



REPORT No.: SZ21080257S01

Annex E Conducted Power

Conducted Power

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)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		30.55	30.57	30.61	31.00	21.55	21.57	21.61	22.00
GPRS 1 Tx slot		32.51	32.68	32.59	34.00	23.51	23.68	23.59	25.00
GPRS 2 Tx slots		30.31	30.43	30.39	31.00	24.31	24.43	24.39	25.00
GPRS 3 Tx slots		28.42	28.51	28.44	29.00	24.16	24.25	24.18	24.74
GPRS 4 Tx slots		26.16	26.25	26.19	27.00	23.16	23.25	23.19	24.00
EDGE 1 Tx slot		26.77	26.80	26.73	27.00	17.77	17.80	17.73	18.00
EDGE 2 Tx slots		26.59	26.63	26.57	27.00	20.59	20.63	20.57	21.00
EDGE 3 Tx slots		26.45	26.43	26.41	27.00	22.19	22.17	22.15	22.74
EDGE 4 Tx slots		26.27	26.24	26.21	27.00	23.27	23.24	23.21	24.00
Mode			Max.	32.68			Max.	24.43	
Attenuator		Cable Loss : 0.6							

GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		27.18	27.06	27.02	28.00	18.18	18.06	18.02	19.00
GPRS 1 Tx slot		30.22	30.24	30.21	31.00	21.22	21.24	21.21	22.00
GPRS 2 Tx slots		26.44	26.68	26.39	27.50	20.44	20.68	20.39	21.50
GPRS 3 Tx slots		25.21	25.53	25.23	26.00	20.95	21.27	20.97	21.74
GPRS 4 Tx slots		23.17	23.51	23.22	24.00	20.17	20.51	20.22	21.00
EDGE 1 Tx slot		25.31	25.44	25.29	26.00	16.31	16.44	16.29	17.00
EDGE 2 Tx slots		25.24	25.40	25.26	26.00	19.24	19.40	19.26	20.00
EDGE 3 Tx slots		25.03	25.26	25.11	26.00	20.77	21.00	20.85	21.74
EDGE 4 Tx slots		23.16	23.23	23.01	24.00	20.16	20.23	20.01	21.00
Mode			Max.	30.24			Max.	21.27	
Attenuator		Cable Loss : 0.8							
Date		2022.03.08							

Band		WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.26	22.55	22.37	23.00	21.51	21.61	21.55	22.00
3GPP Rel 6	HSDPA Subtest-1	22.45	22.35	22.25	23.00	21.22	21.46	21.34	22.00
3GPP Rel 6	HSDPA Subtest-2	22.19	21.94	21.80	22.50	21.23	21.21	21.31	22.00
3GPP Rel 6	HSDPA Subtest-3	22.29	22.03	21.92	22.50	20.92	20.92	21.01	21.50
3GPP Rel 6	HSDPA Subtest-4	22.02	21.73	21.61	22.50	20.83	20.82	20.91	21.50
3GPP Rel 6	HSUPA Subtest-1	22.13	21.89	21.77	22.50	21.42	21.34	21.39	22.00
3GPP Rel 6	HSUPA Subtest-2	22.22	21.95	21.80	22.50	21.39	21.28	21.34	22.00
3GPP Rel 6	HSUPA Subtest-3	22.04	21.83	21.73	22.50	21.40	21.32	21.28	22.00
3GPP Rel 6	HSUPA Subtest-4	22.21	21.96	21.87	22.50	21.35	21.23	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	22.08	21.87	21.76	22.50	21.39	21.29	21.29	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.95	21.82	21.79	22.50	21.26	21.24	21.22	22.00
Attenuator			Cable Loss	0.8			Cable Loss	0.6	
Mode			Max.	22.55			Max.	21.61	

