63	19.64			
5	84QAM	12	7	19.67	19.82	19.72	21	3	
5	84QAM	12	13	19.86	19.77	19.62			
5	84QAM	25	0	20.08	19.83	19.96			

Band 12									
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				23000	23095	23130			
Frequency (MHz)				707.5	707.5	711.1			
10	QPSK	1	0	23.51	23.71	23.66	25	0	
10	QPSK	1	25	23.44	23.70	23.53			
10	QPSK	1	49	23.30	23.70	23.61			
10	QPSK	25	0	22.40	22.59	22.50	24	1	
10	QPSK	25	12	22.46	22.53	22.55			
10	QPSK	25	25	22.51	22.58	22.48			
10	QPSK	50	0	22.54	22.59	22.55	24	1	
10	16QAM	1	0	22.40	22.55	22.40			
10	16QAM	1	25	22.55	22.56	22.51			
10	16QAM	1	49	22.49	22.45	22.47	23	2	
10	16QAM	25	0	21.52	21.37	21.50			
10	16QAM	25	12	21.51	21.37	21.54			
10	16QAM	25	25	21.44	21.52	21.44	23	2	
10	16QAM	50	0	21.44	21.35	21.50			
10	64QAM	1	0	21.44	21.31	21.47			
10	64QAM	1	25	21.43	21.17	21.32	23	2	
10	64QAM	1	49	21.23	21.47	21.41			
10	64QAM	25	0	20.41	20.44	20.43			
10	64QAM	25	12	20.56	20.48	20.52	22	3	
10	64QAM	25	25	20.55	20.60	20.38			
10	64QAM	50	0	20.44	20.25	20.69			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.50	23.52	23.49	25	0	
5	QPSK	1	12	23.23	23.56	23.52			
5	QPSK	1	24	23.19	23.56	23.63			
5	QPSK	12	0	22.35	22.46	22.45	24	1	
5	QPSK	12	7	22.28	22.34	22.51			
5	QPSK	12	13	22.45	22.49	22.38			
5	QPSK	25	0	22.45	22.54	22.46	24	1	
5	16QAM	1	0	22.41	22.37	22.33			
5	16QAM	1	12	22.44	22.58	22.44			
5	16QAM	1	24	22.48	22.37	22.39	23	2	
5	16QAM	12	0	21.41	21.30	21.49			
5	16QAM	12	7	21.44	21.32	21.54			
5	16QAM	12	13	21.30	21.37	21.27	23	2	
5	16QAM	25	0	21.51	21.25	21.46			
5	5QAM	1	0	21.26	21.15	21.42			
5	5QAM	1	12	21.46	21.26	21.39	22	3	
5	5QAM	1	24	21.11	21.39	21.27			
5	5QAM	12	0	20.40	20.36	20.31			
5	5QAM	12	7	20.43	20.49	20.42	22	3	
5	5QAM	12	13	20.53	20.50	20.16			
5	5QAM	25	0	20.36	20.24	20.38			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704.5	707.5	714.5			
3	QPSK	1	0	23.48	23.49	23.67	25	0	
3	QPSK	1	8	23.42	23.58	23.44			
3	QPSK	1	14	23.25	23.69	23.42			
3	QPSK	8	0	22.37	22.37	22.50	24	1	
3	QPSK	8	4	22.51	22.36	22.38			
3	QPSK	8	7	22.50	22.39	22.26			
3	QPSK	15	0	22.42	22.50	22.45	24	1	
3	16QAM	1	0	22.29	22.51	22.35			
3	16QAM	1	8	22.42	22.39	22.33			
3	16QAM	8	0	22.49	22.34	22.47	23	2	
3	16QAM	8	6	21.37	21.38	21.31			
3	16QAM	8	4	21.42	21.16	21.52			
3	16QAM	15	0	21.41	21.31	21.47	23	2	
3	6QAM	1	0	21.21	21.13	21.29			
3	6QAM	1	8	21.42	21.14	21.32			
3	6QAM	1	14	21.04	21.27	21.23	22	3	
3	6QAM	8	0	20.39	20.31	20.13			
3	6QAM	8	4	20.42	20.33	20.21			
3	6QAM	8	7	20.34	20.34	20.06	22	3	
3	6QAM	15	0	20.18	20.22	20.20			
3	6QAM	15	0	20.18	20.22	20.20			
Channel				23025	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.34	23.49	23.53	25	0	
1.4	QPSK	1	3	23.33	23.64	23.51			
1.4	QPSK	1	5	23.19	23.53	23.47			
1.4	QPSK	3	0	23.39	23.56	23.46	24	1	
1.4	QPSK	3	1	23.41	23.66	23.47			
1.4	QPSK	3	2	23.23	23.64	23.45			
1.4	QPSK	6	0	22.34	22.44	22.39	24	1	
1.4	16QAM	1	0	22.21	22.45	22.35			
1.4	16QAM	1	3	22.45	22.44	22.40			
1.4	16QAM	1	5	22.37	22.37	22.45	24	1	
1.4	16QAM	3	0	22.30	22.60	22.49			
1.4	16QAM	3	1	22.35	22.35	22.36			
1.4	16QAM	3	3	22.45	22.42	22.41	23	2	
1.4	16QAM	6	0	21.05	21.03	21.42			
1.4	6QAM	1	3	21.44	21.09	21.40			
1.4	6QAM	1	5	21.13	21.27	21.19	23	2	
1.4	6QAM	3	1	21.21	21.13	21.42			
1.4	6QAM	3	1	21.11	21.00	21.42			
1.4	6QAM	3	3	21.15	21.13	21.42	22	3	
1.4	6QAM	6	0	20.36	20.05	20.37			

