



REPORT No.: SZ22010102S01

## Annex E Conducted Power

**Full Power**

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	33.32	33.27	33.31	34.00	24.32	24.27	24.31	25.00	0.13
GPRS 1 Tx slot	33.27	33.19	33.29	34.00	24.27	24.19	24.29	25.00	
GPRS 2 Tx slots	31.10	31.10	31.21	31.50	25.10	25.10	25.21	25.50	
GPRS 3 Tx slots	29.31	29.43	29.33	30.00	25.05	25.17	25.07	25.74	
GPRS 4 Tx slots	27.23	27.31	27.41	28.00	24.23	24.31	24.41	25.00	0.18
EDGE 1 Tx slot	26.26	26.49	26.35	27.00	17.26	17.49	17.35	18.00	0.23
EDGE 2 Tx slots	25.24	25.43	25.41	26.00	19.24	19.43	19.41	20.00	0.19
EDGE 3 Tx slots	23.12	23.44	23.00	24.00	18.86	19.18	18.74	19.74	0.44
EDGE 4 Tx slots	20.53	20.97	20.67	21.50	17.53	17.97	17.67	18.50	0.44
Mode		Max.	33.32			Max.	25.21		
Attenuator	Cable Loss : 0.6								

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	30.01	30.45	30.31	31.00	21.01	21.45	21.31	22.00	0.45
GPRS 1 Tx slot	30.00	30.41	30.45	31.00	21.00	21.41	21.45	22.00	
GPRS 2 Tx slots	28.16	28.15	28.18	28.50	22.16	22.15	22.18	22.50	
GPRS 3 Tx slots	26.73	26.74	26.70	27.50	22.47	22.48	22.44	23.24	
GPRS 4 Tx slots	24.74	24.73	24.75	25.50	21.74	21.73	21.75	22.50	0.02
EDGE 1 Tx slot	25.82	25.78	26.06	26.50	16.82	16.78	17.06	17.50	0.28
EDGE 2 Tx slots	24.03	24.26	24.41	25.00	18.03	18.26	18.41	19.00	0.38
EDGE 3 Tx slots	22.08	21.93	21.84	22.50	17.82	17.67	17.58	18.24	0.24
EDGE 4 Tx slots	19.76	19.77	19.86	21.50	16.76	16.77	16.86	18.50	0.10
Mode		Max.	30.45			Max.	22.48		
Attenuator	Cable Loss : 0.8								

Band TX Channel	WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band IV			Tune-up Limit (dBm)	WCDMA Band V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps	23.35	23.42	23.41	24.00	23.84	23.87	23.77	24.50	23.82	23.89	23.85	24.50
3GPP Rel 6 HSDPA Subtest-1	22.16	21.30	21.75	22.50	22.19	22.28	22.07	23.00	21.18	21.67	21.54	22.50
3GPP Rel 6 HSDPA Subtest-2	21.86	21.00	21.41	22.50	22.16	22.25	22.06	23.00	21.03	21.28	21.19	22.50
3GPP Rel 6 HSDPA Subtest-3	22.06	21.20	21.63	22.50	22.14	22.20	22.01	23.00	20.81	20.87	20.82	21.50
3GPP Rel 6 HSDPA Subtest-4	21.74	21.43	21.27	22.00	22.16	22.23	21.75	23.00	20.44	20.81	20.70	21.50
3GPP Rel 6 HSUPA Subtest-1	22.21	21.33	21.09	22.50	22.07	22.43	22.27	23.00	21.80	22.67	22.65	23.50
3GPP Rel 6 HSUPA Subtest-2	22.18	21.30	21.17	22.50	22.21	22.45	22.29	23.00	21.79	22.63	22.69	23.50
3GPP Rel 6 HSUPA Subtest-3	22.15	21.28	21.07	22.50	22.19	22.05	22.03	23.00	21.65	22.64	22.45	23.50
3GPP Rel 6 HSUPA Subtest-4	22.12	21.25	21.26	22.50	22.15	21.93	22.07	23.00	21.67	22.56	22.75	23.50
3GPP Rel 6 HSUPA Subtest-5	22.15	21.25	21.44	22.50	22.22	22.36	21.91	23.00	21.23	22.63	22.64	23.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	22.73	22.00	21.69	23.50	22.53	22.22	22.17	23.00	21.31	22.51	22.09	23.00
Attenuator		Cable Loss	0.8			Cable Loss	0.8			Cable Loss	0.6	
Mode		Max.	23.42			Max.	23.87			Max.	23.89	



