

Full Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)		854.2	859.4	864.6	854.2	859.4	864.6	
GSM 1 Tx slot		33.08	33.12	33.01	33.50	24.08	24.12	24.01
GPRS 1 Tx slot		32.96	33.01	32.88	33.50	23.96	24.01	23.88
GPRS 2 Tx slots		31.44	31.77	31.70	32.50	25.44	25.77	25.70
GPRS 3 Tx slots		29.93	29.97	29.89	31.00	25.07	25.71	25.63
GPRS 4 Tx slots		28.53	28.65	28.50	30.00	25.53	25.66	25.50
EDGE 1 Tx slot		27.05	27.12	26.99	27.50	18.05	18.12	17.99
EDGE 2 Tx slots		25.94	25.86	25.96	26.00	19.94	19.88	19.96
EDGE 3 Tx slots		23.52	23.64	23.50	24.00	19.26	19.38	19.24
EDGE 4 Tx slots		22.22	22.31	22.24	23.00	19.22	19.31	19.24

GSM1800	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	861	810	512	861	810	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8	
GSM 1 Tx slot		26.70	29.91	29.85	31.00	20.70	20.91	20.85
GPRS 1 Tx slot		29.80	29.94	29.75	31.00	20.80	20.94	20.75
GPRS 2 Tx slots		28.84	28.96	28.73	30.00	22.84	22.96	22.73
GPRS 3 Tx slots		27.12	27.19	27.05	28.00	22.86	22.93	22.79
GPRS 4 Tx slots		26.05	26.11	25.90	27.00	23.05	23.11	22.90
EDGE 1 Tx slot		25.17	25.35	25.34	26.00	16.17	16.39	16.34
EDGE 2 Tx slots		24.16	24.21	24.11	25.00	18.16	18.21	18.11
EDGE 3 Tx slots		22.18	22.24	22.21	23.00	17.92	17.98	17.95
EDGE 4 Tx slots		20.92	21.06	21.01	22.00	17.92	18.06	18.01

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	TX Channel	9262	9400	9538	4132	4182	4233	
Rx Channel		9462	9600	9638	4382	4407	4455	
Frequency (MHz)		1852.4	1860	1907.6	826.4	834.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.69	22.80	22.71	24.00	22.93	23.09	23.03
3GPP Rel 99	RMC 12.2Kbps	22.77	22.82	22.74	24.00	23.03	23.14	23.05
3GPP Rel 6	HSDPA Subtest-1	21.86	21.94	21.67	23.00	22.16	22.29	21.99
3GPP Rel 6	HSDPA Subtest-2	21.85	21.78	21.79	23.00	22.11	22.08	22.10
3GPP Rel 6	HSDPA Subtest-3	21.27	21.14	21.21	22.50	21.61	21.37	21.55
3GPP Rel 6	HSDPA Subtest-4	21.38	21.20	21.31	22.50	21.68	21.43	21.53
3GPP Rel 6	DC-HSDPA Subtest-1	21.57	21.73	21.60	23.00	21.89	21.98	21.82
3GPP Rel 6	DC-HSDPA Subtest-2	21.70	21.82	21.56	23.00	22.05	22.18	21.81
3GPP Rel 6	DC-HSDPA Subtest-3	21.37	21.22	21.16	22.50	21.64	21.60	21.43
3GPP Rel 6	DC-HSDPA Subtest-4	21.12	21.18	21.07	22.50	21.40	21.42	21.30
3GPP Rel 6	HSUPA Subtest-1	21.69	21.79	21.70	23.00	21.95	22.13	21.94
3GPP Rel 6	HSUPA Subtest-2	19.72	19.65	19.75	21.00	20.09	19.97	19.99
3GPP Rel 6	HSUPA Subtest-3	20.84	20.66	20.62	22.00	21.11	21.03	20.86
3GPP Rel 6	HSUPA Subtest-4	19.60	19.82	19.63	21.00	19.84	20.15	19.86
3GPP Rel 6	HSUPA Subtest-5	21.80	21.85	21.81	23.00	22.06	22.14	22.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.76	18.76	18.84	20.50	19.06	19.13	19.20



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	22.84	22.99	22.94	24	0			
20	QPSK	1	49	22.79	22.93	22.91					
20	QPSK	1	99	22.87	22.89	22.82					
20	QPSK	50	0	21.85	21.92	21.79	23	1			
20	QPSK	50	24	21.84	21.90	21.79					
20	QPSK	50	50	21.76	21.87	21.83					
20	QPSK	100	0	21.73	21.81	21.73	23	1			
20	16QAM	1	0	21.59	21.77	21.75					
20	16QAM	1	49	21.66	21.75	21.72					
20	16QAM	1	99	21.62	21.70	21.58	22	2			
20	16QAM	50	0	20.72	20.89	20.81					
20	16QAM	50	24	20.68	20.81	20.75					
20	16QAM	50	50	20.81	20.85	20.79	22	2			
20	16QAM	100	0	20.71	20.78	20.61					
20	64QAM	1	0	20.72	20.82	20.67					
20	64QAM	1	49	20.67	20.80	20.76	22	2			
20	64QAM	1	99	20.71	20.75	20.50					
20	64QAM	50	0	19.85	19.98	19.96					
20	64QAM	50	24	19.84	19.93	19.83	21	3			
20	64QAM	50	50	19.77	19.81	19.72					
20	64QAM	100	0	19.76	19.89	19.78					
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.75	22.95	22.84	24	0			
15	QPSK	1	37	22.67	22.78	22.85					
15	QPSK	1	74	22.73	22.78	22.80					
15	QPSK	36	0	21.81	21.75	21.73	23	1			
15	QPSK	36	20	21.79	21.76	21.76					
15	QPSK	36	39	21.60	21.81	21.69					
15	QPSK	75	0	21.60	21.64	21.65	23	1			
15	16QAM	1	0	21.52	21.62	21.71					
15	16QAM	1	37	21.52	21.72	21.59					
15	16QAM	1	74	21.59	21.65	21.42	22	2			
15	16QAM	36	0	20.56	20.75	20.71					
15	16QAM	36	20	20.51	20.63	20.71					
15	16QAM	36	39	20.68	20.67	20.64	21	3			
15	16QAM	75	0	20.66	20.72	20.49					
15	64QAM	1	0	20.57	20.74	20.52					
15	64QAM	1	37	20.65	20.74	20.62	22	2			
15	64QAM	1	74	20.67	20.66	20.46					
15	64QAM	36	0	19.76	19.80	19.92					
15	64QAM	36	20	19.70	19.90	19.66	21	3			
15	64QAM	36	39	19.65	19.68	19.62					
15	64QAM	75	0	19.66	19.65	19.67					
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.67	22.88	22.81	24	0			
10	QPSK	1	25	22.66	22.84	22.80					
10	QPSK	1	49	22.75	22.78	22.70					
10	QPSK	25	0	21.71	21.82	21.62	23	1			
10	QPSK	25	12	21.67	21.82	21.64					
10	QPSK	25	25	21.70	21.78	21.75					
10	QPSK	50	0	21.65	21.71	21.69	23	1			
10	16QAM	1	0	21.43	21.61	21.60					
10	16QAM	1	25	21.59	21.62	21.69					
10	16QAM	1	49	21.53	21.65	21.41	22	2			
10	16QAM	25	0	20.64	20.63	20.63					
10	16QAM	25	12	20.56	20.71	20.65					
10	16QAM	25	25	20.74	20.68	20.73	22	2			
10	16QAM	50	0	20.55	20.74	20.45					
10	64QAM	1	0	20.69	20.76	20.56					
10	64QAM	1	25	20.54	20.75	20.59	22	2			
10	64QAM	1	49	20.68	20.59	20.57					
10	64QAM	25	0	19.68	19.86	19.63					
10	64QAM	25	12	19.73	19.84	19.76	21	3			
10	64QAM	25	25	19.63	19.74	19.64					
10	64QAM	50	0	19.72	19.82	19.61					
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.73	22.91	22.79	24	0			
5	QPSK	1	12	22.72	22.80	22.79					
5	QPSK	1	24	22.79	22.72	22.78					
5	QPSK	12	0	21.78	21.78	21.76	23	1			
5	QPSK	12	7	21.70	21.79	21.67					
5	QPSK	12	13	21.59	21.81	21.74					
5	QPSK	25	0	21.57	21.75	21.57	23	1			
5	16QAM	1	0	21.45	21.61	21.59					
5	16QAM	1	12	21.61	21.61	21.59					
5	16QAM	1	24	21.57	21.58	21.48	22	2			
5	16QAM	12	0	20.70	20.74	20.70					
5	16QAM	12	7	20.55	20.65	20.73					
5	16QAM	12	13	20.73	20.76	20.66	22	2			
5	16QAM	25	0	20.67	20.76	20.55					
5	64QAM	1	0	20.62	20.72	20.59					
5	64QAM	1	12	20.51	20.76	20.60	22	2			
5	64QAM	1	24	20.66	20.65	20.43					
5	64QAM	12	0	19.80	19.93	19.81					
5	64QAM	12	7	19.68	19.79	19.72	21	3			
5	64QAM	12	13	19.67	19.67	19.59					
5	64QAM	25	0	19.67	19.83	19.72					
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.81	22.81	22.81	24	0			
3	QPSK	1	8	22.72	22.76	22.85					
3	QPSK	1	14	22.79	22.80	22.74					
3	QPSK	8	0	21.73	21.79	21.68	23	1			
3	QPSK	8	4	21.78	21.77	21.72					
3	QPSK	8	7	21.58	21.84	21.80					
3	QPSK	15	0	21.62	21.67	21.68	23	1			
3	16QAM	1	0	21.43	21.72	21.63					
3	16QAM	1	8	21.51	21.58	21.69					
3	16QAM	1	14	21.56	21.66	21.52	22	2			
3	16QAM	8	0	20.68	20.77	20.69					
3	16QAM	8	4	20.64	20.68	20.59					
3	16QAM	8	7	20.64	20.71	20.62	22	2			
3	16QAM	15	0	20.67	20.75	20.58					
3	64QAM	1	0	20.57	20.75	20.50					
3	64QAM	1	8	20.52	20.72	20.73	22	2			
3	64QAM	1	14	20.60	20.69	20.50					
3	64QAM	8	0	19.83	19.93	19.83					
3	64QAM	8	4	19.74	19.88	19.74	21	3			
3	64QAM	8	7	19.71	19.63	19.69					
3	64QAM	15	0	19.59	19.87	19.73					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.71	22.82	22.88	24	0			
1.4	QPSK	1	3	22.57	22.82	22.89					
1.4	QPSK	1	5	22.78	22.71	22.74					
1.4	QPSK	3	0	22.67	22.83	22.84	23	1			
1.4	QPSK	3	3	22.70	22.90	22.83					
1.4	QPSK	3	7	22.76	22.72	22.73					
1.4	QPSK	6	0	21.67	21.76	21.69	23	1			
1.4	16QAM	1	0	21.76	21.84	21.71					
1.4	16QAM	1	3	21.63	21.72	21.66					
1.4	16QAM	1	5	21.57	21.76	21.56	23	1			
1.4	16QAM	3	0	21.56	21.61	21.72					
1.4	16QAM	3	1	21.47	21.62	21.69					
1.4	16QAM	6	0	21.47	21.54	21.60	22	2			
1.4	16QAM	6	0	20.55	20.76	20.64					
1.4	64QAM	1	0	20.57	20.65	20.72					
1.4	64QAM	1	3	20.73	20.82	20.68	22	2			
1.4	64QAM	1	5	20.66	20.75	20.53					
1.4	64QAM	3	0	20.67	20.76	20.60					
1.4	64QAM	3	1	20.54	20.64	20.69	22	2			
1.4	64QAM	3	3	20.81	20.72	20.57					
1.4	64QAM	6	0	19.70	19.85	19.84					