Band 14

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				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				793.5	793	795.5		
10	QPSK	1	0	23.72	23.65	23.66	25	0
10	QPSK	1	25	23.70	23.70	23.66		
10	QPSK	1	49	23.78	23.78	23.66		
10	QPSK	25	0	22.71	22.71	22.69	24	1
10	QPSK	25	12	22.51	22.51	22.69		
10	QPSK	25	25	22.50	22.50	22.69		
10	QPSK	50	0	22.57	22.57	22.69	24	1
10	16QAM	1	0	22.66	22.66	22.59		
10	16QAM	1	25	22.67	22.67	22.59		
10	16QAM	1	49	22.47	22.47	22.59	23	2
10	16QAM	25	0	21.54	21.54	21.52		
10	16QAM	25	12	21.35	21.35	21.52		
10	16QAM	25	25	21.55	21.55	21.52	22	3
10	16QAM	50	0	21.52	21.52	20.47		
10	16QAM	1	0	21.39	21.39	20.47		
10	64QAM	1	25	21.43	21.43	20.51	25	0
10	64QAM	1	49	21.31	21.31	20.51		
10	64QAM	25	0	20.39	20.39	20.51		
10	64QAM	25	12	20.52	20.52	20.51	24	1
10	64QAM	25	25	20.47	20.47	20.51		
10	64QAM	50	0	20.51	20.51	20.49		
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	23.72	23.65	23.66	24	1
5	QPSK	1	12	23.66	23.58	23.65		
5	QPSK	1	24	23.71	23.73	23.61		
5	QPSK	12	0	22.50	22.68	22.71	23	2
5	QPSK	12	7	22.32	22.35	22.48		
5	QPSK	12	13	22.47	22.45	22.42		
5	QPSK	25	0	22.55	22.69	22.63	22	3
5	16QAM	1	0	22.45	22.51	22.54		
5	16QAM	1	12	22.53	22.55	22.59		
5	16QAM	1	24	22.41	22.48	22.46	23	2
5	16QAM	12	0	21.42	21.46	21.48		
5	16QAM	12	7	21.30	21.34	21.25		
5	16QAM	12	13	21.54	21.50	21.47	22	3
5	16QAM	25	0	21.44	21.44	21.32		
5	64QAM	1	0	21.29	21.44	21.47		
5	64QAM	1	12	21.37	21.34	21.38	24	1
5	64QAM	1	24	21.29	21.22	21.28		
5	64QAM	12	0	20.53	20.44	20.52		
5	64QAM	12	7	20.47	20.44	20.59	23	2
5	64QAM	12	13	20.52	20.45	20.56		
5	64QAM	25	0	20.30	20.31	20.49		

Band 17

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				23760	23790	23840	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.66	23.62	25	0
10	QPSK	1	25	23.58	23.50	23.43		
10	QPSK	1	49	23.59	23.60	23.42		
10	QPSK	25	0	22.44	22.65	22.47	24	1
10	QPSK	25	12	22.46	22.52	22.57		
10	QPSK	25	25	22.55	22.58	22.61		
10	QPSK	50	0	22.50	22.71	22.55	24	1
10	16QAM	1	0	22.66	22.65	22.59		
10	16QAM	1	25	22.64	22.50	22.72		
10	16QAM	1	49	22.49	22.51	22.53	23	2
10	16QAM	25	0	21.58	21.64	21.52		
10	16QAM	25	12	21.50	21.60	21.58		
10	16QAM	25	25	21.62	21.52	21.62	22	3
10	16QAM	50	0	21.50	21.67	21.65		
10	64QAM	1	0	21.71	21.48	21.49		
10	64QAM	1	25	21.55	21.53	21.61	25	0
10	64QAM	1	49	21.40	21.52	21.44		
10	64QAM	25	0	20.72	20.70	20.73		
10	64QAM	25	12	20.63	20.73	20.77	24	1
10	64QAM	25	25	20.74	20.71	20.69		
10	64QAM	50	0	20.54	20.57	20.71		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.62	23.56	23.57	24	1
5	QPSK	1	12	23.45	23.38	23.45		
5	QPSK	1	24	23.58	23.59	23.34		
5	QPSK	12	0	22.22	22.57	22.34	23	2
5	QPSK	12	7	22.41	22.40	22.49		
5	QPSK	12	13	22.51	22.42	22.61		
5	QPSK	25	0	22.38	22.51	22.39	22	3
5	16QAM	1	0	22.36	22.47	22.60		
5	16QAM	1	12	22.46	22.37	22.57		
5	16QAM	1	24	22.28	22.52	22.39	23	2
5	16QAM	12	0	21.39	21.56	21.31		
5	16QAM	12	7	21.29	21.58	21.52		
5	16QAM	12	13	21.44	21.43	21.56	22	3
5	16QAM	25	0	21.38	21.50	21.44		
5	64QAM	1	0	21.58	21.51	21.67		
5	64QAM	1	12	21.50	21.62	21.48	24	1
5	64QAM	1	24	21.47	21.50	21.41		
5	64QAM	12	0	20.60	20.57	20.72		
5	64QAM	12	7	20.66	20.65	20.67	23	2
5	64QAM	12	13	20.70	20.52	20.61		
5	64QAM	25	0	20.52	20.61	20.61		