3	16QAM	1	0	22.38	22.26	22.31	23	
3	16QAM	1	8	22.27	22.32	22.17		
3	16QAM	1	14	22.26	22.19	22.24		
3	16QAM	8	0	21.45	21.29	21.29	22	
3	16QAM	8	4	21.42	21.36	21.20		
3	16QAM	8	7	21.33	21.27	21.07		
3	16QAM	15	0	21.48	21.41	21.50	23	
3	64QAM	1	0	22.39	22.26	22.18		
3	64QAM	1	8	22.27	22.09	22.21		
3	64QAM	1	14	22.35	22.27	22.14	22	
3	64QAM	8	0	21.39	21.49	21.23		
3	64QAM	8	4	21.36	21.23	21.18		
3	64QAM	8	7	21.25	21.28	21.12		
3	64QAM	15	0	21.31	21.18	21.28	24	
Channel				18607	18900	19193		Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.24	23.26	23.20		
1.4	QPSK	1	3	23.08	23.23	23.13	23	
1.4	QPSK	1	5	23.05	23.14	23.17		
1.4	QPSK	3	0	22.19	22.28	22.33		
1.4	QPSK	3	1	22.28	22.20	22.04	23	
1.4	QPSK	3	3	22.17	22.23	22.06		
1.4	QPSK	6	0	22.30	22.33	22.34		
1.4	16QAM	1	0	22.35	22.32	22.32	23	
1.4	16QAM	1	3	22.24	22.38	22.18		
1.4	16QAM	1	5	22.18	22.20	22.30		
1.4	16QAM	3	0	21.37	21.30	21.35	22	
1.4	16QAM	3	1	21.34	21.37	21.26		
1.4	16QAM	3	3	21.25	21.28	21.13		
1.4	16QAM	6	0	21.45	21.42	21.51	23	
1.4	64QAM	1	0	22.36	22.27	22.19		
1.4	64QAM	1	3	22.24	22.10	22.22		
1.4	64QAM	1	5	22.32	22.33	22.15	22	
1.4	64QAM	3	0	21.36	21.55	21.34		
1.4	64QAM	3	1	21.33	21.29	21.19		
1.4	64QAM	3	3	21.22	21.34	21.13	22	
1.4	64QAM	6	0	21.36	21.32	21.42		

3	16QAM	1	0	22.86	22.82	22.82	23.5	
3	16QAM	1	8	22.75	22.62	22.72		
3	16QAM	1	14	22.76	22.55	22.65		
3	16QAM	8	0	21.62	21.61	21.64	22.5	
3	16QAM	8	4	21.84	21.57	21.61		
3	16QAM	8	7	21.88	21.50	21.49		
3	16QAM	15	0	21.57	21.51	21.49	23.5	
3	64QAM	1	0	22.67	22.60	22.95		
3	64QAM	1	8	22.60	22.61	22.79		
3	64QAM	1	14	22.54	22.68	22.71	22.5	
3	64QAM	8	0	21.75	21.63	21.61		
3	64QAM	8	4	21.72	21.66	21.56		
3	64QAM	8	7	21.64	21.56	21.65		
3	64QAM	15	0	21.58	21.50	21.50	24.5	
Channel				19957	20175	20393		Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.76	23.83	23.66		
1.4	QPSK	1	3	23.79	23.79	23.57	23.5	
1.4	QPSK	1	5	23.72	23.68	23.56		
1.4	QPSK	3	0	22.84	22.80	22.81		
1.4	QPSK	3	1	22.75	22.87	22.75	23.5	
1.4	QPSK	3	3	22.79	22.70	22.66		
1.4	QPSK	6	0	22.80	23.04	22.70		
1.4	16QAM	1	0	22.83	22.79	22.79	22.5	
1.4	16QAM	1	3	22.72	22.59	22.69		
1.4	16QAM	1	5	22.73	22.52	22.62		
1.4	16QAM	3	0	21.59	21.58	21.61	22.5	
1.4	16QAM	3	1	21.64	21.57	21.58		
1.4	16QAM	3	3	21.88	21.50	21.46		
1.4	16QAM	6	0	21.57	21.51	21.46	23.5	
1.4	64QAM	1	0	22.84	22.57	22.92		
1.4	64QAM	1	3	22.57	22.58	22.76		
1.4	64QAM	1	5	22.51	22.45	22.68	22.5	
1.4	64QAM	3	0	21.72	21.63	21.61		
1.4	64QAM	3	1	21.69	21.66	21.56		
1.4	64QAM	3	3	21.61	21.56	21.65	22.5	
1.4	64QAM	6	0	21.55	21.61	21.63		