Band 2 (1900MHz Band) Part 24F							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.25	23.27	23.19	
20	QPSK	1	49	23.05	23.12	23.11	24
20	QPSK	1	99	22.98	23.08	23.04	
20	QPSK	50	0	22.60	22.61	22.55	
20	QPSK	50	24	22.44	22.50	22.34	23
20	QPSK	50	50	22.12	22.14	22.25	
20	QPSK	100	0	22.22	22.46	22.34	
20	16QAM	1	0	22.47	22.50	22.48	23
20	16QAM	1	49	22.22	22.29	22.30	
20	16QAM	1	99	22.05	22.15	22.21	
20	16QAM	50	0	21.23	21.22	21.18	22
20	16QAM	50	24	21.11	21.18	21.16	
20	16QAM	50	50	21.12	21.17	21.15	
20	16QAM	100	0	21.21	21.24	21.21	22
20	64QAM	1	0	21.24	21.34	21.26	
20	64QAM	1	49	21.19	21.23	21.20	
20	64QAM	1	99	21.12	21.15	21.12	22
20	64QAM	50	0	21.23	21.23	21.20	
20	64QAM	50	24	21.20	21.24	21.25	
20	64QAM	50	50	21.13	21.29	21.20	22
20	64QAM	100	0	21.22	21.11	21.16	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.15	23.23	23.17	
15	QPSK	1	37	22.99	23.08	23.09	24
15	QPSK	1	74	22.92	23.04	23.02	
15	QPSK	36	0	22.09	21.97	22.08	
15	QPSK	36	20	21.93	22.01	22.07	23
15	QPSK	36	39	22.06	22.10	22.11	
15	QPSK	75	0	21.92	21.95	22.12	
15	16QAM	1	0	22.39	22.44	22.44	23
15	16QAM	1	37	22.14	22.23	22.26	
15	16QAM	1	74	21.97	22.09	22.17	
15	16QAM	36	0	21.15	21.16	21.14	22
15	16QAM	36	20	21.03	21.12	21.12	
15	16QAM	36	39	21.04	21.11	21.11	
15	16QAM	75	0	21.13	21.18	21.17	22
15	64QAM	1	0	21.18	21.30	21.24	
15	64QAM	1	37	21.13	21.19	21.18	
15	64QAM	1	74	21.06	21.11	21.10	22
15	64QAM	36	0	21.17	21.19	21.18	
15	64QAM	36	20	21.14	21.20	21.23	
15	64QAM	36	39	21.07	21.25	21.18	22
15	64QAM	75	0	21.16	21.12	21.14	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.18	23.22	23.16	
10	QPSK	1	25	22.98	23.07	23.08	24
10	QPSK	1	49	22.91	23.03	23.01	
10	QPSK	25	0	22.08	21.96	22.07	
10	QPSK	25	12	21.92	22.00	22.06	23
10	QPSK	25	25	22.05	22.09	22.10	
10	QPSK	50	0	21.91	21.94	22.11	
10	16QAM	1	0	22.38	22.43	22.43	23
10	16QAM	1	25	22.13	22.22	22.25	
10	16QAM	1	49	21.96	22.08	22.16	
10	16QAM	25	0	21.14	21.15	21.13	22
10	16QAM	25	12	21.02	21.11	21.11	
10	16QAM	25	25	21.03	21.10	21.10	
10	16QAM	50	0	21.12	21.17	21.16	22
10	64QAM	1	0	21.17	21.29	21.23	
10	64QAM	1	25	21.12	21.18	21.17	
10	64QAM	1	49	21.05	21.10	21.09	22
10	64QAM	25	0	21.18	21.18	21.17	
10	64QAM	25	12	21.13	21.19	21.22	
10	64QAM	25	25	21.06	21.24	21.17	22
10	64QAM	50	0	21.15	21.06	21.13	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.19	23.20	23.17	
5	QPSK	1	12	23.00	23.05	23.07	24
5	QPSK	1	24	22.93	23.01	23.00	
5	QPSK	12	0	22.10	21.94	22.06	
5	QPSK	12	7	21.94	21.98	22.05	23
5	QPSK	12	13	22.07	22.07	22.08	
5	QPSK	25	0	21.93	21.92	22.09	
5	16QAM	1	0	22.40	22.41	22.43	23
5	16QAM	1	12	22.15	22.20	22.25	
5	16QAM	1	24	21.98	22.06	22.16	
5	16QAM	12	0	21.16	21.13	21.13	22
5	16QAM	12	7	21.04	21.09	21.11	
5	16QAM	12	13	21.05	21.08	21.10	
5	16QAM	25	0	21.14	21.15	21.16	22
5	64QAM	1	0	21.19	21.27	21.23	
5	64QAM	1	12	21.14	21.16	21.15	
5	64QAM	1	24	21.07	21.08	21.09	22
5	64QAM	12	0	21.18	21.16	21.15	
5	64QAM	12	7	21.15	21.17	21.21	
5	64QAM	12	13	21.08	21.22	21.17	22
5	64QAM	25	0	21.17	21.04	21.09	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.21	23.25	23.17	
3	QPSK	1	8	23.01	23.10	23.08	24
3	QPSK	1	14	22.94	23.06	23.03	
3	QPSK	8	0	22.11	21.99	22.08	
3	QPSK	8	4	21.95	22.03	22.06	23
3	QPSK	8	7	22.08	22.12	22.08	
3	QPSK	15	0	21.94	21.97	22.07	
3	16QAM	1	0	22.39	22.44	22.42	23
3	16QAM	1	8	22.14	22.23	22.24	
3	16QAM	1	14	21.97	22.09	22.15	
3	16QAM	8	0	21.15	21.16	21.12	23
3	16QAM	8	4	21.03	21.12	21.10	