Band 25

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				26140	26340	26590	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1860	1905		
20	QPSK	1	0	22.91	23.01	22.94	24	0
20	QPSK	1	49	22.87	22.89	22.73		
20	QPSK	1	99	22.92	22.83	22.92		
20	QPSK	50	0	21.65	21.82	21.72	23	1
20	QPSK	50	24	21.70	21.86	21.75		
20	QPSK	50	50	21.75	21.66	21.81		
20	QPSK	100	0	21.60	21.76	21.69	23	1
20	16QAM	1	0	21.62	21.73	21.69		
20	16QAM	1	49	21.76	21.55	21.61		
20	16QAM	1	99	21.66	21.67	21.73	22	2
20	16QAM	50	0	20.87	20.84	20.85		
20	16QAM	50	24	20.82	20.85	20.75		
20	16QAM	50	50	20.69	20.84	20.81	22	2
20	16QAM	100	0	20.73	20.86	20.71		
20	64QAM	1	0	20.62	20.64	20.66		
20	64QAM	1	49	20.60	20.53	20.66	22	2
20	64QAM	1	99	20.39	20.49	20.61		
20	64QAM	50	0	19.74	19.77	19.72		
20	64QAM	50	24	19.68	19.55	19.81	21	3
20	64QAM	50	50	19.68	19.64	19.63		
20	64QAM	100	0	19.59	19.64	19.66		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1890	1907.5		
15	QPSK	1	0	22.83	22.88	22.84	24	0
15	QPSK	1	37	22.84	22.69	22.87		
15	QPSK	1	74	22.92	22.77	22.91		
15	QPSK	36	0	21.47	21.67	21.58	23	1
15	QPSK	36	20	21.65	21.46	21.67		
15	QPSK	36	39	21.68	21.45	21.81		
15	QPSK	75	0	21.46	21.75	21.69	23	1
15	16QAM	1	0	21.54	21.54	21.57		
15	16QAM	1	37	21.68	21.38	21.50		
15	16QAM	1	74	21.58	21.50	21.53	22	2
15	16QAM	36	0	20.49	20.50	20.84		
15	16QAM	36	20	20.76	20.60	20.75		
15	16QAM	36	39	20.49	20.71	20.66	21	3
15	16QAM	75	0	20.73	20.65	20.59		
15	64QAM	1	0	20.71	20.69	20.57		
15	64QAM	1	37	20.55	20.57	20.64	22	2
15	64QAM	1	74	20.59	20.51	20.41		
15	64QAM	36	0	19.61	19.73	19.53		
15	64QAM	36	20	19.64	19.70	19.86	21	3
15	64QAM	36	39	19.47	19.48	19.77		
15	64QAM	75	0	19.71	19.76	19.57		
Channel				26500	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.84	22.84	22.88	24	0
10	QPSK	1	25	22.67	22.79	22.73		
10	QPSK	1	49	22.77	22.73	22.74		
10	QPSK	25	0	21.56	21.65	21.54	23	1
10	QPSK	25	12	21.50	21.54	21.67		
10	QPSK	25	24	21.62	21.42	21.72		
10	QPSK	50	0	21.80	21.85	21.55	23	1
10	16QAM	1	0	21.49	21.53	21.66		
10	16QAM	1	25	21.78	21.35	21.59		
10	16QAM	1	49	21.65	21.48	21.59	22	2
10	16QAM	25	0	20.60	20.48	20.87		
10	16QAM	25	12	20.30	20.44	20.85		
10	16QAM	25	25	20.63	20.65	20.68	22	2
10	16QAM	50	0	20.65	20.69	20.59		
10	64QAM	1	0	20.68	20.74	20.73		
10	64QAM	1	25	20.66	20.58	20.63	22	2
10	64QAM	1	49	20.55	20.45	20.55		
10	64QAM	25	0	19.68	19.75	19.73		
10	64QAM	25	12	19.67	19.64	19.79	21	3
10	64QAM	25	25	19.81	19.79	19.82		
10	64QAM	50	0	19.64	19.79	19.58		
Channel				26505	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.78	22.97	22.87	24	0
5	QPSK	1	12	22.69	22.75	22.58		
5	QPSK	1	24	22.71	22.74	22.79		
5	QPSK	12	0	21.55	21.62	21.62	23	1
5	QPSK	12	7	21.68	21.58	21.61		
5	QPSK	12	13	21.72	21.59	21.71		
5	QPSK	25	0	21.60	21.64	21.68	23	1
5	16QAM	1	0	21.51	21.69	21.47		
5	16QAM	1	12	21.70	21.46	21.55		
5	16QAM	1	17	21.67	21.54	21.64	22	2
5	16QAM	12	0	20.58	20.55	20.79		
5	16QAM	12	7	20.78	20.44	20.54		
5	16QAM	12	13	20.69	20.69	20.65	22	2
5	16QAM	25	0	20.57	20.75	20.61		
5	64QAM	1	0	20.62	20.65	20.72		
5	64QAM	1	12	20.49	20.55	20.52	22	2
5	64QAM	1	17	20.41	20.47	20.44		
5	64QAM	12	0	19.72	19.69	19.61		
5	64QAM	12	7	19.72	19.64	19.68	21	3
5	64QAM	12	13	19.51	19.64	19.82		
5	64QAM	25	0	19.51	19.61	19.65		
Channel				26555	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.81	22.92	22.90	24	0
3	QPSK	1	8	22.86	22.82	22.51		
3	QPSK	1	14	22.88	22.81	22.77		
3	QPSK	8	0	21.60	21.69	21.65	23	1
3	QPSK	8	4	21.54	21.66	21.62		
3	QPSK	8	7	21.66	21.67	21.65		
3	QPSK	15	0	21.55	21.76	21.60	23	1
3	16QAM	1	0	21.42	21.62	21.49		
3	16QAM	1	8	21.61	21.46	21.56		
3	16QAM	1	14	21.62	21.57	21.56	22	2
3	16QAM	8	0	20.66	20.43	20.66		
3	16QAM	8	4	20.78	20.51	20.66		
3	16QAM	8	7	20.50	20.81	20.78	22	2
3	16QAM	15	0	20.52	20.27	20.56		
3	64QAM	1	0	20.17	20.17	20.17		
3	64QAM	1	8	20.67	20.59	20.67	22	2
3	64QAM	1	14	20.57	20.42	20.50		
3	64QAM	8	0	19.69	19.65	19.75		
3	64QAM	8	4	19.66	19.69	19.70	21	3
3	64QAM	8	7	19.55	19.78	19.77		
3	64QAM	15	0	19.62	19.62	19.61		
Channel				26547	26340	26563	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.71	22.82	22.81	24	0
1.4	QPSK	1	3	22.73	22.90	22.71		
1.4	QPSK	1	5	22.70	22.76	22.90		
1.4	QPSK	3	0	22.92	22.83	22.72	23	1
1.4	QPSK	3	1	22.86	22.79	22.74		
1.4	QPSK	3	2	22.87	22.82	22.76		
1.4	16QAM	1	0	21.51	21.52	21.65	23	1
1.4	16QAM	1	3	21.56	21.38	21.53		
1.4	16QAM	1	5	21.60	21.67	21.61		
1.4	16QAM	3	0	21.51	21.64	21.67	22	2
1.4	16QAM	3	1	21.72	21.50	21.68		
1.4	16QAM	3	15	21.49	21.75	21.58		
1.4	16QAM	6	0	20.74	20.72	20.63	22	2
1.4	64QAM	1	0	20.60	20.63	20.72		
1.4	64QAM	1	3	20.60	20.44	20.70		
1.4	64QAM	1	5	20.41	20.45	20.39	22	2
1.4	64QAM	3	0	20.70	20.62	20.78		
1.4	64QAM	3	1	20.67	20.67	20.67		
1.4	64QAM	3	3	20.47	20.55	20.56	21	3
1.4	64QAM	6	0	19.67	19.74	19.59		