Band 7													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High		Tune-up limit (dBm)	MPR (dB)		
				Ch / Freq.	20850	Ch / Freq.	21100	Ch / Freq.	21350				
Channel				20765		20965		21165		Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				20765		20965		21165					
20	QPSK	1	0	23.54	23.58	23.47				24	0		
20	QPSK	1	49	23.43	23.40	23.42							
20	QPSK	1	99	23.45	23.39	23.39							
20	QPSK	50	0	22.25	22.49	22.42							
20	QPSK	50	24	22.26	22.44	22.40				23	1		
20	QPSK	50	50	22.25	22.32	22.20							
20	QPSK	100	0	22.23	22.25	22.17							
20	16QAM	1	0	21.98	22.13	22.16							
20	16QAM	1	49	21.98	22.20	22.10				23	1		
20	16QAM	1	99	21.93	22.13	22.07							
20	16QAM	50	0	21.22	21.32	21.31							
20	16QAM	50	24	21.16	21.34	21.17							
20	16QAM	50	50	21.22	21.33	21.37				22	2		
20	16QAM	100	0	21.12	21.17	21.00							
20	64QAM	1	0	21.18	21.23	21.25							
20	64QAM	1	49	21.09	21.18	21.35							
20	64QAM	1	99	21.10	21.31	21.02				22	2		
20	64QAM	50	0	20.39	20.53	20.48							
20	64QAM	50	24	20.27	20.48	20.40							
20	64QAM	50	50	20.29	20.19	20.16							
20	64QAM	100	0	20.27	20.41	20.28				21	3		
Channel				20825		21100		21375				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20825		21100		21375					
15	QPSK	1	0	23.41	23.52	23.42						24	0
15	QPSK	1	37	23.26	23.35	23.30							
15	QPSK	1	74	23.31	23.30	23.37							
15	QPSK	36	0	22.14	22.46	22.38							
15	QPSK	36	20	22.26	22.28	22.29				23	1		
15	QPSK	36	39	22.20	22.14	22.02							
15	QPSK	75	0	22.09	22.21	21.99							
15	16QAM	1	0	21.91	22.02	22.04							
15	16QAM	1	37	21.82	22.05	21.92				23	1		
15	16QAM	1	74	21.81	22.02	22.01							
15	16QAM	36	0	21.19	21.27	21.15							
15	16QAM	36	20	21.04	21.27	21.14							
15	16QAM	36	39	21.14	21.15	21.24				22	2		
15	16QAM	75	0	21.06	21.07	20.84							
15	64QAM	1	0	21.11	21.14	21.13							
15	64QAM	1	37	20.93	21.08	21.22							
15	64QAM	1	74	20.95	21.18	20.86				22	2		
15	64QAM	36	0	20.28	20.46	20.32							
15	64QAM	36	20	20.24	20.33	20.38							
15	64QAM	36	39	20.11	20.05	20.05							
15	64QAM	75	0	20.11	20.31	20.23				21	3		
Channel				20900		21100		21400				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20900		21100		21400					
10	QPSK	1	0	23.39	23.40	23.35						24	0
10	QPSK	1	25	23.29	23.35	23.25							
10	QPSK	1	49	23.33	23.32	23.23							
10	QPSK	25	0	22.13	22.42	22.38							
10	QPSK	25	12	22.33	22.30	22.31				23	1		
10	QPSK	25	25	22.11	22.22	22.04							
10	QPSK	50	0	22.10	22.11	22.05							
10	16QAM	1	0	21.84	22.01	22.01							
10	16QAM	1	25	21.95	22.14	21.96				23	1		
10	16QAM	1	49	21.79	22.07	22.04							
10	16QAM	25	0	21.07	21.21	21.16							
10	16QAM	25	12	21.14	21.26	21.08							
10	16QAM	25	25	21.09	21.25	21.28				22	2		
10	16QAM	50	0	20.98	21.13	20.82							
10	64QAM	1	0	21.03	21.18	21.13							
10	64QAM	1	25	20.98	21.04	21.33							
10	64QAM	1	49	20.95	21.25	20.95				22	2		
10	64QAM	25	0	20.35	20.37	20.38							
10	64QAM	25	12	20.24	20.38	20.28							
10	64QAM	25	25	20.21	20.15	20.07							
10	64QAM	50	0	20.24	20.32	20.22				21	3		
Channel				20925		21100		21425				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20925		21100		21425					
5	QPSK	1	0	23.39	23.43	23.29						24	0
5	QPSK	1	12	23.41	23.37	23.32							
5	QPSK	1	24	23.43	23.30	23.27							
5	QPSK	12	0	22.18	22.42	22.28							
5	QPSK	12	7	22.28	22.40	22.30				23	1		
5	QPSK	12	13	22.21	22.14	22.16							
5	QPSK	25	0	22.19	22.11	21.99							
5	16QAM	1	0	21.84	22.05	22.10							
5	16QAM	1	12	21.82	22.11	22.01				23	1		
5	16QAM	1	24	21.81	22.01	21.93							
5	16QAM	12	0	21.06	21.25	21.21							
5	16QAM	12	7	21.01	21.18	21.04							
5	16QAM	12	13	21.18	21.29	21.31				22	2		
5	16QAM	25	0	21.04	20.99	20.89							
5	64QAM	1	0	21.03	21.10	21.23							
5	64QAM	1	12	20.99	21.03	21.29							
5	64QAM	1	24	21.00	21.17	20.85				21	3		
5	64QAM	12	0	20.24	20.49	20.34							
5	64QAM	12	7	20.23	20.44	20.35							
5	64QAM	12	13	20.23	20.09	20.12							
5	64QAM	25	0	20.14	20.29	20.15							

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				26765	26865	26965					
Frequency (MHz)				811.5	831.5	841.5					
15	QPSK	1	0	23.30	23.39	23.32					
15	QPSK	1	37	23.17	23.21	23.14	24	0			
15	QPSK	1	74	23.32	23.23	23.11					
15	QPSK	36	0	21.98	22.32	22.21					
15	QPSK	36	20	22.09	22.36	22.25	23	1			
15	QPSK	36	39	22.11	22.15	22.00					
15	QPSK	75	0	22.03	22.12	22.03					
15	16QAM	1	0	21.83	21.99	21.95					
15	16QAM	1	37	21.80	22.01	21.84	23	1			
15	16QAM	1	74	21.77	21.96	21.88					
15	16QAM	36	0	20.96	21.05	21.13					
15	16QAM	36	20	21.05	21.13	21.05	22	2			
15	16QAM	36	39	20.99	21.12	21.15					
15	16QAM	75	0	20.88	21.03	20.87					
15	64QAM	1	0	21.04	21.02	21.12					
15	64QAM	1	37	20.92	20.98	21.13	22	2			
15	64QAM	1	74	20.96	21.04	20.85					
15	64QAM	36	0	20.15	20.28	20.34					
15	64QAM	36	20	20.13	20.31	20.24	21	3			
15	64QAM	36	39	20.15	20.02	20.03					
15	64QAM	75	0	19.99	20.24	20.12					
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	23.25	23.36	23.16					
10	QPSK	1	25	23.01	23.10	23.04	24	0			
10	QPSK	1	49	23.30	23.10	23.09					
10	QPSK	25	0	21.86	22.22	22.14					
10	QPSK	25	12	22.05	22.20	22.18	23	1			
10	QPSK	25	25	22.02	22.03	21.82					
10	QPSK	50	0	22.03	21.99	21.88					
10	16QAM	1	0	21.89	21.97	21.91					
10	16QAM	1	25	21.69	21.88	21.80	23	1			
10	16QAM	1	49	21.82	21.92	21.71					
10	16QAM	25	0	20.87	20.99	21.05					
10	16QAM	25	12	20.89	21.05	20.89	22	2			
10	16QAM	25	25	20.82	21.00	20.83					
10	16QAM	50	0	20.70	20.94	20.70					
10	16QAM	1	25	20.97	20.96	21.02					
10	64QAM	1	25	20.86	20.92	20.98	22	2			
10	64QAM	1	49	20.79	21.01	20.74					
10	64QAM	25	0	20.01	20.13	20.25					
10	64QAM	25	12	19.99	20.26	20.17	21	3			
10	64QAM	25	25	19.97	19.85	19.89					
10	64QAM	50	0	19.87	20.13	20.10					
Channel				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	23.23	23.26	23.22					
5	QPSK	1	12	23.03	23.12	22.98	24	0			
5	QPSK	1	24	23.28	23.17	22.94					
5	QPSK	12	0	21.92	22.19	22.18					
5	QPSK	12	7	21.95	22.23	22.08	23	1			
5	QPSK	12	13	22.02	22.10	21.93					
5	QPSK	25	0	21.93	21.96	21.95					
5	16QAM	1	0	21.70	21.90	21.89					
5	16QAM	1	12	21.63	21.95	21.66	23	1			
5	16QAM	1	24	21.60	21.78	21.85					
5	16QAM	12	0	20.87	21.01	21.01					
5	16QAM	12	7	20.94	21.07	20.94	22	2			
5	16QAM	12	13	20.85	21.00	21.04					
5	16QAM	25	0	20.82	20.95	20.75					
5	64QAM	1	0	20.92	20.93	20.96					
5	64QAM	1	12	20.76	20.94	21.03	22	2			
5	64QAM	1	24	20.82	20.86	20.69					
5	64QAM	12	0	20.98	20.96	20.26					
5	64QAM	12	7	20.11	20.20	20.15	21	3			
5	64QAM	12	13	20.09	19.86	20.01					
5	64QAM	25	0	19.94	20.19	20.09					
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				815.5	831.5	847.5					
3	QPSK	1	0	23.24	23.22	23.25					
3	QPSK	1	8	23.07	23.06	23.06	24	0			
3	QPSK	1	16	23.19	23.17	23.17					
3	QPSK	8	0	21.82	22.30	22.15					
3	QPSK	8	4	21.92	22.18	22.20	23	1			
3	QPSK	8	7	22.01	22.04	21.88					
3	QPSK	16	0	21.92	21.97	22.01					
3	16QAM	1	0	21.77	21.91	21.80	23	1			
3	16QAM	1	8	21.72	21.83	21.78					
3	16QAM	1	14	21.60	21.84	21.72					
3	16QAM	8	0	20.86	20.92	20.96					
3	16QAM	8	4	20.96	21.10	20.88	22	2			
3	16QAM	8	7	20.95	21.03	21.02					
3	16QAM	15	0	20.83	20.92	20.69					
3	64QAM	1	1	20.90	21.06	21.05	22	2			
3	64QAM	1	8	20.80	20.85	21.05					
3	64QAM	1	14	20.82	21.00	20.71					
3	64QAM	8	0	20.07	20.21	20.27					
3	64QAM	8	4	20.00	20.18	20.20	21	3			
3	64QAM	8	7	20.06	19.99	19.90					
3	64QAM	15	0	19.82	20.16	20.03					
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				814.7	831.5	846.3					
1.4	QPSK	1	0	23.13	23.25	23.15					
1.4	QPSK	1	3	23.15	23.08	23.02	24	0			
1.4	QPSK	1	5	23.27	23.12	23.02					
1.4	QPSK	3	0	23.22	23.22	23.21					
1.4	QPSK	3	1	23.05	23.16	22.98					
1.4	QPSK	3	3	23.23	23.11	22.94	23	1			
1.4	QPSK	6	0	21.80	22.20	22.13					
1.4	16QAM	1	0	21.99	22.13	22.23					
1.4	16QAM	1	3	21.99	21.98	21.92	23	1			
1.4	16QAM	1	5	22.06	22.07	21.91					
1.4	16QAM	3	0	21.68	21.84	21.82					
1.4	16QAM	3	1	21.70	21.90	21.77					
1.4	16QAM	3	3	21.74	21.87	21.86					
1.4	16QAM	6	0	20.83	21.00	20.96	22	2			
1.4	64QAM	1	0	20.93	21.10	21.00					
1.4	64QAM	1	3	20.91	21.02	21.04					
1.4	64QAM	1	5	20.83	20.99	20.74	22	2			
1.4	64QAM	3	0	20.87	20.96	21.00					
1.4	64QAM	3	1	20.89	20.91	20.99					
1.4	64QAM	3	3	20.81	20.95	20.75					
1.4	64QAM	6	0	20.05	20.16	20.20	21	3			