Band 12 (700MHz Low Band)							
Part 27F(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23060	23095	23130	24.5
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.62	23.88	23.81	24.5
10	QPSK	1	25	23.61	23.81	23.79	
10	QPSK	1	49	23.58	23.75	23.73	
10	QPSK	25	0	22.70	22.69	22.71	23.5
10	QPSK	25	12	22.66	22.67	22.68	
10	QPSK	25	25	22.64	22.63	22.64	
10	QPSK	50	0	22.71	22.80	22.74	23.5
10	16QAM	1	0	23.04	23.10	23.06	
10	16QAM	1	25	22.95	23.02	22.98	
10	16QAM	1	49	22.89	22.96	22.91	23.5
10	16QAM	25	0	21.71	21.78	21.72	
10	16QAM	25	12	21.68	21.75	21.70	
10	16QAM	25	25	21.66	21.71	21.67	22.5
10	16QAM	50	0	21.74	21.83	21.76	
10	64QAM	1	0	22.67	22.74	22.69	
10	64QAM	1	25	22.63	22.69	22.66	23.5
10	64QAM	1	49	22.65	22.71	22.70	
10	64QAM	25	0	21.65	21.66	21.64	
10	64QAM	25	12	21.76	21.78	21.75	22.5
10	64QAM	25	25	21.72	21.79	21.74	
10	64QAM	50	0	21.73	21.70	21.72	
Channel				23035	23095	23155	24.5
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.53	23.65	23.61	24.5
5	QPSK	1	12	23.52	23.58	23.59	
5	QPSK	1	24	23.49	23.52	23.53	
5	QPSK	12	0	22.61	22.46	22.51	23.5
5	QPSK	12	7	22.57	22.44	22.48	
5	QPSK	12	13	22.55	22.40	22.44	
5	QPSK	25	0	22.62	22.57	22.54	23.5
5	16QAM	1	0	22.95	22.87	22.86	
5	16QAM	1	12	22.86	22.79	22.78	
5	16QAM	1	24	22.80	22.73	22.71	23.5
5	16QAM	12	0	21.62	21.55	21.52	
5	16QAM	12	7	21.59	21.52	21.50	
5	16QAM	12	13	21.57	21.48	21.47	22.5
5	16QAM	25	0	21.65	21.60	21.56	
5	64QAM	1	0	22.58	22.51	22.49	
5	64QAM	1	12	22.54	22.46	22.46	23.5
5	64QAM	1	24	22.56	22.48	22.50	
5	64QAM	12	0	21.56	21.43	21.44	
5	64QAM	12	7	21.67	21.55	21.55	22.5
5	64QAM	12	13	21.63	21.56	21.54	
5	64QAM	25	0	21.64	21.47	21.52	
Channel				23025	23095	23165	24.5
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.40	23.63	23.56	24.5
3	QPSK	1	8	23.39	23.56	23.54	
3	QPSK	1	14	23.36	23.50	23.48	
3	QPSK	8	0	22.48	22.44	22.46	23.5
3	QPSK	8	4	22.44	22.42	22.43	
3	QPSK	8	7	22.42	22.38	22.39	
3	QPSK	15	0	22.49	22.55	22.49	23.5
3	16QAM	1	0	22.82	22.85	22.81	
3	16QAM	1	8	22.73	22.77	22.73	
3	16QAM	1	14	22.67	22.71	22.66	23.5
3	16QAM	8	0	21.49	21.53	21.47	
3	16QAM	8	4	21.46	21.50	21.45	
3	16QAM	8	7	21.44	21.46	21.42	22.5
3	16QAM	15	0	21.52	21.58	21.51	
3	64QAM	1	0	22.45	22.49	22.44	
3	64QAM	1	8	22.41	22.44	22.41	23.5
3	64QAM	1	14	22.43	22.46	22.45	
3	64QAM	8	0	21.43	21.41	21.39	
3	64QAM	8	4	21.54	21.53	21.50	22.5
3	64QAM	8	7	21.50	21.54	21.49	
3	64QAM	15	0	21.51	21.45	21.47	
Channel				23017	23095	23173	24.5
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.39	23.64	23.56	24.5
1.4	QPSK	1	3	23.38	23.57	23.54	
1.4	QPSK	1	5	23.35	23.51	23.48	
1.4	QPSK	3	0	22.47	22.45	22.46	23.5
1.4	QPSK	3	1	22.43	22.43	22.43	
1.4	QPSK	3	3	22.41	22.39	22.39	
1.4	QPSK	6	0	22.48	22.56	22.49	23.5
1.4	16QAM	1	0	22.81	22.86	22.81	
1.4	16QAM	1	3	22.72	22.78	22.73	
1.4	16QAM	1	5	22.66	22.72	22.66	23.5
1.4	16QAM	3	0	21.48	21.54	21.47	
1.4	16QAM	3	1	21.45	21.51	21.45	
1.4	16QAM	3	3	21.43	21.47	21.42	22.5
1.4	16QAM	6	0	21.51	21.59	21.51	
1.4	64QAM	1	0	22.44	22.50	22.44	
1.4	64QAM	1	3	22.40	22.45	22.41	23.5
1.4	64QAM	1	5	22.42	22.47	22.45	
1.4	64QAM	3	0	21.42	21.42	21.39	
1.4	64QAM	3	1	21.53	21.54	21.50	23.5
1.4	64QAM	3	3	21.49	21.55	21.49	
1.4	64QAM	6	0	21.50	21.46	21.47	