Band 26									
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				26703	26805	26903			
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	0	23.64	23.75	23.69	25	0	
15	QPSK	1	37	23.45	23.72	23.67			
15	QPSK	1	74	23.44	23.57	23.64			
15	QPSK	36	0	22.72	22.73	22.83			
15	QPSK	36	20	22.57	22.52	22.88	24	1	
15	QPSK	36	39	22.66	22.85	22.89			
15	QPSK	75	0	22.62	22.69	22.60			
15	16QAM	1	0	22.96	22.87	22.85			
15	16QAM	1	37	22.96	22.96	22.95	24	1	
15	16QAM	1	74	22.96	22.99	22.89			
15	16QAM	36	0	21.39	21.42	21.46			
15	16QAM	36	20	21.43	21.51	21.45			
15	16QAM	36	39	21.51	21.55	21.37	23	2	
15	16QAM	75	0	21.45	21.45	21.50			
15	64QAM	1	0	21.25	21.22	21.38			
15	64QAM	1	37	21.32	21.16	21.17			
15	64QAM	1	74	21.26	21.23	21.33	23	2	
15	64QAM	36	0	20.32	20.54	20.50			
15	64QAM	36	20	20.45	20.26	20.25			
15	64QAM	36	39	20.28	20.46	20.38			
15	64QAM	75	0	20.76	20.59	20.48			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.48	23.70	23.65	25	0	
10	QPSK	1	25	23.43	23.72	23.57			
10	QPSK	1	49	23.35	23.41	23.47			
10	QPSK	25	0	22.69	22.70	22.53			
10	QPSK	25	12	22.50	22.33	22.53	24	1	
10	QPSK	25	25	22.50	22.64	22.60			
10	QPSK	50	0	22.55	22.52	22.49			
10	16QAM	1	0	22.83	22.77	22.76			
10	16QAM	1	25	22.96	22.79	22.78	24	1	
10	16QAM	1	49	22.97	22.85	22.73			
10	16QAM	25	0	21.37	21.26	21.46			
10	16QAM	25	12	21.25	21.35	21.31			
10	16QAM	25	25	21.43	21.44	21.20	23	2	
10	16QAM	50	0	21.33	21.40	21.37			
10	64QAM	1	0	21.30	21.32	21.40			
10	64QAM	1	25	21.33	21.12	21.19			
10	64QAM	1	49	21.10	21.21	21.31	23	2	
10	64QAM	25	0	20.26	20.41	20.41			
10	64QAM	25	12	20.29	20.22	20.28			
10	64QAM	25	25	20.40	20.37	20.42			
10	64QAM	50	0	20.53	20.51	20.50			
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.56	23.65	23.56	25	0	
5	QPSK	1	12	23.44	23.65	23.61			
5	QPSK	1	24	23.24	23.44	23.52			
5	QPSK	12	0	22.56	22.65	22.64			
5	QPSK	12	7	22.49	22.45	22.49	24	1	
5	QPSK	12	13	22.57	22.45	22.50			
5	QPSK	25	0	22.54	22.66	22.40			
5	16QAM	1	0	22.76	22.85	22.83			
5	16QAM	1	12	22.85	22.86	22.89	24	1	
5	16QAM	1	24	22.87	22.78	22.84			
5	16QAM	12	0	21.29	21.32	21.33			
5	16QAM	12	7	21.36	21.41	21.24			
5	16QAM	12	13	21.50	21.43	21.35	23	2	
5	16QAM	25	0	21.37	21.46	21.36			
5	64QAM	1	0	21.33	21.43	21.42			
5	64QAM	1	12	21.22	21.21	21.15			
5	64QAM	1	24	21.26	21.30	21.32	23	2	
5	64QAM	12	0	20.41	20.50	20.39			
5	64QAM	12	7	20.31	20.28	20.37			
5	64QAM	12	13	20.21	20.40	20.34			
5	64QAM	25	0	20.67	20.51	20.61			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.45	23.67	23.65	25	0	
3	QPSK	1	8	23.29	23.56	23.49			
3	QPSK	1	14	23.40	23.54	23.49			
3	QPSK	8	0	22.69	22.58	22.46			
3	QPSK	8	4	22.49	22.41	22.66	24	1	
3	QPSK	8	7	22.63	22.51	22.67			
3	QPSK	15	0	22.50	22.54	22.43			
3	16QAM	1	0	22.87	22.68	22.74			
3	16QAM	1	8	22.79	22.91	22.83	24	1	
3	16QAM	1	14	22.88	23.01	22.85			
3	16QAM	8	0	21.32	21.32	21.39			
3	16QAM	8	4	21.31	21.38	21.32			
3	16QAM	8	7	21.48	21.47	21.24	23	2	
3	16QAM	15	0	21.36	21.24	21.46			
3	64QAM	1	0	21.28	21.30	21.55			
3	64QAM	1	8	21.21	21.26	21.09			
3	64QAM	1	14	21.21	21.23	21.32	23	2	
3	64QAM	8	0	20.32	20.47	20.49			
3	64QAM	8	4	20.50	20.44	20.22			
3	64QAM	8	7	20.24	20.36	20.45			
3	64QAM	15	0	20.72	20.36	20.52			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.52	23.62	23.65	25	0	
1.4	QPSK	1	3	23.34	23.51	23.45			
1.4	QPSK	1	5	23.33	23.50	23.44			
1.4	QPSK	3	0	23.56	23.63	23.67			
1.4	QPSK	3	1	23.27	23.62	23.59	24	1	
1.4	QPSK	3	3	23.39	23.48	23.62			
1.4	QPSK	6	0	22.52	22.50	22.54			
1.4	16QAM	1	0	22.97	22.70	22.77			
1.4	16QAM	1	3	22.85	22.83	22.76	24	1	
1.4	16QAM	1	5	22.90	22.92	22.78			
1.4	16QAM	3	0	22.59	22.62	22.52			
1.4	16QAM	3	1	22.58	22.37	22.62			
1.4	16QAM	3	3	22.48	22.61	22.61	23	2	
1.4	16QAM	6	0	21.38	21.46	21.32			
1.4	64QAM	1	0	21.33	21.37	21.49			
1.4	64QAM	1	3	21.27	21.17	21.29			
1.4	64QAM	1	5	21.14	21.23	21.36	23	2	
1.4	64QAM	3	0	21.39	21.31	21.51			
1.4	64QAM	3	1	21.11	21.21	21.22			
1.4	64QAM	3	3	21.27	21.41	21.26			
1.4	64QAM	6	0	20.76	20.39	20.46	22	3	