Band 38									
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				37650	38000	38150	24	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.44	23.46	23.42	23	1	
20	QPSK	1	49	23.21	23.26	23.25			
20	QPSK	1	99	23.45	23.35	23.29			
20	QPSK	50	0	22.42	22.45	22.37			
20	QPSK	50	24	22.31	22.38	22.42	23	1	
20	QPSK	50	50	22.36	22.43	22.37			
20	QPSK	100	0	22.16	22.18	22.17			
20	16QAM	1	0	21.86	22.03	22.11			
20	16QAM	1	49	21.94	22.13	21.87	23	1	
20	16QAM	1	99	21.82	22.05	22.04			
20	16QAM	50	0	21.05	21.10	21.20			
20	16QAM	50	24	21.22	21.29	21.10			
20	16QAM	50	50	21.02	21.22	21.18	22	2	
20	16QAM	100	0	21.03	21.16	21.03			
20	64QAM	1	0	21.12	21.07	21.26			
20	64QAM	1	49	21.03	21.03	21.15			
20	64QAM	1	99	21.06	21.10	20.94	22	2	
20	64QAM	50	0	20.28	20.34	20.39			
20	64QAM	50	24	20.30	20.40	20.39			
20	64QAM	50	50	20.24	20.13	20.19			
20	64QAM	100	0	20.09	20.32	20.22	21	3	
Channel				37625	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dbm)	MPR (dB)	
15	QPSK	1	0	23.35	23.41	23.26	24	0	
15	QPSK	1	37	23.04	23.17	23.17			
15	QPSK	1	74	23.37	23.19	23.16			
15	QPSK	36	0	22.38	22.41	22.25			
15	QPSK	36	20	22.18	22.27	22.33	23	1	
15	QPSK	36	39	22.28	22.40	22.25			
15	QPSK	75	0	22.03	22.07	22.13			
15	16QAM	1	0	21.76	21.97	22.05			
15	16QAM	1	37	21.84	22.02	21.70	23	1	
15	16QAM	1	74	21.79	22.02	21.94			
15	16QAM	36	0	21.01	21.06	21.04			
15	16QAM	36	20	21.12	21.17	21.07			
15	16QAM	36	39	20.84	21.07	21.03	22	2	
15	16QAM	75	0	20.88	21.10	21.00			
15	64QAM	1	0	20.95	20.99	21.09			
15	64QAM	1	37	20.92	20.99	21.02			
15	64QAM	1	74	20.93	20.94	20.80	22	2	
15	64QAM	36	0	20.24	20.23	20.29			
15	64QAM	36	20	20.23	20.25	20.33			
15	64QAM	36	39	20.14	19.99	20.11			
15	64QAM	75	0	19.98	20.18	20.11	21	3	
Channel				37600	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dbm)	MPR (dB)	
10	QPSK	1	0	23.28	23.33	23.33	24	0	
10	QPSK	1	25	23.05	23.14	23.18			
10	QPSK	1	49	23.36	23.18	23.11			
10	QPSK	25	0	22.25	22.38	22.29			
10	QPSK	25	12	22.27	22.28	22.35	23	1	
10	QPSK	25	25	22.26	22.31	22.20			
10	QPSK	50	0	22.13	22.13	22.10			
10	16QAM	1	0	21.74	21.92	22.02			
10	16QAM	1	25	21.81	21.96	21.83	23	1	
10	16QAM	1	49	21.74	21.95	22.02			
10	16QAM	25	0	21.00	20.94	21.05			
10	16QAM	25	12	21.04	21.26	21.05			
10	16QAM	25	25	20.85	21.04	21.09	22	2	
10	16QAM	50	0	20.88	21.12	20.93			
10	64QAM	1	0	21.05	20.93	21.17			
10	64QAM	1	25	20.91	20.98	21.08			
10	64QAM	1	49	21.01	21.08	20.84	22	2	
10	64QAM	25	0	20.18	20.32	20.34			
10	64QAM	25	12	20.18	20.28	20.32			
10	64QAM	25	25	20.14	20.04	20.13			
10	64QAM	50	0	19.98	20.29	20.14	21	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dbm)	MPR (dB)	
5	QPSK	1	0	23.28	23.38	23.30	24	0	
5	QPSK	1	12	23.15	23.10	23.16			
5	QPSK	1	24	23.34	23.25	23.27			
5	QPSK	12	0	22.38	22.44	22.27			
5	QPSK	12	7	22.23	22.22	22.31	23	1	
5	QPSK	12	13	22.24	22.39	22.25			
5	QPSK	25	0	22.06	22.14	22.02			
5	16QAM	1	0	21.72	21.97	21.94			
5	16QAM	1	12	21.86	22.05	21.79	23	1	
5	16QAM	1	24	21.71	21.97	21.98			
5	16QAM	12	0	20.90	20.99	21.16			
5	16QAM	12	7	21.13	21.26	21.03			
5	16QAM	12	13	20.92	21.05	21.13	22	2	
5	16QAM	25	0	20.96	21.06	20.85			
5	64QAM	1	0	21.09	21.01	21.18			
5	64QAM	1	12	21.00	20.90	21.01			
5	64QAM	1	24	20.89	21.06	20.91	22	2	
5	64QAM	12	0	20.15	20.25	20.36			
5	64QAM	12	7	20.16	20.33	20.36			
5	64QAM	12	13	20.14	20.02	20.13			
5	64QAM	25	0	19.91	20.22	20.10	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		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.53	23.50	23.37	24	0
20	QPSK	1	49	23.19	23.18	23.33	23.26	23.31		
20	QPSK	1	99	23.48	23.40	23.42	23.22	23.22		
20	QPSK	50	0	22.43	22.43	22.55	22.29	22.41		
20	QPSK	50	24	22.29	22.27	22.32	22.39	22.47	23	1
20	QPSK	50	50	22.38	22.40	22.37	22.33	22.41		
20	QPSK	100	0	22.13	22.15	22.17	22.13	22.10		
20	16QAM	1	0	21.88	21.93	21.96	22.16	22.06		
20	16QAM	1	49	21.89	21.98	22.10	21.92	21.83	23	1
20	16QAM	1	99	21.84	21.87	22.12	22.07	22.07		
20	16QAM	50	0	20.99	21.12	21.04	21.21	21.27		
20	16QAM	50	24	21.21	21.26	21.26	21.08	21.13		
20	16QAM	50	50	20.99	21.10	21.30	21.16	21.26	22	2
20	16QAM	100	0	21.09	20.97	21.25	21.01	21.04		
20	64QAM	1	0	21.09	21.07	21.10	21.23	21.31		
20	64QAM	1	49	21.09	20.99	21.01	21.14	21.21		
20	64QAM	1	99	21.09	21.05	21.17	20.90	21.01	22	2
20	64QAM	50	0	20.25	20.30	20.34	20.32	20.36		
20	64QAM	50	24	20.26	20.33	20.48	20.42	20.32		
20	64QAM	50	50	20.28	20.31	20.07	20.17	20.14		
20	64QAM	100	0	20.06	20.15	20.40	20.28	20.17	21	3
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.38	23.33	23.41	23.43	23.22	24	0
15	QPSK	1	37	23.12	23.07	23.25	23.14	23.16		
15	QPSK	1	74	23.43	23.32	23.31	23.08	23.19		
15	QPSK	36	0	22.41	22.38	22.51	22.13	22.32		
15	QPSK	36	20	22.17	22.10	22.22	22.32	22.31	23	1
15	QPSK	36	39	22.35	22.32	22.28	22.25	22.35		
15	QPSK	75	0	22.07	22.02	22.14	22.02	21.93		
15	16QAM	1	0	21.82	21.80	21.91	22.05	21.88		
15	16QAM	1	37	21.82	21.95	22.02	21.89	21.78	23	1
15	16QAM	1	74	21.72	21.79	22.04	21.98	21.97		
15	16QAM	36	0	20.92	21.08	20.98	21.17	21.18		
15	16QAM	36	20	21.18	21.21	21.21	21.01	21.01		
15	16QAM	36	39	20.81	21.01	21.20	21.11	21.09	22	2
15	16QAM	75	0	21.01	20.94	21.20	20.86	20.96		
15	64QAM	1	0	21.01	20.94	20.98	21.11	21.27		
15	64QAM	1	37	20.91	20.98	20.94	21.10	21.03		
15	64QAM	1	74	21.04	21.01	21.12	21.09	20.98	22	2
15	64QAM	36	0	20.13	20.22	20.86	20.29	20.16		
15	64QAM	36	20	20.14	20.29	20.42	20.29	20.23		
15	64QAM	36	39	20.23	20.22	20.01	20.14	20.04		
15	64QAM	75	0	19.95	19.99	20.27	20.19	20.14	21	3
Channel				39750	40185	40620	41068	41490		
Frequency (MHz)				2503	2547	2592	2636	2680		
10	QPSK	1	0	23.24	23.37	23.38	23.36	23.21	24	0
10	QPSK	1	25	23.17	23.08	23.21	23.14	23.19		
10	QPSK	1	49	23.31	23.27	23.39	23.06	23.06		
10	QPSK	25	0	22.37	22.31	22.52	22.23	22.28		
10	QPSK	25	12	22.13	22.16	22.25	22.32	22.38	23	1
10	QPSK	25	25	22.26	22.32	22.19	22.18	22.32		
10	QPSK	50	0	21.98	21.98	22.08	22.05	21.92		
10	16QAM	1	0	21.72	21.79	21.82	22.10	21.99		
10	16QAM	1	25	21.72	21.83	21.99	21.73	21.80	23	1
10	16QAM	1	49	21.70	21.73	22.07	22.01	21.95		
10	16QAM	25	0	20.94	21.07	20.86	21.14	21.23		
10	16QAM	25	12	21.12	21.19	21.11	20.94	20.97		
10	16QAM	25	25	20.85	21.08	21.16	21.02	21.08	22	2
10	16QAM	50	0	21.04	20.91	21.08	20.86	20.87		
10	64QAM	1	0	21.00	20.94	20.93	21.07	21.26		
10	64QAM	1	25	20.98	20.93	20.90	21.03	21.14		
10	64QAM	1	49	20.97	20.95	21.12	20.87	20.91	22	2
10	64QAM	25	0	20.09	20.23	20.24	20.15	20.31		
10	64QAM	25	12	20.13	20.19	20.32	20.27	20.28		
10	64QAM	25	25	20.23	20.23	19.89	20.08	20.01		
10	64QAM	50	0	19.90	20.10	20.27	20.20	20.01	21	3
Channel				39675	40148	40620	41093	41595		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.23	23.38	23.47	23.46	23.29	24	0
5	QPSK	1	12	23.37	23.20	23.17	23.20	23.25		
5	QPSK	1	24	23.32	23.28	23.35	23.25	23.33		
5	QPSK	12	0	22.30	22.33	22.45	22.11	22.32		
5	QPSK	12	7	22.26	22.12	22.25	22.35	22.42	23	1
5	QPSK	12	13	22.23	22.28	22.22	22.21	22.36		
5	QPSK	25	0	22.07	22.06	22.06	22.07	21.95		
5	16QAM	1	0	21.79	21.78	21.91	22.07	21.91		
5	16QAM	1	12	21.79	21.95	22.02	21.87	21.94	23	1
5	16QAM	1	24	21.78	21.83	21.99	21.96	21.94		
5	16QAM	12	0	21.06	21.01	20.92	21.17	21.10		
5	16QAM	12	7	21.18	21.16	21.23	20.95	21.06		
5	16QAM	12	13	20.95	21.01	21.15	20.99	21.22	22	2
5	16QAM	25	0	20.05	20.34	21.15	20.26	20.89		
5	64QAM	1	0	20.92	21.03	21.07	21.07	21.15		
5	64QAM	1	12	20.92	20.91	20.93	21.06	21.10		
5	64QAM	1	24	21.03	20.92	21.05	20.76	20.92	22	2
5	64QAM	12	0	20.13	20.25	20.29	20.25	20.20		
5	64QAM	12	7	20.09	20.27	20.40	20.32	20.20		
5	64QAM	12	13	20.17	20.24	20.05	20.02	20.08		
5	64QAM	25	0	20.01	20.08	20.27	20.16	20.14	21	3

Reduced Power Mode for Receiver on

GSM850	Burst Average Power (dBm)			Turn-up Limit (dBm)	Frame-Average Power (dBm)			Turn-up Limit (dBm)
	TX Channel	512	661		512	661	810	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot		31.17	31.26	31.09	32.00	22.17	22.26	22.09
GPRS 1 Tx slot		31.06	31.22	31.03	32.00	22.06	22.22	22.03
GPRS 2 Tx slots		30.15	30.29	30.02	31.00	24.15	24.29	24.02
GPRS 3 Tx slots		28.14	28.25	27.96	29.00	23.88	23.99	23.70
GPRS 4 Tx slots		26.99	27.13	26.84	28.00	23.99	24.13	23.84
EDGE 1 Tx slot		25.27	25.41	25.25	26.00	16.27	16.41	16.25
EDGE 2 Tx slots		24.17	24.22	24.02	25.00	16.17	16.22	16.02
EDGE 3 Tx slots		21.76	21.89	21.61	22.50	17.50	17.63	17.35
EDGE 4 Tx slots		20.32	20.43	20.16	21.00	17.32	17.43	17.16

GSM1900	Burst Average Power (dBm)			Turn-up Limit (dBm)	Frame-Average Power (dBm)			Turn-up Limit (dBm)
	TX Channel	512	661		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8	
GSM 1 Tx slot		26.95	27.15	27.11	28.00	17.95	18.19	18.11
GPRS 1 Tx slot		25.90	27.14	26.98	28.00	17.90	18.14	17.88
GPRS 2 Tx slots		25.95	26.16	26.11	27.00	19.95	20.16	20.11
GPRS 3 Tx slots		24.00	24.24	24.14	25.00	19.74	19.98	19.88
GPRS 4 Tx slots		23.13	23.35	23.25	24.00	20.13	20.35	20.25
EDGE 1 Tx slot		22.29	22.45	22.34	23.00	13.29	13.45	13.34
EDGE 2 Tx slots		21.20	21.44	21.39	22.00	15.20	15.44	15.39
EDGE 3 Tx slots		19.39	19.51	19.35	20.00	15.13	15.25	15.09
EDGE 4 Tx slots		18.02	18.25	18.16	19.00	15.02	15.25	15.16

Band		WCDMA II			Turn-up Limit (dBm)	WCDMA V			Turn-up Limit (dBm)
TX Channel		9262	9400	9536		4132	4182	4233	
Rx Channel		9462	9600	9736		4382	4432	4483	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.69	19.70	19.62	21.00	22.93	23.09	23.03	24.00
3GPP Rel 99	RM-12.2Kbps	19.73	19.78	19.70	21.00	23.03	23.14	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	18.63	18.95	18.69	20.00	22.16	22.29	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	18.95	18.75	18.68	20.00	22.11	22.08	22.10	23.00
3GPP Rel 6	HSDPA Subtest-3	18.31	18.18	18.27	19.50	21.61	21.37	21.55	22.50
3GPP Rel 6	HSDPA Subtest-4	18.35	18.12	18.35	19.50	21.68	21.43	21.53	22.50
3GPP Rel 6	DCHSDPA Subtest-1	18.59	18.75	18.61	20.00	21.89	21.98	21.82	23.00
3GPP Rel 6	DCHSDPA Subtest-2	18.70	18.89	18.64	20.00	22.05	22.18	21.81	23.00
3GPP Rel 6	DCHSDPA Subtest-3	18.39	18.16	18.16	19.50	21.64	21.60	21.43	22.50
3GPP Rel 6	DCHSDPA Subtest-4	18.16	18.16	18.16	19.50	21.40	21.42	21.30	22.50
3GPP Rel 6	HSUPA Subtest-1	18.67	18.87	18.71	20.00	21.95	22.13	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	16.77	16.59	16.78	18.00	20.09	19.97	19.99	21.00
3GPP Rel 6	HSUPA Subtest-3	17.86	17.65	17.65	19.00	21.11	21.03	20.88	22.00
3GPP Rel 6	HSUPA Subtest-4	16.64	16.93	16.58	19.00	19.84	20.15	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	16.71	16.84	16.74	20.00	22.06	22.14	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.72	15.77	15.85	17.50	19.06	19.13	19.20	20.50