Band 4 (AWS Band) Part 271 (only on channel required)								
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)	
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.04	23.16	23.07		24
20	QPSK	1	49	23.04	23.08	23.03		
20	QPSK	1	99	23.01	23.01	22.98		
20	QPSK	50	0	22.35	22.51	22.45		
20	QPSK	50	24	22.37	22.36	22.38	23	
20	QPSK	50	50	22.36	22.32	22.35		
20	QPSK	100	0	22.26	22.42	22.31		
20	16QAM	1	0	22.54	22.62	22.71		
20	16QAM	1	49	22.38	22.48	22.53	23	
20	16QAM	1	99	22.35	22.52	22.48		
20	16QAM	50	0	21.19	21.27	21.29		
20	16QAM	50	24	21.13	21.12	21.16		
20	16QAM	50	50	21.03	21.08	21.10	22	
20	16QAM	100	0	21.10	21.17	21.13		
20	64QAM	1	0	21.49	21.22	21.31		
20	64QAM	1	49	21.30	21.18	21.22		
20	64QAM	1	99	21.13	21.14	21.15	22	
20	64QAM	50	0	21.17	21.22	21.19		
20	64QAM	50	24	21.13	21.16	21.17		
20	64QAM	50	50	21.10	21.11	21.13		
20	64QAM	100	0	21.09	21.10	21.12	22	
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.03	23.11	23.04		24
15	QPSK	1	37	23.03	23.03	23.00		
15	QPSK	1	74	23.00	22.96	22.95		
15	QPSK	36	0	22.00	22.12	22.08		
15	QPSK	36	20	22.02	22.49	22.53	23	
15	QPSK	36	39	22.01	22.45	22.50		
15	QPSK	75	0	21.91	22.55	22.46		
15	16QAM	1	0	22.53	22.57	22.68		
15	16QAM	1	37	22.35	22.41	22.48	23	
15	16QAM	1	74	22.32	22.45	22.43		
15	16QAM	36	0	21.16	21.20	21.24		
15	16QAM	36	20	21.10	21.05	21.11		
15	16QAM	36	39	21.00	21.01	21.05	22	
15	16QAM	75	0	21.07	21.10	21.08		
15	64QAM	1	0	21.48	21.17	21.28		
15	64QAM	1	37	21.29	21.13	21.19		
15	64QAM	1	74	21.12	21.09	21.12	22	
15	64QAM	36	0	21.16	21.17	21.16		
15	64QAM	36	20	21.12	21.11	21.14		
15	64QAM	36	39	21.09	21.06	21.10		
15	64QAM	75	0	21.08	21.05	21.09	22	
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.05	23.13	23.06		24
10	QPSK	1	25	23.03	23.05	23.02		
10	QPSK	1	49	23.01	22.98	22.97		
10	QPSK	25	0	22.00	22.14	22.10		
10	QPSK	25	12	22.04	21.99	22.03	23	
10	QPSK	25	25	22.01	21.95	22.00		
10	QPSK	50	0	21.92	22.05	21.96		
10	16QAM	1	0	22.53	22.59	22.70		
10	16QAM	1	25	22.37	22.45	22.52	23	
10	16QAM	1	49	22.34	22.49	22.47		
10	16QAM	25	0	21.18	21.24	21.28		
10	16QAM	25	12	21.12	21.09	21.15		
10	16QAM	25	25	21.02	21.05	21.09	22	
10	16QAM	50	0	21.09	21.14	21.12		
10	64QAM	1	0	21.51	21.22	21.33		
10	64QAM	1	25	21.32	21.18	21.24		
10	64QAM	1	49	21.15	21.14	21.17	22	
10	64QAM	25	0	21.19	21.22	21.21		
10	64QAM	25	12	21.15	21.26	21.19		
10	64QAM	25	25	21.12	21.11	21.15		
10	64QAM	50	0	21.11	21.10	21.14	22	
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.06	23.08	23.05		24
5	QPSK	1	12	23.06	23.00	23.01		
5	QPSK	1	24	23.03	22.93	22.96		
5	QPSK	12	0	22.02	22.08	22.08		
5	QPSK	12	7	22.56	22.45	22.53	23	
5	QPSK	12	13	22.55	22.41	22.50		
5	QPSK	25	0	22.45	22.51	22.46		
5	16QAM	1	0	22.55	22.53	22.68		
5	16QAM	1	12	22.39	22.39	22.50	23	
5	16QAM	1	24	22.36	22.43	22.45		
5	16QAM	12	0	21.22	21.20	21.28		
5	16QAM	12	7	21.16	21.05	21.15		
5	16QAM	12	13	21.06	21.01	21.09	22	
5	16QAM	25	0	21.13	21.10	21.12		
5	64QAM	1	0	21.52	21.15	21.30		
5	64QAM	1	12	21.33	21.11	21.21		
5	64QAM	1	24	21.16	21.07	21.14	22	
5	64QAM	12	0	21.20	21.15	21.18		
5	64QAM	12	7	21.16	21.09	21.16		
5	64QAM	12	13	21.13	21.04	21.12		
5	64QAM	25	0	21.12	21.03	21.11	22	
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.98	23.12	22.99		24
3	QPSK	1	8	22.98	23.04	22.95		
3	QPSK	1	14	22.95	22.97	22.90		
3	QPSK	8	0	22.47	22.65	22.55		
3	QPSK	8	4	22.49	22.50	22.48	23	
3	QPSK	8	7	22.48	22.46	22.45		
3	QPSK	15	0	22.38	22.56	22.41		
3	16QAM	1	0	22.48	22.58	22.63		
3	16QAM	1	8	22.32	22.44	22.45	23	
3	16QAM	1	14	22.29	22.48	22.40		
3	16QAM	8	0	21.13	21.23	21.23		
3	16QAM	8	4	21.07	21.08	21.10		23