Band 66											
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				130072	130322	130572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	23.22	23.29	23.24	24	0			
20	QPSK	1	49	23.20	23.18	23.15					
20	QPSK	1	99	23.10	23.26	23.12					
20	QPSK	50	0	22.17	22.19	22.15					
20	QPSK	50	24	22.15	22.14	22.17	23	1			
20	QPSK	50	50	21.98	22.06	21.98					
20	QPSK	100	0	22.11	22.15	22.06					
20	16QAM	1	0	21.94	22.06	22.04					
20	16QAM	1	49	22.04	22.16	22.09	23	1			
20	16QAM	1	99	22.14	22.01	22.05					
20	16QAM	50	0	21.33	21.24	21.16					
20	16QAM	50	24	21.12	21.16	21.26					
20	16QAM	50	50	21.21	21.22	21.23	22	2			
20	16QAM	100	0	21.12	21.35	21.13					
20	64QAM	1	0	21.20	21.19	21.09					
20	64QAM	1	49	21.09	20.97	21.17					
20	64QAM	1	99	21.12	21.21	21.25	22	2			
20	64QAM	50	0	20.31	20.35	20.07					
20	64QAM	50	24	20.21	20.09	20.36					
20	64QAM	50	50	20.15	20.14	20.35					
20	64QAM	100	0	20.21	20.35	20.01	21	3			
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)				
15	QPSK	1	0	23.05	23.17	23.05	24	0			
15	QPSK	1	37	23.03	23.09	23.09					
15	QPSK	1	74	22.90	23.16	22.92					
15	QPSK	36	0	22.09	22.13	21.97					
15	QPSK	36	20	22.03	22.07	22.13	23	1			
15	QPSK	36	39	21.85	21.87	21.87					
15	QPSK	75	0	21.90	22.06	21.90					
15	16QAM	1	0	21.92	22.05	22.03					
15	16QAM	1	37	21.87	22.00	22.06	23	1			
15	16QAM	1	74	21.98	22.01	22.07					
15	16QAM	36	0	21.23	21.19	21.17					
15	16QAM	36	20	21.07	21.07	21.19					
15	16QAM	36	39	21.00	21.22	21.11	22	2			
15	16QAM	75	0	21.12	21.25	20.95					
15	64QAM	1	0	21.14	21.12	21.09					
15	64QAM	1	37	20.98	20.95	20.97					
15	64QAM	1	74	21.06	21.23	21.22	22	2			
15	64QAM	36	0	20.15	20.25	20.04					
15	64QAM	36	20	20.20	20.05	20.30					
15	64QAM	36	39	19.99	20.09	20.13					
15	64QAM	75	0	19.93	20.34	19.94	21	3			
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)				
10	QPSK	1	0	23.16	23.12	23.09	24	0			
10	QPSK	1	25	23.15	23.09	23.06					
10	QPSK	1	49	23.01	23.16	23.09					
10	QPSK	25	0	22.13	22.05	22.13					
10	QPSK	25	12	22.04	22.14	22.07	23	1			
10	QPSK	25	25	21.89	21.86	21.93					
10	QPSK	50	0	22.08	21.99	22.04					
10	16QAM	1	0	21.79	21.86	21.96					
10	16QAM	1	25	21.84	21.95	22.05	23	1			
10	16QAM	1	49	22.04	21.85	21.90					
10	16QAM	25	0	21.23	21.25	21.09					
10	16QAM	25	12	21.14	20.95	21.08					
10	16QAM	25	25	21.11	21.12	21.23	22	2			
10	16QAM	50	0	21.05	21.18	21.14					
10	64QAM	1	0	21.20	21.18	20.88					
10	64QAM	1	25	21.01	20.89	21.18					
10	64QAM	1	49	21.13	21.03	21.19	21	3			
10	64QAM	25	0	20.22	20.22	20.95					
10	64QAM	25	12	20.18	20.11	20.20					
10	64QAM	25	25	20.00	19.94	20.27					
10	64QAM	50	0	20.11	20.28	19.90	Tune-up limit (dBm)				