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	20.58	20.72	20.59	22	0						
20	QPSK	1	49	20.45	20.59	20.62								
20	QPSK	1	99	20.43	20.54	20.47								
20	QPSK	50	0	20.61	20.64	20.54	22	0						
20	QPSK	50	24	20.46	20.59	20.58								
20	QPSK	50	50	20.43	20.57	20.47								
20	QPSK	100	0	20.44	20.64	20.52	22	0						
20	16QAM	1	0	20.46	20.45	20.46								
20	16QAM	1	49	20.47	20.58	20.45								
20	16QAM	1	99	20.37	20.53	20.39	22	0						
20	16QAM	50	0	20.58	20.70	20.66								
20	16QAM	50	24	20.52	20.58	20.50								
20	16QAM	50	50	20.52	20.58	20.48	22	0						
20	16QAM	100	0	20.56	20.57	20.47								
20	64QAM	1	0	20.42	20.48	20.45	22	0						
20	64QAM	1	49	20.46	20.57	20.41								
20	64QAM	1	99	20.57	20.67	20.47								
20	64QAM	50	0	19.61	19.71	19.58	21	1						
20	64QAM	50	24	19.44	19.56	19.48								
20	64QAM	50	50	19.59	19.64	19.56								
20	64QAM	100	0	19.55	19.67	19.57	21	1						
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Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
15	QPSK	1	0	20.53	20.58	20.53	22	0						
15	QPSK	1	37	20.41	20.54	20.50								
15	QPSK	1	74	20.28	20.40	20.36								
15	QPSK	36	0	20.57	20.52	20.42	22	0						
15	QPSK	36	20	20.35	20.51	20.52								
15	QPSK	36	39	20.30	20.54	20.40								
15	QPSK	75	0	20.29	20.54	20.48	22	0						
15	16QAM	1	0	20.38	20.34	20.33								
15	16QAM	1	37	20.42	20.44	20.32								
15	16QAM	1	74	20.25	20.44	20.32	22	0						
15	16QAM	36	0	20.51	20.67	20.61								
15	16QAM	36	20	20.55	20.49	20.43								
15	16QAM	36	39	20.42	20.44	20.36	22	0						
15	16QAM	75	0	20.51	20.46	20.39								
15	64QAM	1	0	20.35	20.36	20.38								
15	64QAM	1	37	20.32	20.47	20.27	22	0						
15	64QAM	1	74	20.45	20.59	20.39								
15	64QAM	36	0	19.50	19.65	19.46								
15	64QAM	36	20	19.31	19.52	19.33	21	1						
15	64QAM	36	39	19.45	19.52	19.47								
15	64QAM	75	0	19.44	19.54	19.53								
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
10	QPSK	1	0	20.48	20.59	20.46	22	0						
10	QPSK	1	25	20.38	20.49	20.56								
10	QPSK	1	49	20.31	20.50	20.35								
10	QPSK	25	0	20.54	20.53	20.41	22	0						
10	QPSK	25	12	20.36	20.47	20.49								
10	QPSK	25	25	20.31	20.53	20.42								
10	QPSK	50	0	20.31	20.51	20.48	22	0						
10	16QAM	1	0	20.32	20.37	20.35								
10	16QAM	1	25	20.40	20.49	20.30								
10	16QAM	1	49	20.26	20.45	20.26	22	0						
10	16QAM	25	0	20.50	20.50	20.60								
10	16QAM	25	12	20.51	20.52	20.44								
10	16QAM	25	25	20.38	20.52	20.41	22	0						
10	16QAM	50	0	20.44	20.43	20.39								
10	64QAM	1	0	20.27	20.43	20.36								
10	64QAM	1	25	20.38	20.47	20.37	22	0						
10	64QAM	1	49	20.44	20.59	20.37								
10	64QAM	25	0	19.52	19.57	19.59								
10	64QAM	25	12	19.34	19.44	19.34	21	1						
10	64QAM	25	25	19.50	19.54	19.42								
10	64QAM	50	0	19.51	19.52	19.47								
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
5	QPSK	1	0	20.50	20.65	20.45	22	0						
5	QPSK	1	24	20.40	20.51	20.46								
5	QPSK	1	24	20.32	20.49	20.34								
5	QPSK	12	0	20.47	20.57	20.50	22	0						
5	QPSK	12	7	20.39	20.46	20.54								
5	QPSK	12	13	20.36	20.49	20.40								
5	QPSK	25	0	20.35	20.61	20.42	22	0						
5	16QAM	1	0	20.32	20.42	20.31								
5	16QAM	1	12	20.32	20.43	20.32								
5	16QAM	1	24	20.28	20.46	20.32	22	0						
5	16QAM	12	0	20.47	20.61	20.58								
5	16QAM	12	7	20.57	20.50	20.38								
5	16QAM	12	13	20.43	20.49	20.41	22	0						
5	16QAM	25	0	20.45	20.53	20.38								
5	64QAM	1	0	20.32	20.41	20.34								
5	64QAM	1	12	20.32	20.47	20.30	22	0						
5	64QAM	1	24	20.44	20.55	20.43								
5	64QAM	12	0	19.50	19.65	19.55								
5	64QAM	12	7	19.31	19.45	19.33	21	1						
5	64QAM	12	13	19.53	19.56	19.42								
5	64QAM	25	0	19.51	19.52	19.44								
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>														
3	QPSK	1	0	20.44	20.63	20.56	22	0						
3	QPSK	1	8	20.34	20.50	20.52								
3	QPSK	1	14	20.30	20.51	20.37								
3	QPSK	8	0	20.52	20.49	20.43	22	0						
3	QPSK	8	4	20.40	20.45	20.47								
3	QPSK	8	7	20.28	20.49	20.32								
3	QPSK	15	0	20.35	20.50	20.47	22	0						
3	16QAM	1	0	20.42	20.40	20.39								
3	16QAM	1	8	20.42	20.55	20.36								
3	16QAM	1	14	20.26	20.44	20.33	22	0						
3	16QAM	8	0	20.55	20.58	20.60								
3	16QAM	8	4	20.48	20.49	20.46								
3	16QAM	8												

Band 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)	
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.			
Channel				20850	21100	21350			
Frequency (MHz)				205	255	250			
20	QPSK	1	0	17.19	17.26	17.09	18	0	
20	QPSK	1	49	17.00	17.12	17.08			
20	QPSK	1	99	16.97	17.11	17.03			
20	QPSK	50	0	17.03	17.15	17.12			
20	QPSK	50	24	16.97	17.00	16.95	18	0	
20	QPSK	50	50	16.89	17.04	16.91			
20	QPSK	100	0	17.03	17.06	17.00			
20	16QAM	1	0	17.04	17.08	17.05			
20	16QAM	1	49	17.11	17.23	17.08	18	0	
20	16QAM	1	99	17.04	17.17	17.12			
20	16QAM	50	0	17.15	17.23	17.07			
20	16QAM	50	24	17.13	17.18	17.16			
20	16QAM	50	50	17.03	17.09	17.06	18	0	
20	16QAM	100	0	16.98	17.12	17.02			
20	64QAM	1	0	16.88	16.97	16.90			
20	64QAM	1	49	17.04	17.13	17.10			
20	64QAM	1	99	16.87	17.00	16.89	18	0	
20	64QAM	50	0	17.10	17.20	17.10			
20	64QAM	50	24	17.03	17.07	17.11			
20	64QAM	50	50	16.92	17.06	16.95			
20	64QAM	100	0	16.93	17.08	17.03	18	0	
Channel				20825	21100	21375			
Frequency (MHz)				207.5	253.5	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.05	17.21	17.05	18	0	
15	QPSK	1	37	16.86	17.01	17.02			
15	QPSK	1	74	16.87	16.99	16.95			
15	QPSK	36	0	16.95	17.05	17.01			
15	QPSK	36	20	16.83	16.91	16.81	18	0	
15	QPSK	36	39	16.85	16.99	16.86			
15	QPSK	75	0	16.97	16.93	16.93			
15	16QAM	1	0	16.93	17.05	17.02			
15	16QAM	1	37	17.06	17.15	16.96	18	0	
15	16QAM	1	74	16.89	17.11	17.01			
15	16QAM	36	0	17.08	17.10	16.97			
15	16QAM	36	20	17.00	17.09	17.07			
15	16QAM	36	39	16.99	17.00	16.98	18	0	
15	16QAM	75	0	16.98	17.07	16.98			
15	64QAM	1	0	16.77	16.82	16.85			
15	64QAM	1	37	16.99	17.05	16.96			
15	64QAM	1	74	16.82	16.89	16.80	18	0	
15	64QAM	36	0	17.10	17.09	17.06			
15	64QAM	36	20	16.90	17.00	16.98			
15	64QAM	36	39	16.82	16.91	16.83			
15	64QAM	75	0	16.81	17.01	16.91	18	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2555	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.08	17.13	17.01	18	0	
10	QPSK	1	25	16.93	17.03	17.01			
10	QPSK	1	49	16.94	16.99	16.91			
10	QPSK	25	0	16.92	17.05	17.03			
10	QPSK	25	12	16.93	16.90	16.85	18	0	
10	QPSK	25	25	16.85	16.95	16.78			
10	QPSK	50	0	16.95	16.93	16.96			
10	16QAM	1	0	16.94	16.97	17.01			
10	16QAM	1	25	17.03	17.19	16.96	18	0	
10	16QAM	1	49	16.89	17.09	17.05			
10	16QAM	25	0	17.11	17.10	16.96			
10	16QAM	25	12	17.02	17.06	17.05			
10	16QAM	25	25	16.96	17.04	16.94	18	0	
10	16QAM	50	0	16.89	17.03	16.99			
10	64QAM	1	0	16.76	16.84	16.75			
10	64QAM	1	25	16.94	17.10	16.97			
10	64QAM	1	49	16.75	16.91	16.79	18	0	
10	64QAM	25	0	17.09	17.09	17.09			
10	64QAM	25	12	16.93	17.01	17.02			
10	64QAM	25	25	16.87	16.93	16.83			
10	64QAM	50	0	16.83	16.97	17.00	18	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.14	17.18	17.01	18	0	
5	QPSK	1	12	16.94	17.08	16.97			
5	QPSK	1	24	16.84	16.98	16.97			
5	QPSK	12	0	16.97	17.08	16.98			
5	QPSK	12	7	16.87	16.91	16.87	18	0	
5	QPSK	12	13	16.75	16.90	16.82			
5	QPSK	25	0	16.96	16.96	16.88			
5	16QAM	1	0	16.96	16.99	16.96			
5	16QAM	1	12	17.00	17.15	16.99	18	0	
5	16QAM	1	24	17.01	17.03	17.08			
5	16QAM	12	0	17.04	17.16	16.92			
5	16QAM	12	7	17.06	17.15	17.08			
5	16QAM	12	13	16.91	17.02	17.00	18	0	
5	16QAM	25	0	16.95	17.02	16.86			
5	64QAM	1	0	16.79	16.85	16.81			
5	64QAM	1	12	16.95	17.10	16.96			
5	64QAM	1	24	16.80	16.95	16.76	18	0	
5	64QAM	12	0	17.11	17.15	17.15			
5	64QAM	12	7	16.95	16.96	16.99			
5	64QAM	12	13	16.88	16.92	16.85			
5	64QAM	25	0	16.79	17.02	16.98	18	0	

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				26765	26865	26965			
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	0	23.30	23.39	23.32	24	0	
15	QPSK	1	37	23.17	23.21	23.14			
15	QPSK	1	74	23.32	23.23	23.11			
15	QPSK	36	0	21.98	22.32	22.21			
15	QPSK	36	20	22.09	22.30	22.25	23	1	
15	QPSK	36	39	22.11	22.15	22.00			
15	QPSK	75	0	22.09	22.12	22.03			
15	16QAM	1	0	21.83	21.99	21.95			
15	16QAM	1	37	21.80	22.01	21.84	23	1	
15	16QAM	1	74	21.77	21.96	21.88			
15	16QAM	36	0	20.96	21.05	21.13			
15	16QAM	36	20	21.05	21.13	21.05			
15	16QAM	36	39	20.99	21.12	21.15	22	2	
15	16QAM	75	0	20.88	21.03	20.87			
15	64QAM	1	0	21.04	21.02	21.12			
15	64QAM	1	37	20.92	20.98	21.13			
15	64QAM	1	74	20.96	21.04	20.85	22	2	
15	64QAM	36	0	20.15	20.28	20.34			
15	64QAM	36	20	20.13	20.31	20.24			
15	64QAM	36	39	20.15	20.02	20.03			
15	64QAM	75	0	19.99	20.24	20.12	21	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.25	23.36	23.16	24	0	
10	QPSK	1	25	23.01	23.10	23.04			
10	QPSK	1	49	23.30	23.10	23.09			
10	QPSK	25	0	21.86	22.22	22.14			
10	QPSK	25	12	22.05	22.20	22.18	23	1	
10	QPSK	25	25	22.02	22.03	21.82			
10	QPSK	50	0	22.03	21.99	21.88			
10	16QAM	1	0	21.89	21.97	21.91			
10	16QAM	1	25	21.69	21.88	21.80	23	1	
10	16QAM	1	49	21.62	21.92	21.71			
10	16QAM	25	0	20.87	20.99	21.05			
10	16QAM	25	12	20.89	21.05	20.89			
10	16QAM	25	25	20.82	21.00	21.03	22	2	
10	16QAM	50	0	20.70	20.94	20.86			
10	64QAM	1	0	20.97	20.92	21.02			
10	64QAM	1	25	20.86	20.93	20.96			
10	64QAM	1	49	20.79	21.01	20.74	22	2	
10	64QAM	25	0	20.01	20.13	20.25			
10	64QAM	25	12	19.99	20.26	20.17			
10	64QAM	25	25	19.89	19.85	19.86			
10	64QAM	50	0	19.87	20.13	20.10	21	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.23	23.26	23.22	24	0	
5	QPSK	1	12	23.03	23.12	22.98			
5	QPSK	1	24	23.28	23.17	23.14			
5	QPSK	12	0	21.92	22.19	22.18			
5	QPSK	12	7	21.95	22.23	22.08	23	1	
5	QPSK	12	13	22.00	22.10	21.93			
5	QPSK	25	0	21.93	21.98	21.95			
5	16QAM	1	0	21.70	21.90	21.89			
5	16QAM	1	12	21.63	21.95	21.85	23	1	
5	16QAM	1	24	21.60	21.78	21.66			
5	16QAM	12	0	20.87	21.01	21.01			
5	16QAM	12	7	20.94	21.07	20.97			
5	16QAM	12	13	20.95	21.00	21.04	22	2	
5	16QAM	25	0	20.82	20.95	20.75			
5	64QAM	1	0	20.92	20.93	20.96			
5	64QAM	1	12	20.76	20.94	21.03			
5	64QAM	1	24	20.82	20.86	20.69	22	2	
5	64QAM	12	0	20.09	20.25	20.27			
5	64QAM	12	7	20.10	20.20	20.10			
5	64QAM	12	13	20.09	19.86	20.01			
5	64QAM	25	0	19.94	20.19	20.09	21	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.24	23.22	23.25	24	0	
3	QPSK	1	8	23.07	23.06	23.06			
3	QPSK	1	14	23.19	23.17	22.97			
3	QPSK	8	0	21.82	22.30	22.15			
3	QPSK	8	4	21.92	22.18	22.20	23	1	
3	QPSK	8	7	22.01	22.04	21.88			
3	QPSK	16	0	21.92	21.97	22.01			
3	QPSK	16	1	21.77	21.91	21.80			
3	16QAM	1	8	21.72	21.84	21.76	23	1	
3	16QAM	1	14	21.60	21.84	21.60			
3	16QAM	8	0	20.86	20.92	20.96			
3	16QAM	8	4	20.96	21.10	20.88			
3	16QAM	8	7	20.95	21.03	21.02	22	2	
3	16QAM	16	0	20.83	20.92	20.69			
3	64QAM	1	0	21.00	20.90	21.09			
3	64QAM	1	8	20.90	20.85	21.05			
3	64QAM	1	14	20.82	21.00	20.71	22	2	
3	64QAM	8	0	20.07	20.21	20.27			
3	64QAM	8	4	20.00	20.18	20.20			
3	64QAM	8	7	20.06	19.99	19.90			
3	64QAM	15	0	19.82	20.18	20.03	21	3	
Channel				26705	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.13	23.25	23.15	24	0	
1.4	QPSK	1	3	23.15	23.28	23.02			
1.4	QPSK	1	5	23.27	23.12	23.02			
1.4	QPSK	3	0	23.22	23.22	23.21			
1.4	QPSK	3	1	23.05	23.16	22.96	23	1	
1.4	QPSK	3	3	23.23	23.11	22.94			
1.4	QPSK	6	0	21.80	22.20	22.13			
1.4	16QAM	1	0	21.99	22.13	22.23			
1.4	16QAM	1	3	21.99	21.98	21.92	23	1	
1.4	16QAM	1	5	22.06	22.07	21.91			
1.4	16QAM	3	0	21.68	21.84	21.82			
1.4	16QAM	3	1	21.70	21.90	21.77			
1.4	16QAM	3	3	21.74	21.82	21.98	22	2	
1.4	16QAM	6	0	20.83	21.00	20.96			
1.4	64QAM	1	0	20.93	21.10	21.00			
1.4	64QAM	1	3	20.91	21.02	21.04			
1.4	64QAM	1	5	20.83	20.99	20.74	22	2	
1.4	64QAM	3	0	20.87	20.85	21.05			
1.4	64QAM	3	1	20.99	20.91	21.05			
1.4	64QAM	3	3	20.81	20.95	20.75			
1.4	64QAM	6	0	20.05	20.16	20.20	21	3	