3	16QAM	8	7	21.04	21.11	21.09	22
3	16QAM	15	0	21.13	21.18	21.15	
3	64QAM	1	0	21.20	21.32	21.24	22
3	64QAM	1	8	21.15	21.21	21.18	
3	64QAM	1	14	21.08	21.13	21.10	22
3	64QAM	8	0	21.19	21.21	21.18	
3	64QAM	8	4	21.16	21.22	21.23	22
3	64QAM	8	7	21.09	21.27	21.18	
3	64QAM	15	0	21.18	21.09	21.14	22
Channel				18607	18900	19193	
Frequency (MHz)				1850.7	1880	1909.3	Tune-up limit (dBm)
1.4	QPSK	1	0	23.18	23.24	23.14	24
1.4	QPSK	1	3	22.99	23.09	23.06	
1.4	QPSK	1	5	22.93	23.05	22.99	24
1.4	QPSK	3	0	22.06	22.03	22.05	
1.4	QPSK	3	1	22.01	22.02	22.04	24
1.4	QPSK	3	3	22.04	22.11	22.08	
1.4	QPSK	6	0	21.90	21.96	22.09	23
1.4	16QAM	1	0	22.38	22.45	22.41	
1.4	16QAM	1	3	22.13	22.24	22.23	23
1.4	16QAM	1	5	21.96	22.10	22.14	
1.4	16QAM	3	0	22.13	22.17	22.11	23
1.4	16QAM	3	1	22.04	22.13	22.09	
1.4	16QAM	3	3	22.03	22.12	22.08	22
1.4	16QAM	6	0	21.13	21.21	21.16	
1.4	64QAM	1	0	21.16	21.31	21.21	22
1.4	64QAM	1	3	21.12	21.20	21.15	
1.4	64QAM	1	5	21.06	21.12	21.07	22
1.4	64QAM	3	0	21.15	21.20	21.15	
1.4	64QAM	3	1	21.14	21.21	21.20	22
1.4	64QAM	3	3	21.08	21.26	21.15	
1.4	64QAM	6	0	21.13	21.08	21.11	22