Channel				131997	132322	132647	Tune-up limit (dBm)				
Frequency (MHz)				1712.5	1745	1777.5	MPR (dB)				
5	QPSK	1	0	23.09	23.09	23.09	24	0			
5	QPSK	1	12	23.01	23.09	23.02					
5	QPSK	1	24	23.06	23.25	23.05					
5	QPSK	12	0	21.98	22.17	22.11					
5	QPSK	12	7	21.97	21.93	22.11	23	1			
5	QPSK	12	13	21.96	22.04	22.00					
5	QPSK	25	0	22.09	22.06	22.02					
5	16QAM	1	0	21.94	22.07	22.03					
5	16QAM	1	12	21.94	21.98	22.03	23	1			
5	16QAM	1	24	21.94	21.86	21.89					
5	16QAM	12	0	21.30	21.14	21.05					
5	16QAM	12	7	20.96	21.11	21.05					
5	16QAM	12	13	21.03	21.12	21.21	22	2			
5	16QAM	25	0	21.06	21.30	21.14					
5	64QAM	1	0	21.02	20.98	21.09					
5	64QAM	1	12	20.96	20.98	21.09					
5	64QAM	1	24	20.94	21.22	21.05	22	2			
5	64QAM	12	0	20.26	20.35	20.23					
5	64QAM	12	7	20.20	20.05	20.26					
5	64QAM	12	13	20.09	19.98	20.25					
5	64QAM	25	0	20.00	20.22	19.92	Tune-up limit (dBm)				
Channel				131987	132322	132697	Tune-up limit (dBm)				
Frequency (MHz)				1711.5	1745	1775.5	MPR (dB)				
3	QPSK	1	0	23.02	23.12	23.05	24	0			
3	QPSK	1	8	23.11	23.10	23.05					
3	QPSK	1	14	22.99	23.11	23.05					
3	QPSK	8	0	22.14	22.01	22.15					
3	QPSK	8	4	22.03	22.13	22.04	23	1			
3	QPSK	8	7	21.82	21.90	21.88					
3	QPSK	15	0	21.91	22.10	21.91					
3	16QAM	1	0	21.96	21.90	21.98					
3	16QAM	1	8	21.93	22.04	21.92	23	1			
3	16QAM	1	14	22.13	21.96	22.05					
3	16QAM	8	0	21.32	21.26	21.06					
3	16QAM	8	4	21.00	21.03	21.14					
3	16QAM	8	7	21.15	21.04	21.26	22	2			
3	16QAM	15	0	21.12	21.25	20.98					
3	64QAM	1	0	21.05	21.12	21.06					
3	64QAM	1	8	20.92	20.87	20.97					
3	64QAM	1	14	20.97	21.08	21.21	22	2			
3	64QAM	8	0	20.31	20.16	19.96					
3	64QAM	8	4	20.03	20.06	20.19					
3	64QAM	8	7	20.02	20.00	20.15					
3	64QAM	15	0	20.17	20.22	19.87	Tune-up limit (dBm)				
Channel				131979	132322	132695	Tune-up limit (dBm)				
Frequency (MHz)				1710.7	1745	1775.3	MPR (dB)				
1.4	QPSK	1	0	23.11	23.28	23.11	24	0			
1.4	QPSK	1	3	23.15	23.10	23.15					
1.4	QPSK	1	5	23.07	23.25	23.03					
1.4	QPSK	3	0	23.02	23.10	23.06					
1.4	QPSK	3	1	23.01	23.03	23.00	23	1			
1.4	QPSK	3	3	22.97	23.27	22.95					
1.4	QPSK	6	0	22.12	22.02	21.96					
1.4	16QAM	1	0	21.85	21.92	21.84					
1.4	16QAM	1	3	21.89	22.18	22.03	23	1			
1.4	16QAM	1	5	22.00	21.84	21.94					
1.4	16QAM	3	0	22.14	22.06	22.05					
1.4	16QAM	3	1	21.79	22.05	21.86	23	1			
1.4	16QAM	3	3	22.06	21.90	22.03					
1.4	16QAM	6	0	20.99	21.24	21.12					
1.4	64QAM	1	0	21.07	21.10	21.05	22	2			
1.4	64QAM	1	3	20.99	20.88	21.04					
1.4	64QAM	1	5	21.00	21.13	21.10	22	2			
1.4	64QAM	3	0	21.07	21.14	21.01					
1.4	64QAM	3	1	20.91	20.75	20.95					
1.4	64QAM	3	3	21.10	21.08	21.21					
1.4	64QAM	6	0	20.11	20.24	19.95	21	3			