Band 38									
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	18	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	17.09	17.24	17.09	18	0	
20	QPSK	1	49	17.02	17.15	17.07			
20	QPSK	1	99	17.01	17.11	17.05			
20	QPSK	50	0	17.02	17.15	17.05	18	0	
20	QPSK	50	24	16.84	17.04	16.84			
20	QPSK	50	50	16.87	16.97	16.87			
20	QPSK	100	0	16.83	17.01	16.95	18	0	
20	16QAM	1	0	16.88	16.93	16.86			
20	16QAM	1	49	16.93	17.03	17.00			
20	16QAM	1	99	16.95	17.06	16.96	18	0	
20	16QAM	50	0	17.02	17.20	17.12			
20	16QAM	50	24	17.01	17.00	16.97			
20	16QAM	50	50	16.98	17.13	17.01	18	0	
20	16QAM	100	0	16.97	17.10	16.90			
20	64QAM	1	0	16.73	16.76	16.74			
20	64QAM	1	49	16.93	16.99	16.96	18	0	
20	64QAM	1	99	16.86	16.91	16.84			
20	64QAM	50	0	17.11	17.20	17.04			
20	64QAM	50	24	17.10	17.07	17.04	18	0	
20	64QAM	50	50	17.05	17.07	16.96			
20	64QAM	100	0	17.05	17.01	16.97			
Channel				37625	38000	38175	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	18	0	
15	QPSK	1	0	17.03	17.21	16.98			
15	QPSK	1	37	16.91	17.06	16.99			
15	QPSK	1	74	16.94	17.02	16.94			
15	QPSK	36	0	16.92	17.08	17.00	18	0	
15	QPSK	36	20	16.76	17.01	16.80			
15	QPSK	36	39	16.73	16.85	16.81			
15	QPSK	75	0	16.79	16.94	16.86	18	0	
15	16QAM	1	0	16.75	16.90	16.81			
15	16QAM	1	37	16.83	16.96	16.87			
15	16QAM	1	74	16.87	16.92	16.88	18	0	
15	16QAM	36	0	16.89	17.08	16.98			
15	16QAM	36	20	16.93	16.89	16.92			
15	16QAM	36	39	16.88	17.10	16.87	18	0	
15	16QAM	75	0	16.85	16.99	16.87			
15	64QAM	1	0	16.67	16.73	16.70			
15	64QAM	1	37	16.81	16.87	16.88	18	0	
15	64QAM	1	74	16.81	16.88	16.74			
15	64QAM	36	0	17.05	17.13	16.90			
15	64QAM	36	20	16.97	16.99	16.94	18	0	
15	64QAM	36	39	16.95	17.00	16.91			
15	64QAM	75	0	16.94	16.88	16.86			
Channel				37600	38000	38200	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	18	0	
10	QPSK	1	0	16.94	17.11	17.03			
10	QPSK	1	25	16.88	17.03	17.02			
10	QPSK	1	49	16.96	17.03	17.01			
10	QPSK	25	0	16.87	17.04	17.02	18	0	
10	QPSK	25	12	16.75	16.97	16.81			
10	QPSK	25	25	16.82	16.93	16.74			
10	QPSK	50	0	16.75	16.96	16.87	18	0	
10	16QAM	1	0	16.76	16.81	16.71			
10	16QAM	1	25	16.84	16.98	16.90			
10	16QAM	1	49	16.84	16.97	16.88	18	0	
10	16QAM	25	0	16.99	17.12	16.98			
10	16QAM	25	12	16.95	16.90	16.87			
10	16QAM	25	25	16.92	17.09	16.93	18	0	
10	16QAM	50	0	16.93	17.02	16.86			
10	64QAM	1	0	16.65	16.63	16.61			
10	64QAM	1	25	16.87	16.86	16.88	18	0	
10	64QAM	1	49	16.73	16.86	16.76			
10	64QAM	25	0	17.01	17.07	16.97			
10	64QAM	25	12	17.00	16.94	16.92	18	0	
10	64QAM	25	25	16.91	16.92	16.92			
10	64QAM	50	0	16.94	16.95	16.82			
Channel				37775	38000	38225	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	18	0	
5	QPSK	1	0	17.01	17.19	16.94			
5	QPSK	1	12	16.89	17.09	16.98			
5	QPSK	1	24	16.89	17.05	17.02			
5	QPSK	12	0	16.87	17.05	16.98	18	0	
5	QPSK	12	7	16.76	16.94	16.73			
5	QPSK	12	13	16.77	16.87	16.81			
5	QPSK	25	0	16.78	16.94	16.87	18	0	
5	16QAM	1	0	16.84	16.80	16.81			
5	16QAM	1	12	16.84	16.89	16.90			
5	16QAM	1	24	16.88	16.91	16.89	18	0	
5	16QAM	12	0	16.99	17.05	17.08			
5	16QAM	12	7	16.90	16.89	16.92			
5	16QAM	12	13	16.93	17.09	16.91	18	0	
5	16QAM	25	0	16.83	17.00	16.76			
5	64QAM	1	0	16.69	16.71	16.65			
5	64QAM	1	12	16.80	16.85	16.85	18	0	
5	64QAM	1	24	16.71	16.90	16.77			
5	64QAM	12	0	16.97	17.05	16.90			
5	64QAM	12	7	16.97	16.93	17.01	18	0	
5	64QAM	12	13	17.00	17.04	16.92			
5	64QAM	25	0	17.00	16.98	16.83			

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq.	Power Low Middle Ch / Freq.	Power Middle Ch / Freq.	Power High Middle Ch / Freq.	Power High Middle Ch / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				39750	40185	40620	41055	41490	18	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.23	17.16	17.39	17.13	17.32	18	0
20	QPSK	1	49	17.19	17.15	17.28	17.11	17.23		
20	QPSK	1	99	17.03	17.11	17.15	17.06	17.01	18	0
20	QPSK	50	0	17.14	17.09	17.23	17.14	17.16		
20	QPSK	50	24	17.07	16.97	17.11	17.07	17.00	18	0
20	QPSK	50	50	17.09	17.00	17.13	17.08	16.99		
20	QPSK	100	0	16.98	17.02	17.12	17.04	17.09	18	0
20	16QAM	1	0	16.97	16.94	17.02	16.94	16.90		
20	16QAM	1	49	17.03	17.03	17.16	17.06	17.01	18	0
20	16QAM	1	99	17.16	17.16	17.24	17.12	17.16		
20	16QAM	50	0	17.19	17.23	17.31	17.22	17.17	18	0
20	16QAM	50	24	17.15	17.08	17.19	17.15	17.12		
20	16QAM	50	50	17.31	17.26	17.36	17.29	17.32	18	0
20	16QAM	100	0	17.05	17.05	17.20	17.10	17.07		
20	64QAM	1	0	17.26	17.20	17.35	17.30	17.28	18	0
20	64QAM	1	49	17.16	17.16	17.26	17.18	17.16		
20	64QAM	1	99	17.25	17.23	17.32	17.22	17.21	18	0
20	64QAM	50	0	17.19	17.19	17.29	17.25	17.18		
20	64QAM	50	24	17.16	17.16	17.23	17.17	17.11	18	0
20	64QAM	50	50	17.20	17.24	17.33	17.26	17.29		
20	64QAM	100	0	16.97	17.08	17.12	17.08	17.08	18	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.09	17.01	17.34	17.05	17.23	18	0
15	QPSK	1	49	17.05	17.11	17.16	17.06	17.12		
15	QPSK	1	74	16.97	17.03	17.03	16.98	16.88	18	0
15	QPSK	36	0	17.09	16.94	17.08	17.07	17.10		
15	QPSK	36	20	17.01	16.82	17.07	17.02	16.95	18	0
15	QPSK	36	39	17.02	16.90	17.07	16.96	16.90		
15	QPSK	75	0	16.86	16.90	17.05	16.93	16.86	18	0
15	16QAM	1	0	16.93	16.80	16.89	16.90	16.83		
15	16QAM	1	37	16.91	16.94	17.06	17.00	16.97	18	0
15	16QAM	1	74	17.07	17.11	17.16	17.08	17.04		
15	16QAM	36	0	17.05	17.08	17.27	17.17	17.09	18	0
15	16QAM	36	20	17.11	16.95	17.12	17.12	17.07		
15	16QAM	36	39	17.21	17.20	17.26	17.19	17.19	18	0
15	16QAM	75	0	16.95	16.91	17.16	17.02	16.99		
15	64QAM	1	0	17.15	17.11	17.29	17.18	17.22	18	0
15	64QAM	1	37	17.03	17.02	17.14	17.09	17.11		
15	64QAM	1	74	17.11	17.19	17.26	17.10	17.13	18	0
15	64QAM	36	0	17.06	17.07	17.22	17.21	17.05		
15	64QAM	36	20	17.06	17.13	17.13	17.07	17.08	18	0
15	64QAM	36	39	17.09	17.09	17.30	17.15	17.18		
15	64QAM	75	0	16.89	17.01	17.04	17.00	16.96	18	0
Channel				39750	40167	40620	41060	41549		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.12	17.10	17.31	17.09	17.24	18	0
10	QPSK	1	25	17.08	17.10	17.15	17.02	17.18		
10	QPSK	1	49	16.94	17.06	17.10	16.94	16.90	18	0
10	QPSK	25	0	17.02	16.95	17.14	17.07	17.05		
10	QPSK	25	12	16.93	16.88	17.02	17.00	16.93	18	0
10	QPSK	25	25	16.97	16.91	17.05	16.95	16.93		
10	QPSK	50	0	16.86	16.94	16.98	16.90	17.04	18	0
10	16QAM	1	0	16.83	16.89	16.95	16.83	16.86		
10	16QAM	1	25	16.93	16.97	17.02	16.93	16.92	18	0
10	16QAM	1	49	17.05	17.11	17.19	17.07	17.08		
10	16QAM	25	0	17.11	17.08	17.21	17.08	17.14	18	0
10	16QAM	25	12	17.02	17.04	17.14	17.10	17.02		
10	16QAM	25	25	17.23	17.12	17.22	17.23	17.21	18	0
10	16QAM	50	0	17.02	16.98	17.15	17.02	17.03		
10	64QAM	1	0	17.16	17.14	17.28	17.21	17.15	18	0
10	64QAM	1	25	17.08	17.10	17.16	17.08	17.12		
10	64QAM	1	49	17.17	17.19	17.17	17.17	17.08	18	0
10	64QAM	25	0	17.13	17.05	17.23	17.11	17.06		
10	64QAM	25	12	17.08	17.11	17.16	17.04	16.96	18	0
10	64QAM	25	25	17.07	17.10	17.23	17.12	17.25		
10	64QAM	50	0	16.92	16.99	17.05	16.96	16.97	18	0
Channel				39675	40148	40620	41063	41555		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.17	17.03	17.33	17.03	17.20	18	0
5	QPSK	1	12	17.14	17.09	17.20	17.07	16.97		
5	QPSK	1	24	16.96	17.01	17.05	16.94	16.87	18	0
5	QPSK	12	0	17.09	16.95	17.11	16.99	17.11		
5	QPSK	12	7	17.04	16.89	17.04	17.04	16.85	18	0
5	QPSK	12	13	16.98	16.88	17.01	16.96	16.89		
5	QPSK	25	0	16.86	16.96	17.08	16.92	17.00	18	0
5	16QAM	1	0	16.93	16.85	16.97	16.87	16.80		
5	16QAM	1	12	16.90	16.98	17.12	17.02	16.94	18	0
5	16QAM	1	24	17.11	17.05	17.10	17.07	17.11		
5	16QAM	12	0	17.16	17.14	17.17	17.13	17.07	18	0
5	16QAM	12	7	17.05	17.00	17.05	17.11	17.02		
5	16QAM	12	13	17.25	17.12	17.29	17.14	17.22	18	0
5	16QAM	25	0	16.93	16.94	17.14	17.04	16.97		
5	64QAM	1	0	17.13	17.06	17.21	17.20	17.18	18	0
5	64QAM	1	12	17.06	17.03	17.12	17.07	17.05		
5	64QAM	1	24	17.17	17.08	17.22	17.15	17.14	18	0
5	64QAM	12	0	17.09	17.07	17.27	17.21	17.07		
5	64QAM	12	7	17.06	17.13	17.14	17.04	17.07	18	0
5	64QAM	12	13	17.06	17.16	17.29	17.12	17.18		
5	64QAM	25	0	16.93	17.01	17.00	17.00	17.00	18	0

Reduced Power Mode for Sensor on

GSM850	Burst Average Power (dBm)			Turnup Limit (dBm)	Frame-Average Power (dBm)			Turnup Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	24.16	24.28	24.13	25.00	15.16	15.28	15.13	16.00
GPRS 1 Tx slot	24.06	24.21	24.10	25.00	15.06	15.21	15.10	16.00
GPRS 2 Tx slots	22.95	23.16	23.10	24.00	16.95	17.16	17.10	18.00
GPRS 3 Tx slots	20.90	21.07	21.02	22.00	16.64	16.81	16.76	17.74
GPRS 4 Tx slots	19.81	20.01	19.96	21.00	16.81	17.01	16.96	18.00
EDGE 1 Tx slot	18.15	18.32	18.17	19.00	9.15	9.32	9.17	10.00
EDGE 2 Tx slots	17.03	17.20	17.17	18.00	11.03	11.20	11.17	12.00
EDGE 3 Tx slots	14.74	14.94	14.81	15.50	10.48	10.68	10.55	11.24
EDGE 4 Tx slots	13.21	13.42	13.36	14.00	10.21	10.42	10.36	11.00