Band 17 (700MHz Band)							
Part 27H(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				#REF!	#REF!	#REF!	24.5
Frequency (MHz)				#REF!	#REF!	#REF!	
10	QPSK	1	0	23.69	23.73	23.68	24.5
10	QPSK	1	25	23.69	23.71	23.67	
10	QPSK	1	49	23.63	23.66	23.62	
10	QPSK	25	0	22.39	22.51	22.56	23.5
10	QPSK	25	12	22.55	22.56	22.60	
10	QPSK	25	25	22.60	22.58	22.61	
10	QPSK	50	0	22.51	22.53	22.55	23.5
10	16QAM	1	0	22.87	22.90	22.88	
10	16QAM	1	25	22.89	22.91	22.90	
10	16QAM	1	49	22.77	22.80	22.82	23.5
10	16QAM	25	0	21.63	21.69	21.62	
10	16QAM	25	12	21.72	21.73	21.69	
10	16QAM	25	25	21.70	21.72	21.68	22.5
10	16QAM	50	0	21.60	21.53	21.58	
10	64QAM	1	0	22.46	22.54	22.47	
10	64QAM	1	25	22.56	22.55	22.53	23.5
10	64QAM	1	49	22.38	22.42	22.45	
10	64QAM	25	0	21.64	21.75	21.69	
10	64QAM	25	12	21.65	21.73	21.68	22.5
10	64QAM	25	25	21.57	21.70	21.66	
10	64QAM	50	0	21.52	21.48	21.49	
Channel				#REF!	#REF!	#REF!	24.5
Frequency (MHz)				#REF!	#REF!	#REF!	
5	QPSK	1	0	23.67	23.53	23.50	24.5
5	QPSK	1	12	23.67	23.51	23.49	
5	QPSK	1	24	23.61	23.46	23.44	
5	QPSK	12	0	22.55	22.49	22.56	23.5
5	QPSK	12	7	22.53	22.54	22.60	
5	QPSK	12	13	22.58	22.56	22.61	
5	QPSK	25	0	22.49	22.51	22.55	23.5
5	16QAM	1	0	22.85	22.88	22.88	
5	16QAM	1	12	22.87	22.89	22.90	
5	16QAM	1	24	22.75	22.78	22.82	23.5
5	16QAM	12	0	21.61	21.67	21.62	
5	16QAM	12	7	21.70	21.71	21.69	
5	16QAM	12	13	21.68	21.70	21.68	22.5
5	16QAM	25	0	21.58	21.51	21.58	
5	64QAM	1	0	22.46	22.52	22.47	
5	64QAM	1	12	22.54	22.53	22.53	23.5
5	64QAM	1	24	22.36	22.40	22.45	
5	64QAM	12	0	21.62	21.73	21.69	
5	64QAM	12	7	21.63	21.71	21.68	22.5
5	64QAM	12	13	21.55	21.68	21.66	
5	64QAM	25	0	21.50	21.46	21.49	

## Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.53	23.59	23.57	24
20	QPSK	1	49	23.38	23.37	23.33	
20	QPSK	1	99	23.31	23.30	23.33	
20	QPSK	50	0	22.47	22.54	22.50	23
20	QPSK	50	24	22.28	22.30	22.43	
20	QPSK	50	50	22.32	22.40	22.28	
20	QPSK	100	0	22.30	22.30	22.22	23
20	16QAM	1	0	22.11	21.87	22.15	
20	16QAM	1	49	22.16	21.90	21.96	
20	16QAM	1	99	22.16	22.34	22.13	23
20	16QAM	50	0	22.28	22.25	22.22	
20	16QAM	50	24	22.17	22.17	22.18	
20	16QAM	50	50	22.14	22.06	22.02	23
20	16QAM	100	0	22.10	22.13	22.19	
20	64QAM	1	0	21.43	21.20	21.53	
20	64QAM	1	49	21.20	21.53	21.52	22
20	64QAM	1	99	21.43	21.55	21.63	
20	64QAM	50	0	21.39	21.29	21.42	
20	64QAM	50	24	21.33	21.27	21.39	22
20	64QAM	50	50	21.35	21.23	21.29	
20	64QAM	100	0	21.34	21.34	21.32	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.51	23.55	23.53	24
15	QPSK	1	37	23.55	23.51	23.49	
15	QPSK	1	74	23.49	23.45	23.43	
15	QPSK	36	0	22.17	22.14	22.18	23
15	QPSK	36	20	22.17	22.09	22.19	
15	QPSK	36	39	22.03	22.08	22.05	
15	QPSK	75	0	22.12	22.16	22.09	23
15	16QAM	1	0	22.11	21.98	22.28	
15	16QAM	1	37	21.98	22.28	22.21	
15	16QAM	1	74	22.08	21.98	21.98	23
15	16QAM	36	0	22.29	22.29	22.20	
15	16QAM	36	20	22.32	22.31	22.37	
15	16QAM	36	39	22.24	22.39	22.33	23
15	16QAM	75	0	22.34	22.32	22.28	
15	64QAM	1	0	21.65	21.55	21.65	
15	64QAM	1	37	21.67	21.45	21.55	22
15	64QAM	1	74	21.32	21.58	21.65	
15	64QAM	36	0	21.44	21.43	21.56	
15	64QAM	36	20	21.54	21.50	21.51	22
15	64QAM	36	39	21.43	21.37	21.41	
15	64QAM	75	0	21.45	21.47	21.44	
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.54	23.54	23.55	24
10	QPSK	1	25	23.44	23.42	23.50	
10	QPSK	1	49	23.58	23.46	23.36	
10	QPSK	25	0	22.48	22.41	22.48	23
10	QPSK	25	12	22.45	22.64	22.42	
10	QPSK	25	25	22.41	22.37	22.29	
10	QPSK	50	0	22.49	22.34	22.53	23
10	16QAM	1	0	22.41	22.41	22.61	
10	16QAM	1	25	22.41	22.50	22.62	
10	16QAM	1	49	22.24	22.44	22.32	23
10	16QAM	25	0	22.25	22.42	22.30	
10	16QAM	25	12	22.24	22.44	22.35	
10	16QAM	25	25	22.15	22.20	22.20	23
10	16QAM	50	0	22.31	22.35	22.36	
10	64QAM	1	0	21.48	21.48	21.15	
10	64QAM	1	25	21.15	21.28	21.18	22
10	64QAM	1	49	21.15	21.15	21.15	
10	64QAM	25	0	21.48	21.46	21.48	
10	64QAM	25	12	21.47	21.51	21.55	22
10	64QAM	25	25	21.47	21.40	21.42	
10	64QAM	50	0	21.37	21.47	21.48	
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.43	23.46	23.51	24
5	QPSK	1	12	23.46	23.46	23.45	
5	QPSK	1	24	23.54	23.44	23.50	
5	QPSK	12	0	22.17	22.19	22.15	23
5	QPSK	12	7	22.19	22.27	22.20	
5	QPSK	12	13	22.05	22.11	22.12	
5	QPSK	25	0	22.15	22.16	22.15	23
5	16QAM	1	0	22.64	22.33	22.34	
5	16QAM	1	12	22.27	22.56	22.51	
5	16QAM	1	24	22.39	22.28	22.63	23
5	16QAM	12	0	22.28	22.39	22.35	
5	16QAM	12	7	22.45	22.37	22.49	
5	16QAM	12	13	22.36	22.30	22.37	23
5	16QAM	25	0	22.37	22.39	22.31	
5	64QAM	1	0	21.15	21.55	21.35	
5	64QAM	1	12	21.45	21.45	21.45	22
5	64QAM	1	24	21.28	21.32	21.28	
5	64QAM	12	0	21.52	21.27	21.48	
5	64QAM	12	7	21.60	21.19	21.50	22
5	64QAM	12	13	21.43	21.55	21.50	
5	64QAM	25	0	21.50	21.58	21.45	
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.50	23.41	23.40	24
3	QPSK	1	8	23.37	23.38	23.46	
3	QPSK	1	14	23.28	23.09	23.39	
3	QPSK	8	0	22.43	22.40	22.44	23
3	QPSK	8	4	22.38	22.30	22.40	
3	QPSK	8	7	22.24	22.29	22.26	
3	QPSK	15	0	22.33	22.37	22.30	