Band 41

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low-Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High-Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	24	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.87	22.91	22.80	22.81	23	1
20	QPSK	1	49	22.77	22.67	22.84	22.74	22.76		
20	QPSK	1	99	22.93	22.85	22.79	22.72	22.67	23	1
20	QPSK	50	0	22.03	22.07	22.15	22.09	22.02		
20	QPSK	50	24	21.86	21.98	22.14	21.96	21.96	22	2
20	QPSK	50	50	21.97	21.97	22.09	21.93	21.85		
20	QPSK	100	0	21.94	21.86	22.12	22.00	21.89	21	3
20	16QAM	1	0	21.93	21.84	22.04	22.05	21.92		
20	16QAM	1	49	21.87	22.11	22.09	21.83		22	2
20	16QAM	1	99	21.97	21.94	22.15	21.94	21.92		
20	16QAM	50	0	21.07	20.99	21.19	21.16	20.99	21	3
20	16QAM	50	24	21.07	21.20	21.04	21.12	21.09		
20	16QAM	50	50	21.14	21.14	21.18	21.13	21.18	22	2
20	16QAM	100	0	21.15	21.21	21.20	21.01	21.11		
20	64QAM	1	0	20.96	20.77	21.02	21.11	20.90	21	3
20	64QAM	1	49	20.92	21.08	20.87	21.05	20.97		
20	64QAM	1	99	21.06	21.03	21.07	21.04	20.98	22	2
20	64QAM	50	0	20.02	19.97	20.12	20.23	19.92		
20	64QAM	50	24	20.11	20.20	19.97	20.00	20.08	21	3
20	64QAM	50	50	20.09	20.26	20.24	20.23	20.23		
20	64QAM	100	0	20.24	20.11	20.12	19.91	20.04	24	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	23	1
15	QPSK	1	0	22.75	22.78	22.80	22.66	22.81		
15	QPSK	1	37	22.71	22.50	22.76	22.53	22.69	23	1
15	QPSK	1	74	22.67	22.45	22.60	22.70	22.63		
15	QPSK	36	0	21.85	21.93	22.11	21.89	21.83	22	2
15	QPSK	36	20	21.70	22.00	21.97	21.75	21.95		
15	QPSK	36	39	21.91	21.80	22.07	21.91	21.77	23	1
15	QPSK	75	0	21.96	21.70	22.07	21.84	21.75		
15	16QAM	1	0	21.73	21.80	22.02	22.03	21.89	23	1
15	16QAM	1	37	22.04	21.65	21.93	21.98	21.77		
15	16QAM	1	74	21.79	21.88	22.04	21.92	21.73	22	2
15	16QAM	36	0	20.94	20.84	21.12	21.10	20.87		
15	16QAM	36	20	20.86	21.08	20.91	21.06	20.98	21	3
15	16QAM	36	39	20.97	21.12	21.18	21.05	20.99		
15	16QAM	75	0	21.14	21.15	21.10	21.02	21.04	22	2
15	64QAM	1	0	20.96	20.66	20.96	21.02	20.87		
15	64QAM	1	37	20.71	21.10	20.73	20.98	20.88	21	3
15	64QAM	1	74	20.93	21.02	20.96	20.99	20.78		
15	64QAM	36	0	19.86	19.92	19.96	20.11	19.74	24	0
15	64QAM	36	20	20.07	20.01	19.75	19.79	19.97		
15	64QAM	36	39	19.88	20.09	20.24	20.20	20.12	23	1
15	64QAM	75	0	20.18	19.95	20.03	19.86	19.97		
Channel				39700	40160	40620	41080	41540	24	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.84	22.81	22.80	22.84	22.61	23	1
10	QPSK	1	25	22.65	22.50	22.70	22.69	22.58		
10	QPSK	1	49	22.80	22.46	22.75	22.61	22.54	23	1
10	QPSK	25	0	21.85	21.92	22.01	21.98	22.03		
10	QPSK	25	12	21.83	21.80	21.98	21.85	21.93	22	2
10	QPSK	25	25	21.78	21.80	22.08	21.75	21.68		
10	QPSK	50	0	21.84	21.74	21.96	21.82	21.69	21	3
10	16QAM	1	0	21.74	21.92	21.97	22.02	21.86		
10	16QAM	1	25	22.01	21.72	22.09	22.09	21.79	23	1
10	16QAM	1	49	21.96	21.87	22.08	21.89	21.71		
10	16QAM	25	0	20.91	20.99	21.15	21.15	20.79	22	2
10	16QAM	25	12	20.88	21.16	21.02	20.90	20.95		
10	16QAM	25	25	21.03	21.10	21.12	21.05	21.06	21	3
10	16QAM	50	0	21.04	21.08	21.16	21.01	21.10		
10	64QAM	1	0	20.75	20.71	20.89	20.96	20.79	24	0
10	64QAM	1	25	20.85	20.98	20.77	21.04	20.91		
10	64QAM	1	49	21.04	20.86	20.86	21.02	20.88	23	1
10	64QAM	25	0	19.85	19.92	19.95	20.19	19.88		
10	64QAM	25	12	20.12	20.19	19.81	19.82	20.01	22	2
10	64QAM	25	25	19.94	20.09	20.13	20.10	20.22		
10	64QAM	50	0	20.17	20.03	19.95	19.72	19.91	21	3
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	24	0
5	QPSK	1	0	22.82	22.84	22.82	22.67	22.74		
5	QPSK	1	12	22.56	22.54	22.83	22.60	22.72	23	1
5	QPSK	1	24	22.62	22.65	22.81	22.62	22.60		
5	QPSK	12	0	22.03	21.93	22.07	21.96	21.84	22	2
5	QPSK	12	7	21.77	21.85	21.99	21.76	21.94		
5	QPSK	12	13	21.85	21.93	22.04	21.81	21.78	21	3
5	QPSK	25	0	21.83	21.67	22.03	21.81	21.74		
5	16QAM	1	0	21.86	21.78	21.98	22.01	21.87	23	1
5	16QAM	1	12	21.83	21.80	22.03	21.96	21.72		
5	16QAM	1	24	21.88	21.74	22.00	21.76	21.83	22	2
5	16QAM	12	0	21.05	21.01	21.12	21.13	20.81		
5	16QAM	12	7	20.99	21.01	21.03	20.94	21.01	21	3
5	16QAM	12	13	21.03	21.07	20.99	20.94	21.18		
5	16QAM	25	0	21.15	21.13	21.11	20.88	20.98	24	0
5	64QAM	1	0	20.94	20.60	21.02	21.13	20.75		
5	64QAM	1	12	20.93	20.87	20.75	20.98	20.90	23	1
5	64QAM	1	24	20.97	21.01	20.97	20.88	20.97		
5	64QAM	12	0	20.03	19.96	20.03	20.09	19.86	22	2
5	64QAM	12	7	20.01	20.06	19.84	19.88	19.86		
5	64QAM	12	13	19.90	20.10	20.06	20.12	20.22	21	3
5	64QAM	25	0	20.22	20.09	20.05	19.72	19.86		