GSM1900		Burst Average Power (dBm)			Turnup Limit (dBm)	Frame-Average Power (dBm)			Turnup Limit (dBm)
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1852.2	1863	1869.8		1852.2	1863	1869.8		
GSM 1 Tx slot	20.67	20.74	20.49	21.50	11.67	11.74	11.49	12.50	
GPRS 1 Tx slot	20.61	20.69	20.46	21.50	11.61	11.69	11.46	12.50	
GPRS 2 Tx slots	19.65	19.71	19.44	20.50	13.65	13.71	13.44	14.50	
GPRS 3 Tx slots	17.64	17.80	17.62	18.50	13.38	13.54	13.35	14.24	
GPRS 4 Tx slots	16.73	16.81	16.60	17.50	13.73	13.81	13.60	14.50	
EDGE 1 Tx slot	15.84	16.10	15.86	16.50	6.84	7.10	6.86	7.50	
EDGE 2 Tx slots	14.96	15.03	14.84	15.50	8.96	9.03	8.84	9.50	
EDGE 3 Tx slots	12.97	13.01	12.82	13.50	8.71	8.75	8.56	9.24	
EDGE 4 Tx slots	11.70	11.79	11.53	12.50	8.70	8.79	8.53	9.50	

Band		WCDMA II			Turn-up Limit (dBm)	WCDMA V			Turn-up Limit (dBm)
TX Channel		9262	8400	9538		4132	4182	4233	
Rx Channel		9662	8800	9938		4357	4407	4458	
Frequency (MHz)		1627.4	1500	1597.6		320.4	303.4	249.6	
3GPP Rel 99	AMR 12.2Kbps	13.87	13.97	13.82	15.00	15.86	16.02	15.97	17.00
3GPP Rel 99	RMTC 12.2Kbps	13.94	14.03	13.98	15.00	15.95	16.10	16.04	17.00
3GPP Rel 6	HSDPA Subtest-1	13.02	13.16	12.88	14.00	15.13	15.25	14.91	16.00
3GPP Rel 6	HSDPA Subtest-2	13.03	12.97	13.04	14.00	15.10	15.00	15.00	16.00
3GPP Rel 6	HSDPA Subtest-3	12.50	12.34	12.46	13.50	14.54	14.34	14.52	15.50
3GPP Rel 6	HSDPA Subtest-4	12.60	12.45	12.48	13.50	14.66	14.40	14.54	15.50
3GPP Rel 8	DCHSDPA Subtest-1	12.74	12.88	12.76	14.00	14.84	14.91	14.79	16.00
3GPP Rel 8	DCHSDPA Subtest-2	12.93	13.07	12.81	14.00	14.96	15.16	14.82	16.00
3GPP Rel 8	DCHSDPA Subtest-3	12.61	12.37	12.37	13.50	14.61	14.62	14.60	15.50
3GPP Rel 8	DCHSDPA Subtest-4	12.29	12.43	12.23	13.50	14.39	14.35	14.21	15.50
3GPP Rel 6	HSUPA Subtest-1	12.86	12.97	12.95	14.00	14.91	15.08	14.90	16.00
3GPP Rel 6	HSUPA Subtest-2	10.91	10.62	11.00	12.00	13.05	12.87	12.92	14.00
3GPP Rel 6	HSUPA Subtest-3	12.05	11.85	11.83	13.00	14.03	13.97	13.81	15.00
3GPP Rel 6	HSUPA Subtest-4	10.85	11.09	10.84	12.00	12.83	13.13	12.83	14.00
3GPP Rel 6	HSUPA Subtest-5	12.99	13.03	13.07	14.00	14.98	15.14	15.01	16.00
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	9.98	9.93	10.08	11.50	12.01	12.14	12.15	13.50

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	14.09	14.27	14.14	15.5	0								
20	QPSK	1	49	14.01	14.14	14.06										
20	QPSK	1	99	14.07	14.11	14.02										
20	QPSK	50	0	14.19	14.25	14.21	15.5	0								
20	QPSK	50	24	14.10	14.13	14.07										
20	QPSK	50	50	14.01	14.12	14.03										
20	QPSK	100	0	14.09	14.16	14.11	15.5	0								
20	16QAM	1	0	13.96	14.06	14.01										
20	16QAM	1	49	14.01	14.11	14.03										
20	16QAM	1	99	14.15	14.19	14.11	15.5	0								
20	16QAM	50	0	14.11	14.23	14.13										
20	16QAM	50	24	14.01	14.12	13.98										
20	16QAM	50	50	13.97	14.06	13.95	15.5	0								
20	16QAM	100	0	14.05	14.15	14.04										
20	64QAM	1	0	13.84	13.96	13.91										
20	64QAM	1	49	14.02	14.06	14.01	15.5	0								
20	64QAM	1	99	13.79	13.88	13.79										
20	64QAM	50	0	13.88	14.02	13.88										
20	64QAM	50	24	14.03	14.16	14.07	15.5	0								
20	64QAM	50	50	14.04	14.13	13.98										
20	64QAM	100	0	14.12	14.22	14.08										
Channel																
Frequency (MHz)																
15	QPSK	1	0	14.04	14.23	14.04	15.5	0								
15	QPSK	1	37	13.88	14.06	14.00										
15	QPSK	1	74	13.97	13.98	13.97										
15	QPSK	36	0	14.18	14.23	14.20	15.5	0								
15	QPSK	36	20	14.05	14.11	14.06										
15	QPSK	36	39	13.98	14.10	14.01										
15	QPSK	75	0	13.99	14.07	14.02	15.5	0								
15	16QAM	1	0	13.84	13.94	13.89										
15	16QAM	1	37	13.88	14.09	13.96										
15	16QAM	1	74	14.12	14.05	14.00	15.5	0								
15	16QAM	36	0	14.00	14.15	14.01										
15	16QAM	36	20	13.88	14.09	13.84										
15	16QAM	36	39	13.96	14.04	13.81	15.5	0								
15	16QAM	75	0	13.99	14.02	13.99										
15	64QAM	1	0	13.75	13.90	13.77										
15	64QAM	1	37	13.93	14.01	13.96	15.5	0								
15	64QAM	1	74	13.68	13.81	13.76										
15	64QAM	36	0	13.87	13.90	13.82										
15	64QAM	36	20	13.89	14.04	14.02	15.5	0								
15	64QAM	36	39	13.98	13.99	13.95										
15	64QAM	75	0	14.01	14.16	14.06										
Channel																
Frequency (MHz)																
10	QPSK	1	0	14.04	14.14	14.02	15.5	0								
10	QPSK	1	25	13.92	14.00	13.98										
10	QPSK	1	49	13.96	14.09	13.90										
10	QPSK	25	0	14.11	14.23	14.15	15.5	0								
10	QPSK	25	12	14.07	13.99	14.00										
10	QPSK	25	25	13.98	14.10	13.90										
10	QPSK	50	0	14.02	14.07	14.09	15.5	0								
10	16QAM	1	0	13.92	14.03	13.92										
10	16QAM	1	25	13.93	14.11	13.99										
10	16QAM	1	49	14.10	14.11	14.06	15.5	0								
10	16QAM	25	0	14.01	14.22	14.09										
10	16QAM	25	12	14.01	14.01	13.90										
10	16QAM	25	25	13.90	13.98	13.81	15.5	0								
10	16QAM	50	0	13.96	14.13	13.95										
10	64QAM	1	0	13.74	13.91	13.89										
10	64QAM	1	25	13.93	13.94	13.87	15.5	0								
10	64QAM	1	49	13.65	13.88	13.67										
10	64QAM	25	0	13.75	13.97	13.78										
10	64QAM	25	12	13.98	14.14	14.07	15.5	0								
10	64QAM	25	25	14.03	14.04	13.86										
10	64QAM	50	0	14.03	14.15	13.99										
Channel																
Frequency (MHz)																
5	QPSK	1	0	13.99	14.15	14.08	15.5	0								
5	QPSK	1	12	13.92	14.06	14.01										
5	QPSK	1	24	13.95	14.08	14.01										
5	QPSK	12	0	14.05	14.12	14.07	15.5	0								
5	QPSK	12	7	14.08	14.02	13.95										
5	QPSK	12	13	13.87	14.07	13.93										
5	QPSK	25	0	13.97	14.17	14.00	15.5	0								
5	16QAM	1	0	13.93	14.00	13.94										
5	16QAM	1	12	13.91	14.05	13.94										
5	16QAM	1	24	14.05	14.06	14.10	15.5	0								
5	16QAM	12	0	14.07	14.14	14.01										
5	16QAM	12	7	13.92	14.05	13.85										
5	16QAM	12	13	13.84	13.91	13.82	15.5	0								
5	16QAM	25	0	13.95	14.11	13.89										
5	64QAM	1	0	13.69	13.84	13.80										
5	64QAM	1	12	13.93	13.95	13.98	15.5	0								
5	64QAM	1	24	13.65	13.87	13.73										
5	64QAM	12	0	13.73	14.00	13.77										
5	64QAM	12	7	14.03	14.17	13.95	15.5	0								
5	64QAM	12	13	13.96	14.02	13.98										
5	64QAM	25	0	14.02	14.11	14.05										
Channel																
Frequency (MHz)																
3	QPSK	1	0	14.06	14.10	14.08	15.5	0								
3	QPSK	1	8	14.01	14.08	14.00										
3	QPSK	1	14	13.98	14.01	13.90										
3	QPSK	8	0	14.18	14.22	14.13	15.5	0								
3	QPSK	8	4	13.97	14.05	13.93										
3	QPSK	8	7	13.89	13.98	13.89										
3	QPSK	15	0	14.00	14.18	14.06	15.5	0								
3	16QAM	1	0	13.91	13.92	13.92										
3	16QAM	1	8	13.96	14.08	14.01										
3	16QAM	1	14	14.03	14.11	14.06	15.5	0								
3	16QAM	8	0	14.02	14.09	14.05										
3	16QAM	8	4	13.93	13.97	13.91										
3	16QAM	8	7	13.88	14.05	13.89	15.5	0								
3	16QAM	15	0	14.05	14.02	14.03										
3	64QAM	1	0	13.79	13.82	13.77										
3	64QAM	1	8	13.89	13.98	13.98	15.5	0								
3	64QAM	1	14	13.69	13.96	13.85										
3	64QAM	8	0	13.87	13.96	13.87										
3	64QAM	8	4	13.99	14.07	14.00	15.5	0								
3	64QAM	8	7	13.88	14.00	13.85										
3	64QAM	15	0	14.00	14.11	13.98										
Channel																
Frequency (MHz)																
1.4	QPSK	1	0	14.04	14.15	14.09	15.5	0								
1.4	QPSK	1	3	13.94	14.04	14.04										
1.4	QPSK	1	5	13.99	14.01	13.98										
1.4	QPSK	3	0	14.18	14.19	14.11	15.5	0								
1.4	QPSK	3	1	13.99	14.05	13.98										
1.4	QPSK	3	3	13.89	13.99	13.99										
1.4	QPSK	6	0	14.06	14.11	14.10	15.5	0								
1.4	16QAM	1	0	13.94	14.01	13.98										
1.4	16QAM	1	3	13.98	14.03	13.97										
1.4	16QAM	1	5	14.02	14.11	14.03	15.5	0								
1.4	16QAM	3	0	14.09	14.15	14.09										
1.4	16QAM	3	1	13.93	13.97	13.95										
1.4	16QAM	3	3	13.86	13.96	13.84	15.5	0								
1.4	64QAM	1	0	13.72	13.83	13.79										
1.4	64QAM	1	3	13.92	13.97	13.99										
1.4	64QAM	1	5	13.76	13.82	13.75	15.5	0								
1.4	64QAM	3	0	14.01	13.98	13.92										
1.4	64QAM	3	3	13.99	14.11	13.98										
1.4	64QAM	3	3	13.90	14.03	13.92	15.5	0								
1.4	64QAM	6	0	14.04	14.13	13.94										