3	16QAM	8	7	20.97	21.04	21.04	22
3	16QAM	15	0	21.04	21.13	21.07	
3	64QAM	1	0	21.43	21.18	21.25	22
3	64QAM	1	8	21.24	21.14	21.16	
3	64QAM	1	14	21.07	21.10	21.09	22
3	64QAM	8	0	21.11	21.18	21.13	
3	64QAM	8	4	21.07	21.12	21.11	22
3	64QAM	8	7	21.04	21.07	21.07	
3	64QAM	15	0	21.03	21.06	21.06	22
Channel				19957	20175	20393	
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)
1.4	QPSK	1	0	22.99	23.09	23.05	24
1.4	QPSK	1	3	22.99	23.01	23.03	
1.4	QPSK	1	5	22.96	22.94	22.99	24
1.4	QPSK	3	0	22.54	22.68	22.66	
1.4	QPSK	3	1	22.56	22.53	22.59	24
1.4	QPSK	3	3	22.55	22.49	22.58	
1.4	QPSK	6	0	21.86	22.00	21.95	23
1.4	16QAM	1	0	22.48	22.54	22.69	
1.4	16QAM	1	3	22.32	22.40	22.51	23
1.4	16QAM	1	5	22.29	22.44	22.46	
1.4	16QAM	3	0	22.13	22.19	22.27	23
1.4	16QAM	3	1	22.07	22.04	22.14	
1.4	16QAM	3	3	21.97	22.00	22.08	22
1.4	16QAM	6	0	21.04	21.09	21.11	
1.4	64QAM	1	0	21.45	21.16	21.31	22
1.4	64QAM	1	3	21.26	21.12	21.22	
1.4	64QAM	1	5	21.09	21.08	21.15	22
1.4	64QAM	3	0	21.13	21.16	21.19	
1.4	64QAM	3	1	21.09	21.10	21.17	22
1.4	64QAM	3	3	21.06	21.05	21.13	
1.4	64QAM	6	0	21.03	21.02	21.10	22