<2.4GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.73	18.50	99.29
		6	2437	16.55	18.50	
		11	2462	16.70	18.50	
	802.11g 6Mbps	1	2412	16.56	18.50	98.25
		6	2437	16.58	18.50	
		11	2462	16.61	18.50	
	802.11n-HT20 MCS0	1	2412	16.54	18.50	98.11
		6	2437	16.56	18.50	
		11	2462	16.58	18.50	
	802.11n-HT40 MCS0	3	2422	15.84	15.50	94.82
		6	2437	15.84	17.50	
		9	2452	15.41	17.00	

<5.2GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	35	5180	16.73	19.00	98.25
		40	5200	16.79	18.00	
		44	5220	16.71	18.00	
	802.11n-HT20 MCS0	48	5240	16.41	18.00	98.87
		35	5180	16.71	18.00	
		40	5200	16.66	18.00	
	802.11n-HT40 MCS0	44	5220	16.59	18.00	96.24
		48	5240	16.42	18.00	
		38	5190	15.88	17.50	
	802.11ac-VHT20 MCS0	46	5230	16.53	18.00	98.13
		36	5180	15.69	17.50	
		40	5200	15.73	17.50	
	802.11ac-VHT40 MCS0	44	5220	15.82	17.50	96.27
		48	5240	15.45	17.00	
		38	5190	15.84	17.50	
	802.11ac-VHT80 MCS0	48	5230	15.75	17.50	92.06
		42	5210	13.63	15.50	

<5.3GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.43	18.00	98.25
		56	5280	16.35	18.00	
		60	5300	16.20	18.00	
	802.11n-HT20 MCS0	64	5320	16.31	18.00	98.87
		52	5260	16.24	18.00	
		56	5280	16.26	18.00	
	802.11n-HT40 MCS0	60	5300	16.19	18.00	96.24
		64	5320	16.28	18.00	
		54	5270	15.96	18.00	
	802.11ac-VHT20 MCS0	62	5310	16.05	18.00	98.13
		52	5260	15.35	17.00	
		56	5280	15.40	17.00	
	802.11ac-VHT40 MCS0	60	5300	15.30	17.00	96.27
		64	5320	15.62	17.00	
		54	5270	15.56	17.00	
	802.11ac-VHT80 MCS0	62	5310	15.38	17.00	92.06
		56	5290	12.05	13.50	

<5.5GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.42	18.00	98.25
		116	5580	16.01	18.00	
		124	5620	16.02	18.00	
		132	5660	16.00	17.50	
		140	5700	16.61	18.00	
		144	5720	16.51	18.00	
	802.11n-HT20 MCS0	100	5500	16.28	18.00	98.87
		116	5580	15.89	17.50	
		124	5620	15.81	17.50	
		132	5660	15.97	17.50	
		140	5700	16.48	18.00	
		144	5720	16.38	18.00	
	802.11n-HT40 MCS0	102	5510	16.29	18.00	96.24
		110	5560	16.03	18.00	
		126	5630	15.61	17.50	
		134	5670	15.79	17.50	
		142	5710	15.44	18.00	
		100	5500	15.40	17.00	
	802.11ac-VHT20 MCS0	116	5580	14.89	16.50	98.13
		124	5620	14.80	16.50	
		132	5660	14.90	16.50	
		140	5700	15.63	17.00	
		144	5720	15.65	17.00	
		102	5510	15.23	16.50	
	802.11ac-VHT40 MCS0	110	5560	15.00	16.50	96.27
		126	5630	14.93	16.50	
		134	5670	14.95	16.50	
		142	5710	15.39	16.50	
		106	5530	14.30	16.00	
		122	5610	13.48	15.00	
	802.11ac-VHT80 MCS0	138	5680	14.08	16.00	92.06

<5.8GHz WLAN>

	Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.79	19.00	98.25
		157	5785	16.82	18.00	
		165	5825	16.21	18.00	
	802.11n-HT20 MCS0	149	5745	16.58	18.00	98.87
		157	5785	16.71	18.00	
		165	5825	16.07	18.00	
	802.11n-HT40 MCS0	151	5755	16.46	18.00	96.24
		159	5795	16.29	18.00	
		149	5745	15.70	17.50	
	802.11ac-VHT20 MCS0	157	5785	15.83	17.50	98.13
		165	5825	15.21	17.00	
		151	5755	16.60	17.50	
	802.11ac-VHT40 MCS0	159	5795	15.38	17.00	96.27
		155	5775	14.40	16.00	

<Bluetooth>					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.05	8.20	8.00
	CH 39	2441	10.24	8.35	8.29
	CH 78	2480	9.58	7.70	7.53
	Tune-up Limit		11.50	9.50	9.50
<BT LE					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	6.93		
	CH 19	2440	7.14		
	CH 39	2480	6.90		
	Tune-up Limit		8.50		