Band 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.			
				Channel					
Frequency (MHz)				20850	21100	21350			
				2507.5	2535	2560			
20	QPSK	1	0	9.28	9.34	9.22	10	0	
20	QPSK	1	49	9.15	9.18	9.12			
20	QPSK	1	99	9.11	9.12	9.08			
20	QPSK	50	0	9.30	9.32	9.24			
20	QPSK	50	24	9.17	9.21	9.11	10	0	
20	QPSK	50	50	9.10	9.12	9.07			
20	QPSK	100	0	9.15	9.23	9.18			
20	16QAM	1	0	9.01	9.14	9.11			
20	16QAM	1	49	9.08	9.23	9.16	10	0	
20	16QAM	1	99	8.98	9.11	9.05			
20	16QAM	50	0	9.17	9.32	9.19			
20	16QAM	50	24	9.05	9.17	9.13			
20	16QAM	50	50	9.17	9.25	9.16	10	0	
20	16QAM	100	0	9.15	9.20	9.06			
20	64QAM	1	0	9.05	9.17	9.13			
20	64QAM	1	49	9.25	9.29	9.15			
20	64QAM	1	99	9.14	9.21	9.16	10	0	
20	64QAM	50	0	9.22	9.31	9.20			
20	64QAM	50	24	9.18	9.27	9.23			
20	64QAM	50	50	9.11	9.23	9.16			
20	64QAM	100	0	9.07	9.19	9.11			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	9.22	9.27	9.07	10	0	
15	QPSK	1	37	9.00	9.04	9.03			
15	QPSK	1	74	8.99	9.05	8.97			
15	QPSK	36	0	9.20	9.19	9.14			
15	QPSK	36	20	9.14	9.14	8.98	10	0	
15	QPSK	36	39	8.97	9.07	8.98			
15	QPSK	75	0	9.06	9.11	9.04			
15	16QAM	1	0	8.91	9.00	9.04			
15	16QAM	1	37	8.99	9.15	9.08	10	0	
15	16QAM	1	74	8.90	8.98	8.95			
15	16QAM	36	0	9.03	9.26	9.05			
15	16QAM	36	20	8.96	9.04	9.00			
15	16QAM	36	39	9.09	9.17	9.11	10	0	
15	16QAM	75	0	9.08	9.17	9.05			
15	64QAM	1	0	8.98	9.06	9.07			
15	64QAM	1	37	9.12	9.21	9.06			
15	64QAM	1	74	9.08	9.18	9.04	10	0	
15	64QAM	36	0	9.10	9.17	9.08			
15	64QAM	36	20	9.05	9.20	9.15			
15	64QAM	36	39	9.06	9.14	9.02			
15	64QAM	75	0	8.99	9.04	9.00			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	9.21	9.26	9.17	10	0	
10	QPSK	1	25	9.04	9.03	9.06			
10	QPSK	1	49	8.98	9.04	8.94			
10	QPSK	25	0	9.24	9.22	9.16			
10	QPSK	25	12	9.05	9.09	9.02	10	0	
10	QPSK	25	25	9.01	8.97	9.04			
10	QPSK	50	0	9.07	9.10	9.14			
10	16QAM	1	0	8.95	9.04	9.05			
10	16QAM	1	25	9.02	9.10	9.04	10	0	
10	16QAM	1	49	8.93	8.97	8.94			
10	16QAM	25	0	9.11	9.19	9.10			
10	16QAM	25	12	8.98	9.03	8.99			
10	16QAM	25	25	9.08	9.10	9.13	10	0	
10	16QAM	50	0	9.02	9.15	8.97			
10	64QAM	1	0	8.91	9.12	9.09			
10	64QAM	1	25	9.22	9.25	9.09			
10	64QAM	1	49	9.08	9.16	9.03	10	0	
10	64QAM	25	0	9.12	9.24	9.08			
10	64QAM	25	12	9.13	9.22	9.16			
10	64QAM	25	25	9.02	9.12	9.09			
10	64QAM	50	0	8.93	9.10	8.99			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	9.23	9.28	9.08	10	0	
5	QPSK	1	12	9.11	9.05	9.02			
5	QPSK	1	24	8.99	8.99	8.96			
5	QPSK	12	0	9.24	9.28	9.18			
5	QPSK	12	7	9.10	9.12	8.96	10	0	
5	QPSK	12	13	8.99	9.09	8.97			
5	QPSK	25	0	9.12	9.11	9.09			
5	16QAM	1	0	8.94	9.00	8.97			
5	16QAM	1	12	8.98	9.12	9.07	10	0	
5	16QAM	1	24	8.92	9.07	8.94			
5	16QAM	12	0	9.10	9.29	9.10			
5	16QAM	12	7	8.96	9.13	9.10			
5	16QAM	12	13	9.06	9.14	9.08	10	0	
5	16QAM	25	0	9.07	9.15	9.01			
5	64QAM	1	0	9.00	9.03	9.04			
5	64QAM	1	12	9.12	9.22	9.05			
5	64QAM	1	24	9.08	9.09	9.03	10	0	
5	64QAM	12	0	9.10	9.26	9.07			
5	64QAM	12	7	9.05	9.12	9.17			
5	64QAM	12	13	9.00	9.19	9.11			
5	64QAM	25	0	9.02	9.09	9.04			

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				26765	26865	26965			
Frequency (MHz)				831.5	831.5	831.5			
15	QPSK	1	0	16.55	16.69	16.62	17.5	0	
15	QPSK	1	37	16.54	16.61	16.58			
15	QPSK	1	74	16.38	16.48	16.42			
15	QPSK	36	0	16.46	16.59	16.46			
15	QPSK	36	20	16.42	16.48	16.35	17.5	0	
15	QPSK	36	39	16.34	16.46	16.40			
15	QPSK	75	0	16.38	16.49	16.34			
15	16QAM	1	0	16.53	16.67	16.55			
15	16QAM	1	37	16.51	16.62	16.56	17.5	0	
15	16QAM	1	74	16.46	16.59	16.48			
15	16QAM	36	0	16.37	16.47	16.37			
15	16QAM	36	20	16.47	16.53	16.43			
15	16QAM	36	39	16.53	16.60	16.50	17.5	0	
15	16QAM	75	0	16.41	16.51	16.39			
15	64QAM	1	0	16.40	16.54	16.40			
15	64QAM	1	37	16.43	16.51	16.40			
15	64QAM	1	74	16.34	16.44	16.36	17.5	0	
15	64QAM	36	0	16.39	16.50	16.35			
15	64QAM	36	20	16.52	16.57	16.45			
15	64QAM	36	39	16.53	16.60	16.47			
15	64QAM	75	0	16.47	16.51	16.46	Tune-up limit (dBm)	MPR (dB)	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.50	16.56	16.52			
10	QPSK	1	25	16.40	16.55	16.44	17.5	0	
10	QPSK	1	49	16.29	16.37	16.35			
10	QPSK	25	0	16.35	16.48	16.36			
10	QPSK	25	12	16.33	16.44	16.21			
10	QPSK	25	25	16.26	16.40	16.32	17.5	0	
10	QPSK	50	0	16.28	16.40	16.20			
10	16QAM	1	0	16.48	16.59	16.46			
10	16QAM	1	25	16.38	16.54	16.48			
10	16QAM	1	49	16.24	16.47	16.45	17.5	0	
10	16QAM	25	0	16.27	16.40	16.26			
10	16QAM	25	12	16.33	16.39	16.37			
10	16QAM	25	25	16.46	16.54	16.45			
10	16QAM	50	0	16.36	16.39	16.31	17.5	0	
10	64QAM	1	0	16.26	16.45	16.32			
10	64QAM	1	25	16.26	16.41	16.33			
10	64QAM	1	49	16.28	16.37	16.27			
10	64QAM	25	0	16.28	16.41	16.21	17.5	0	
10	64QAM	25	12	16.40	16.46	16.39			
10	64QAM	25	25	16.43	16.48	16.40			
10	64QAM	50	0	16.39	16.39	16.42			
Channel				26710	26835	27010	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	16.52	16.56	16.48	17.5	0	
5	QPSK	1	12	16.46	16.55	16.45			
5	QPSK	1	24	16.30	16.45	16.30			
5	QPSK	12	0	16.41	16.51	16.36			
5	QPSK	12	7	16.30	16.43	16.20	17.5	0	
5	QPSK	12	13	16.20	16.37	16.33			
5	QPSK	25	0	16.34	16.38	16.29			
5	16QAM	1	0	16.46	16.53	16.49			
5	16QAM	1	12	16.37	16.56	16.46	17.5	0	
5	16QAM	1	24	16.38	16.54	16.44			
5	16QAM	12	0	16.23	16.38	16.23			
5	16QAM	12	7	16.38	16.40	16.29			
5	16QAM	12	13	16.46	16.48	16.44	17.5	0	
5	16QAM	25	0	16.28	16.44	16.24			
5	64QAM	1	0	16.34	16.40	16.32			
5	64QAM	1	12	16.39	16.40	16.35			
5	64QAM	1	24	16.25	16.38	16.21	17.5	0	
5	64QAM	12	0	16.27	16.44	16.27			
5	64QAM	12	7	16.41	16.51	16.33			
5	64QAM	12	13	16.44	16.51	16.39			
5	64QAM	25	0	16.37	16.41	16.42	Tune-up limit (dBm)	MPR (dB)	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	16.45	16.59	16.48			
3	QPSK	1	8	16.49	16.51	16.45	17.5	0	
3	QPSK	1	14	16.26	16.43	16.39			
3	QPSK	8	0	16.38	16.46	16.34			
3	QPSK	8	4	16.27	16.40	16.30			
3	QPSK	8	7	16.27	16.39	16.25	17.5	0	
3	QPSK	16	0	16.35	16.43	16.23			
3	16QAM	1	0	16.41	16.56	16.51			
3	16QAM	1	8	16.43	16.47	16.47			
3	16QAM	1	14	16.31	16.53	16.50	17.5	0	
3	16QAM	8	0	16.32	16.33	16.30			
3	16QAM	8	4	16.36	16.45	16.37			
3	16QAM	8	7	16.40	16.55	16.46			
3	16QAM	16	0	16.28	16.42	16.33	17.5	0	
3	64QAM	1	0	16.27	16.40	16.31			
3	64QAM	1	8	16.35	16.47	16.30			
3	64QAM	1	14	16.27	16.32	16.27			
3	64QAM	8	0	16.32	16.47	16.29	17.5	0	
3	64QAM	8	4	16.46	16.48	16.35			
3	64QAM	8	7	16.47	16.52	16.34			
3	64QAM	16	0	16.34	16.39	16.39			
Channel				26695	26865	27035	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	16.40	16.57	16.54	17.5	0	
1.4	QPSK	1	3	16.40	16.48	16.50			
1.4	QPSK	1	5	16.34	16.34	16.35			
1.4	QPSK	3	0	16.41	16.53	16.43			
1.4	QPSK	3	1	16.34	16.42	16.31	17.5	0	
1.4	QPSK	3	3	16.20	16.37	16.36			
1.4	QPSK	6	0	16.29	16.44	16.20			
1.4	16QAM	1	0	16.42	16.64	16.49			
1.4	16QAM	1	3	16.44	16.49	16.42	17.5	0	
1.4	16QAM	1	5	16.34	16.47	16.40			
1.4	16QAM	3	0	16.28	16.42	16.29			
1.4	16QAM	3	1	16.36	16.48	16.31			
1.4	16QAM	3	3	16.47	16.50	16.41	17.5	0	
1.4	16QAM	6	0	16.30	16.43	16.34			
1.4	64QAM	1	0	16.33	16.46	16.33			
1.4	64QAM	1	3	16.38	16.44	16.36			
1.4	64QAM	1	5	16.30	16.40	16.31	17.5	0	
1.4	64QAM	3	0	16.34	16.38	16.31			
1.4	64QAM	3	1	16.46	16.55	16.42			
1.4	64QAM	6	0	16.40	16.40	16.42			

Band 38									
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	12	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	11.20	11.27	11.11	12	0	
20	QPSK	1	49	11.14	11.18	11.06			
20	QPSK	1	99	11.02	11.11	11.05			
20	QPSK	50	0	11.13	11.13	11.17			
20	QPSK	50	24	11.02	11.15	11.09	12	0	
20	QPSK	50	50	10.93	11.07	11.00			
20	QPSK	100	0	11.13	11.17	11.03			
20	16QAM	1	0	10.99	11.06	10.95			
20	16QAM	1	49	11.01	11.13	11.01	12	0	
20	16QAM	1	99	10.89	10.98	10.92			
20	16QAM	50	0	11.24	11.30	11.25			
20	16QAM	50	24	11.06	11.14	11.03			
20	16QAM	50	50	11.13	11.21	11.07	12	0	
20	16QAM	100	0	11.10	11.23	11.19			
20	64QAM	1	0	10.99	11.03	10.97			
20	64QAM	1	49	11.10	11.22	11.10			
20	64QAM	1	99	11.08	11.14	11.04	12	0	
20	64QAM	50	0	11.17	11.29	11.22			
20	64QAM	50	24	11.15	11.20	11.06			
20	64QAM	50	50	11.02	11.16	11.05			
20	64QAM	100	0	11.14	11.22	11.15	12	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	11.06	11.20	11.05	12	0	
15	QPSK	1	37	11.09	11.03	10.99			
15	QPSK	1	74	10.91	11.06	10.94			
15	QPSK	36	0	11.00	11.14	11.03			
15	QPSK	36	20	10.88	11.03	11.04	12	0	
15	QPSK	36	39	10.79	11.02	10.96			
15	QPSK	75	0	11.06	11.10	10.96			
15	16QAM	1	0	10.85	11.02	10.87			
15	16QAM	1	37	10.87	11.04	10.98	12	0	
15	16QAM	1	74	10.81	10.91	10.79			
15	16QAM	36	0	11.10	11.19	11.17			
15	16QAM	36	20	10.96	11.05	10.96			
15	16QAM	36	39	11.06	11.06	10.96	12	0	
15	16QAM	75	0	11.03	11.19	11.11			
15	64QAM	1	0	10.88	10.91	10.87			
15	64QAM	1	37	10.98	11.10	10.96			
15	64QAM	1	74	11.00	11.03	10.95	12	0	
15	64QAM	36	0	11.10	11.15	11.13			
15	64QAM	36	20	11.06	11.06	11.02			
15	64QAM	36	39	10.91	11.13	10.95			
15	64QAM	75	0	11.02	11.15	11.03	12	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	11.16	11.23	10.97	12	0	
10	QPSK	1	25	11.07	11.14	10.98			
10	QPSK	1	49	10.96	10.98	10.98			
10	QPSK	25	0	11.08	11.11	11.08			
10	QPSK	25	12	10.94	11.01	10.99	12	0	
10	QPSK	25	25	10.85	11.02	10.87			
10	QPSK	50	0	11.09	11.11	10.92			
10	16QAM	1	0	10.89	10.94	10.88			
10	16QAM	1	25	10.89	11.03	10.92	12	0	
10	16QAM	1	49	10.86	10.90	10.83			
10	16QAM	25	0	11.18	11.18	11.20			
10	16QAM	25	12	10.95	11.04	10.91			
10	16QAM	25	25	11.08	11.11	10.93	12	0	
10	16QAM	50	0	11.02	11.20	11.11			
10	64QAM	1	0	10.89	10.97	10.85			
10	64QAM	1	25	10.97	11.14	11.07			
10	64QAM	1	49	10.99	11.09	10.98	12	0	
10	64QAM	25	0	11.08	11.24	11.09			
10	64QAM	25	12	11.01	11.16	10.95			
10	64QAM	25	25	10.95	11.04	11.00			
10	64QAM	50	0	11.08	11.19	11.08	12	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	11.09	11.16	10.99	12	0	
5	QPSK	1	12	11.01	11.05	10.97			
5	QPSK	1	24	10.95	10.98	10.94			
5	QPSK	12	0	11.04	11.11	11.11			
5	QPSK	12	7	10.87	11.09	11.03	12	0	
5	QPSK	12	13	10.80	11.02	10.86			
5	QPSK	25	0	11.00	11.07	10.90			
5	16QAM	1	0	10.94	10.92	10.87			
5	16QAM	1	12	10.91	11.08	10.89	12	0	
5	16QAM	1	24	10.80	10.94	10.85			
5	16QAM	12	0	11.14	11.25	11.21			
5	16QAM	12	7	10.97	11.02	10.92			
5	16QAM	12	13	11.05	11.15	11.00	12	0	
5	16QAM	25	0	11.02	11.08	11.11			
5	64QAM	1	0	10.84	10.90	10.90			
5	64QAM	1	12	10.95	11.08	11.07			
5	64QAM	1	24	10.98	11.08	10.94	12	0	
5	64QAM	12	0	11.11	11.16	11.09			
5	64QAM	12	7	11.01	11.10	10.97			
5	64QAM	12	13	10.91	11.11	10.99			
5	64QAM	25	0	11.07	11.18	11.02	12	0	