Band 5 (Celluar Band) Part 22H(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	24
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.28	23.50	23.31	
10	QPSK	1	25	23.19	23.36	23.24	
10	QPSK	1	49	23.11	23.38	23.15	23
10	QPSK	25	0	22.37	22.56	22.39	
10	QPSK	25	12	22.51	22.45	22.43	
10	QPSK	25	25	22.35	22.47	22.38	
10	QPSK	50	0	22.22	22.48	22.42	23
10	16QAM	1	0	22.35	22.26	22.29	
10	16QAM	1	25	22.21	22.24	22.25	
10	16QAM	1	49	21.97	22.14	22.19	
10	16QAM	25	0	21.47	21.26	21.33	22
10	16QAM	25	12	21.35	21.17	21.15	
10	16QAM	25	25	21.32	21.27	21.25	
10	16QAM	50	0	21.24	21.14	21.19	
10	64QAM	1	0	21.11	21.27	21.23	22
10	64QAM	1	25	21.14	21.26	21.19	
10	64QAM	1	49	21.08	21.46	21.17	
10	64QAM	25	0	21.13	21.30	21.25	
10	64QAM	25	12	21.23	21.24	21.19	22
10	64QAM	25	25	21.16	21.19	21.14	
10	64QAM	50	0	21.09	21.06	21.09	
Channel				20425	20525	20625	24
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.31	23.45	23.35	
5	QPSK	1	12	23.20	23.37	23.29	
5	QPSK	1	24	23.13	23.35	23.17	23
5	QPSK	12	0	22.12	22.18	22.14	
5	QPSK	12	7	22.31	22.20	22.18	
5	QPSK	12	13	22.10	22.22	22.13	
5	QPSK	25	0	22.30	22.09	22.17	23
5	16QAM	1	0	22.32	22.23	22.26	
5	16QAM	1	12	22.18	22.21	22.22	
5	16QAM	1	24	21.94	22.11	22.16	
5	16QAM	12	0	21.44	21.23	21.30	22
5	16QAM	12	7	21.32	21.14	21.12	
5	16QAM	12	13	21.29	21.24	21.22	
5	16QAM	25	0	21.21	21.11	21.16	
5	64QAM	1	0	21.14	21.30	21.26	22
5	64QAM	1	12	21.17	21.29	21.22	
5	64QAM	1	24	21.11	21.49	21.20	
5	64QAM	12	0	21.18	21.33	21.28	
5	64QAM	12	7	21.26	21.27	21.22	22
5	64QAM	12	13	21.19	21.22	21.17	
5	64QAM	25	0	21.12	21.09	21.12	
Channel				20415	20525	20635	24
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.24	23.42	23.25	
3	QPSK	1	8	23.15	23.28	23.18	
3	QPSK	1	14	23.07	23.30	23.09	23
3	QPSK	8	0	22.03	22.05	22.03	
3	QPSK	8	4	22.22	22.07	22.07	
3	QPSK	8	7	22.01	22.09	22.02	
3	QPSK	15	0	22.21	21.96	22.06	23
3	16QAM	1	0	22.33	22.20	22.25	
3	16QAM	1	8	22.19	22.18	22.21	
3	16QAM	1	14	21.95	22.08	22.15	
3	16QAM	8	0	21.45	21.20	21.29	22
3	16QAM	8	4	21.33	21.11	21.11	
3	16QAM	8	7	21.30	21.21	21.21	
3	16QAM	15	0	21.22	21.08	21.15	
3	64QAM	1	0	21.09	21.21	21.19	22
3	64QAM	1	8	21.12	21.20	21.15	
3	64QAM	1	14	21.06	21.40	21.13	
3	64QAM	8	0	21.11	21.24	21.21	
3	64QAM	8	4	21.21	21.18	21.15	22
3	64QAM	8	7	21.14	21.13	21.10	
3	64QAM	15	0	21.07	21.00	21.05	
Channel				20407	20525	20643	24
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.33	23.43	23.26	
1.4	QPSK	1	3	23.24	23.29	23.19	
1.4	QPSK	1	5	23.16	23.31	23.10	23
1.4	QPSK	3	0	22.12	22.06	22.04	
1.4	QPSK	3	1	22.31	22.08	22.08	
1.4	QPSK	3	3	22.10	22.10	22.03	
1.4	QPSK	6	0	22.33	22.00	22.10	23
1.4	16QAM	1	0	22.38	22.17	22.22	
1.4	16QAM	1	3	22.24	22.15	22.18	
1.4	16QAM	1	5	22.00	22.05	22.12	
1.4	16QAM	3	0	22.50	22.17	22.26	22
1.4	16QAM	3	1	22.38	22.08	22.08	
1.4	16QAM	3	3	22.35	22.18	22.18	
1.4	16QAM	6	0	21.29	21.07	21.14	
1.4	64QAM	1	0	21.16	21.20	21.18	22
1.4	64QAM	1	3	21.19	21.19	21.14	
1.4	64QAM	1	5	21.13	21.39	21.12	
1.4	64QAM	3	0	21.18	21.23	21.20	
1.4	64QAM	3	1	21.28	21.17	21.14	22
1.4	64QAM	3	3	21.21	21.12	21.09	
1.4	64QAM	6	0	21.15	21.00	21.05	