Band 41										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle 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	12	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	11.19	11.07	11.30	11.05	11.16	12	0
20	QPSK	1	49	11.08	11.06	11.21	11.12	11.17		
20	QPSK	1	99	11.10	10.99	11.13	11.03	11.03		
20	QPSK	50	24	11.15	11.21	11.25	11.17	11.21		
20	QPSK	50	50	10.99	11.04	11.13	11.03	11.01	12	0
20	QPSK	50	100	11.06	11.01	11.10	11.07	10.98		
20	QPSK	100	0	11.08	11.09	11.16	11.08	11.11		
20	16QAM	1	0	10.93	10.87	11.02	10.96	10.92	12	0
20	16QAM	1	49	11.07	11.14	11.20	11.15	11.06		
20	16QAM	1	99	11.09	11.10	11.13	11.03	11.02		
20	16QAM	50	0	11.19	11.17	11.27	11.19	11.16		
20	16QAM	50	24	11.02	11.08	11.14	11.10	11.08	12	0
20	16QAM	50	50	11.20	11.11	11.23	11.19	11.12		
20	16QAM	100	0	11.14	11.09	11.20	11.17	11.05		
20	64QAM	1	0	11.00	10.93	11.06	10.96	10.92	12	0
20	64QAM	1	49	11.04	11.01	11.15	11.09	11.08		
20	64QAM	1	99	11.08	11.11	11.22	11.08	11.17		
20	64QAM	50	0	11.15	11.24	11.28	11.25	11.23		
20	64QAM	50	24	11.09	11.07	11.13	10.99	11.03	12	0
20	64QAM	50	50	10.94	10.97	11.07	11.04	11.00		
20	64QAM	100	0	11.06	11.10	11.19	11.15	11.04		
Channel				39725	40173	40620	41068	41515	12	0
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	11.09	10.93	11.17	10.92	11.05	12	0
15	QPSK	1	37	10.93	11.02	11.10	10.99	11.08		
15	QPSK	1	74	10.98	10.85	10.99	10.92	10.90		
15	QPSK	36	0	11.07	11.13	11.12	11.04	11.17		
15	QPSK	36	20	10.87	10.96	10.98	10.89	10.94	12	0
15	QPSK	36	39	10.92	10.97	11.07	10.95	10.92		
15	QPSK	75	0	11.03	11.03	11.03	10.94	10.90		
15	16QAM	1	0	10.84	10.82	10.99	10.90	10.82	12	0
15	16QAM	1	37	11.03	11.07	11.13	11.02	10.98		
15	16QAM	1	74	10.96	11.07	11.07	10.97	10.96		
15	16QAM	36	0	11.04	11.08	11.20	11.08	11.09		
15	16QAM	36	20	10.92	10.94	10.99	10.94	10.94	12	0
15	16QAM	36	39	11.09	11.00	11.16	11.09	10.98		
15	16QAM	75	0	11.03	10.96	11.11	11.11	10.99		
15	64QAM	1	0	10.90	10.82	10.91	10.86	10.86	12	0
15	64QAM	1	37	10.98	10.90	11.11	10.99	11.01		
15	64QAM	1	74	11.04	10.97	11.16	10.95	11.03		
15	64QAM	36	0	11.11	11.17	11.15	11.15	11.17		
15	64QAM	36	20	10.95	11.01	11.03	10.96	10.91	12	0
15	64QAM	36	39	10.90	10.91	10.97	10.96	10.86		
15	64QAM	75	0	10.98	10.90	11.14	11.06	10.97		
Channel				39750	40160	40620	41080	41490	12	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	11.10	10.92	11.19	10.92	11.09	12	0
10	QPSK	1	25	10.94	10.95	11.10	10.88	11.09		
10	QPSK	1	49	10.99	10.91	11.06	10.99	10.96		
10	QPSK	25	0	11.10	11.14	11.13	11.07	11.08		
10	QPSK	25	12	10.96	10.96	11.10	10.94	10.96	12	0
10	QPSK	25	25	11.01	10.97	10.95	10.96	10.83		
10	QPSK	50	0	11.04	10.96	11.11	10.94	10.97		
10	16QAM	1	0	10.88	10.73	10.96	10.82	10.85	12	0
10	16QAM	1	25	10.95	11.01	11.11	11.04	11.03		
10	16QAM	1	49	10.95	11.04	11.09	10.96	10.96		
10	16QAM	25	0	11.06	11.08	11.23	11.11	11.01		
10	16QAM	25	12	10.98	10.99	11.06	10.98	10.99	12	0
10	16QAM	25	25	11.08	11.02	11.13	11.10	11.02		
10	16QAM	50	0	11.07	11.01	11.05	11.03	10.98		
10	64QAM	1	0	10.87	10.80	10.91	10.91	10.85	12	0
10	64QAM	1	25	11.01	11.05	11.07	10.95	10.96		
10	64QAM	1	49	10.98	11.03	11.18	10.97	11.13		
10	64QAM	25	0	11.01	11.11	11.22	11.21	11.09		
10	64QAM	25	12	11.04	11.01	11.01	10.86	10.92	12	0
10	64QAM	25	25	10.83	10.85	10.97	10.97	10.82		
10	64QAM	50	0	10.97	11.02	11.14	11.03	10.96		
Channel				39675	40148	40620	41093	41555	12	0
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	11.07	11.04	11.19	10.93	11.07	12	0
5	QPSK	1	12	10.94	10.95	11.17	10.97	11.12		
5	QPSK	1	24	10.96	10.94	11.17	10.94	10.96		
5	QPSK	12	0	11.00	11.18	11.20	11.05	11.16		
5	QPSK	12	7	10.89	10.91	10.98	10.96	10.95	12	0
5	QPSK	12	13	10.97	10.96	11.04	11.02	10.93		
5	QPSK	25	0	11.01	11.00	11.13	11.03	11.08		
5	16QAM	1	0	10.90	10.79	10.95	10.84	10.85	12	0
5	16QAM	1	12	10.93	11.04	11.07	11.02	10.96		
5	16QAM	1	24	11.06	10.95	11.04	10.92	10.98		
5	16QAM	12	0	11.15	11.08	11.15	11.15	11.12		
5	16QAM	12	7	10.98	10.95	11.06	11.06	10.94	12	0
5	16QAM	12	13	11.06	11.00	11.10	11.06	11.08		
5	64QAM	25	0	11.09	11.03	11.19	11.08	10.96		
5	64QAM	1	0	10.93	10.78	11.01	10.88	10.79	12	0
5	64QAM	1	12	11.00	10.91	11.11	10.99	10.97		
5	64QAM	1	24	10.94	10.97	11.16	11.00	11.13		
5	64QAM	12	0	11.03	11.18	11.24	11.17	11.14		
5	64QAM	12	7	10.99	10.94	10.96	10.93	10.92	12	0
5	64QAM	12	13	10.85	10.82	10.94	10.92	10.95		
5	64QAM	25	0	10.96	11.01	11.14	11.08	11.00		

2.4GHz WLAN				WIFI Ant For Full Power For Head SAR		WIFI Ant For Body SAR		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.27	19.00	16.06	18.00	99.31
		6	2437	17.33	19.00	16.19	18.00	
		11	2462	17.31	19.00	16.14	18.00	
	802.11g 6Mbps	1	2412	16.12	17.50	Not Required	17.50	96.97
		6	2437	16.19	17.50		17.50	
		11	2462	16.05	17.50		17.50	
	802.11n-HT20 MCS0	1	2412	15.49	17.00		17.00	96.24
		6	2437	15.58	17.00		17.00	
		11	2462	15.62	17.00		17.00	
	802.11n-HT40 MCS0	3	2422	15.50	17.00		17.00	93.71
		6	2437	15.42	17.00		17.00	
		9	2452	14.45	16.00		16.00	

5.2GHz WLAN				WIFI Ant For Full Power For Head SAR		WIFI Ant For Body SAR		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.93	17.50	Not Required	14.50	96.97
		40	5200	16.15	17.50		14.50	
		44	5220	16.09	17.50		14.50	
		48	5240	16.02	17.50		14.50	
		52	5260	14.96	16.50		14.50	
	802.11n-HT20 MCS0	36	5180	14.97	16.50		14.50	96.76
		40	5200	15.05	16.50		14.50	
		44	5220	14.99	16.50		14.50	
		48	5240	14.90	16.50		14.50	
		52	5260	14.81	16.50		14.50	
	802.11n-HT40 MCS0	36	5180	15.07	16.50		14.50	93.71
		40	5200	14.96	16.50		14.50	
		44	5220	15.02	16.50		14.50	
		48	5240	15.06	16.50		14.50	
		52	5260	14.81	16.50		14.50	
	802.11ac-VHT20 MCS0	36	5180	15.08	16.50		14.50	96.79
		40	5200	15.02	16.50		14.50	
		44	5220	15.02	16.50		14.50	
		48	5240	15.06	16.50		14.50	
		52	5260	14.81	16.50		14.50	
	802.11ac-VHT40 MCS0	36	5180	14.81	16.50		14.50	93.76
		40	5200	14.96	16.50		14.50	
		44	5220	15.02	16.50		14.50	
		48	5240	15.06	16.50		14.50	
		52	5260	14.81	16.50		14.50	
	802.11ac-VHT80 MCS0	42	5210	13.04	14.50	13.04	14.50	87.50

5.3GHz WLAN				WIFI Ant For Full Power For Head SAR		WIFI Ant For Body SAR		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5360	16.04	17.50	Not Required	14.50	96.97
		56	5380	16.27	17.50		14.50	
		60	5300	16.10	17.50		14.50	
		64	5320	16.07	17.50		14.50	
		52	5360	14.96	16.50		14.50	
	802.11n-HT20 MCS0	56	5380	15.05	16.50		14.50	96.76
		60	5300	15.09	16.50		14.50	
		64	5320	15.03	16.50		14.50	
		54	5270	15.03	16.50		14.50	
		60	5310	14.98	16.50		14.50	
	802.11n-HT40 MCS0	52	5360	15.03	16.50		14.50	93.71
		56	5380	15.08	16.50		14.50	
		60	5300	15.10	16.50		14.50	
		64	5320	15.06	16.50		14.50	
		54	5270	14.89	16.50		14.50	
	802.11ac-VHT20 MCS0	62	5310	15.02	16.50		14.50	93.76
		58	5290	13.02	14.50	13.02	14.50	

5.5GHz WLAN				WIFI Ant For Full Power For Head SAR		WIFI Ant For Body SAR		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.34	17.50	Not Required	14.00	96.97
		116	5580	16.30	17.50		14.00	
		124	5620	16.18	17.50		14.00	
		132	5660	16.23	17.50		14.00	
		140	5700	16.09	17.50		14.00	
		144	5720	16.18	17.50		14.00	
	802.11n-HT20 MCS0	100	5500	15.21	16.50		14.00	96.76
		116	5580	15.25	16.50		14.00	
		124	5620	15.02	16.50		14.00	
		132	5660	15.03	16.50		14.00	
		140	5700	14.99	16.50		14.00	
		144	5720	15.01	16.50		14.00	
	802.11n-HT40 MCS0	102	5510	15.14	16.50		14.00	93.71
		110	5550	15.09	16.50		14.00	
		126	5630	15.01	16.50		14.00	
		134	5670	15.08	16.50		14.00	
		142	5710	15.05	16.50		14.00	
		150	5550	15.25	16.50		14.00	
	802.11ac-VHT20 MCS0	116	5580	15.26	16.50		14.00	96.79
		124	5620	15.06	16.50		14.00	
		132	5660	15.24	16.50		14.00	
		140	5700	15.01	16.50		14.00	
		144	5720	15.09	16.50		14.00	
		102	5510	15.01	16.50		14.00	
	802.11ac-VHT40 MCS0	110	5550	15.03	16.50		14.00	93.76
		126	5630	14.86	16.50		14.00	
		134	5670	14.92	16.50		14.00	
		142	5710	14.86	16.50		14.00	
		150	5530	13.13	14.50	12.77	14.00	
		122	5610	13.04	14.50	12.85	14.00	
	802.11ac-VHT80 MCS0	138	5690	13.02	14.50	12.54	14.00	87.50

5.8GHz WLAN				WIFI Ant For Full Power For Head SAR		WIFI Ant For Body SAR		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.33	17.50	Not Required	14.00	96.97
		157	5785	16.29	17.50		14.00	
		165	5825	16.37	17.50		14.00	
	802.11n-HT20 MCS0	149	5745	15.11	16.50		14.00	96.76
		157	5785	15.05	16.50		14.00	
		165	5825	15.09	16.50		14.00	
	802.11n-HT40 MCS0	151	5755	15.16	16.50		14.00	93.71
		159	5795	15.03	16.50		14.00	
		149	5745	15.20	16.50		14.00	
	802.11ac-VHT20 MCS0	157	5785	15.16	16.50		14.00	96.79
		165	5825	15.25	16.50		14.00	
		151	5755	14.94	16.50		14.00	
	802.11ac-VHT40 MCS0	159	5795	15.07	16.50		14.00	93.76
		155	5775	13.06	14.50	12.63	14.00	

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.55	8.25	8.53
	CH 39	2441	10.25	8.20	8.22
	CH 78	2480	10.25	8.48	8.42
	Tune-up Limit		12.00	10.00	10.00

BLE 1M

BLE 1M			
Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	2.08
	CH 19	2440	2.89
	CH 39	2480	2.36
Tune-up Limit			3.50

BLE 2M

BLE_2M			
Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	1.97
	CH 19	2440	2.80
	CH 39	2480	2.33
Tune-up Limit			3.50