Band 7 (2600MHz Band) Part 27							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20850	21100	21350	24
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.94	23.16	23.08	
20	QPSK	1	49	22.93	23.08	23.02	
20	QPSK	1	99	23.03	22.91	23.00	23
20	QPSK	50	0	22.49	22.50	22.47	
20	QPSK	50	24	22.47	22.49	22.46	
20	QPSK	50	50	22.39	22.45	22.43	
20	QPSK	100	0	22.42	22.46	22.41	23
20	16QAM	1	0	22.47	22.21	22.39	
20	16QAM	1	49	22.27	22.09	22.31	
20	16QAM	1	99	22.54	22.25	22.23	
20	16QAM	50	0	21.63	21.69	21.68	22
20	16QAM	50	24	21.54	21.64	21.61	
20	16QAM	50	50	21.62	21.57	21.59	
20	16QAM	100	0	21.63	21.58	21.53	
20	64QAM	1	0	21.29	21.25	21.30	22
20	64QAM	1	49	21.08	21.28	21.27	
20	64QAM	1	99	21.13	21.26	21.25	
20	64QAM	50	0	21.09	21.12	21.13	
20	64QAM	50	24	21.17	21.08	21.09	22
20	64QAM	50	50	21.06	21.04	21.06	
20	64QAM	100	0	21.07	21.06	21.08	
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.87	23.09	23.01	24
15	QPSK	1	37	22.86	23.01	22.95	
15	QPSK	1	74	22.96	22.84	22.93	
15	QPSK	36	0	22.45	22.46	22.43	
15	QPSK	36	20	22.43	22.45	22.42	23
15	QPSK	36	39	22.55	22.41	22.39	
15	QPSK	75	0	22.38	22.46	22.37	
15	16QAM	1	0	22.49	22.23	22.41	
15	16QAM	1	37	22.29	22.11	22.33	23
15	16QAM	1	74	22.56	22.27	22.25	
15	16QAM	36	0	21.62	21.68	21.67	
15	16QAM	36	20	21.53	21.63	21.60	
15	16QAM	36	39	21.61	21.56	21.58	22
15	16QAM	75	0	21.62	21.57	21.52	
15	64QAM	1	0	21.28	21.24	21.29	
15	64QAM	1	37	21.07	21.27	21.26	
15	64QAM	1	74	21.12	21.25	21.24	22
15	64QAM	36	0	21.07	21.10	21.11	
15	64QAM	36	20	21.15	21.06	21.07	
15	64QAM	36	39	21.04	21.02	21.04	
15	64QAM	75	0	21.05	21.04	21.06	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.94	23.08	22.98	24
10	QPSK	1	25	22.93	23.00	22.92	
10	QPSK	1	49	23.03	22.83	22.90	
10	QPSK	25	0	22.52	22.45	22.40	
10	QPSK	25	12	22.50	22.44	22.39	23
10	QPSK	25	25	22.62	22.40	22.36	
10	QPSK	50	0	22.45	22.45	22.34	
10	16QAM	1	0	22.54	22.20	22.36	
10	16QAM	1	25	22.34	22.08	22.28	23
10	16QAM	1	49	22.42	22.24	22.20	
10	16QAM	25	0	21.67	21.65	21.62	
10	16QAM	25	12	21.58	21.60	21.55	
10	16QAM	25	25	21.66	21.53	21.53	22
10	16QAM	50	0	21.67	21.54	21.47	
10	64QAM	1	0	21.35	21.28	21.26	
10	64QAM	1	25	21.14	21.26	21.23	
10	64QAM	1	49	21.19	21.24	21.21	22
10	64QAM	25	0	21.14	21.09	21.08	
10	64QAM	25	12	21.22	21.05	21.04	
10	64QAM	25	25	21.11	21.01	21.01	
10	64QAM	50	0	21.12	21.03	21.03	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.90	23.10	22.95	24
5	QPSK	1	12	22.89	23.02	22.89	
5	QPSK	1	24	22.99	22.85	22.87	
5	QPSK	12	0	22.48	22.47	22.37	
5	QPSK	12	7	22.46	22.46	22.36	23
5	QPSK	12	13	22.58	22.42	22.33	
5	QPSK	25	0	22.41	22.47	22.31	
5	16QAM	1	0	22.52	22.24	22.35	
5	16QAM	1	12	22.32	22.12	22.27	23
5	16QAM	1	24	22.59	22.28	22.19	
5	16QAM	12	0	21.69	21.73	21.65	
5	16QAM	12	7	21.60	21.68	21.58	
5	16QAM	12	13	21.68	21.61	21.56	22
5	16QAM	25	0	21.69	21.62	21.50	
5	64QAM	1	0	21.35	21.29	21.27	
5	64QAM	1	12	21.14	21.32	21.24	
5	64QAM	1	24	21.19	21.30	21.22	22
5	64QAM	12	0	21.14	21.15	21.09	
5	64QAM	12	7	21.22	21.11	21.05	
5	64QAM	12	13	21.11	21.07	21.02	
5	64QAM	25	0	21.12	21.09	21.04	

2.4GHz WLAN

2.4GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	CH 1	2412	13.86	14.50	12	100.00
		CH 7	2442	9.40	10.00	12	
		CH 13	2472	10.32	11.00	12	
	802.11g 6Mbps	CH 1	2412	12.74	13.50	12	98.57
		CH 7	2442	10.70	11.50	12	
		CH 13	2472	9.41	10.00	12	
	802.11n-HT20 MCS0	CH 1	2412	11.16	12.00	12	98.47
		CH 7	2442	9.41	10.00	12	
		CH 13	2472	9.72	10.50	12	

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	4.67	2.75	2.76
	CH 39	2441	3.82	1.48	1.55
	CH 78	2480	1.85	-0.69	-0.63
Tune-up Limit			5.0	3.0	3.0
Duty Cycle %			77.07	77.07	76.8

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-3.41
	CH 19	2440	-4.14
	CH 39	2480	-5.84
Tune-up Limit			0.5
Duty Cycle %			62.4