3	16QAM	1	0	22.02	22.43	22.19	23
3	16QAM	1	8	22.35	22.29	22.28	
3	16QAM	1	14	22.39	22.28	21.98	
3	16QAM	8	0	22.20	22.20	22.11	23
3	16QAM	8	4	22.23	22.22	22.28	
3	16QAM	8	7	22.15	22.30	22.24	
3	16QAM	15	0	22.25	22.23	22.19	22
3	64QAM	1	0	21.56	21.46	21.56	
3	64QAM	1	8	21.58	21.36	21.46	
3	64QAM	1	14	21.23	21.49	21.56	22
3	64QAM	8	0	21.35	21.34	21.47	
3	64QAM	8	4	21.45	21.41	21.42	
3	64QAM	8	7	21.34	21.28	21.32	22
3	64QAM	15	0	21.36	21.38	21.35	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.44	23.35	23.36	24
1.4	QPSK	1	3	23.50	23.52	23.52	
1.4	QPSK	1	5	23.42	23.30	23.46	
1.4	QPSK	3	0	23.41	23.34	23.41	
1.4	QPSK	3	1	23.38	23.44	23.35	
1.4	QPSK	3	3	23.39	23.35	23.27	
1.4	QPSK	6	0	22.46	22.31	22.50	23
1.4	16QAM	1	0	22.33	22.33	22.53	23
1.4	16QAM	1	3	22.33	22.42	22.54	
1.4	16QAM	1	5	22.16	22.36	22.24	
1.4	16QAM	3	0	22.11	22.08	22.34	
1.4	16QAM	3	1	22.20	22.10	22.22	
1.4	16QAM	3	3	22.21	22.22	22.16	
1.4	16QAM	6	0	22.10	22.01	22.02	23
1.4	64QAM	1	0	21.61	21.46	21.62	22
1.4	64QAM	1	3	21.34	21.43	21.43	
1.4	64QAM	1	5	21.31	21.31	21.42	
1.4	64QAM	3	0	21.40	21.38	21.40	
1.4	64QAM	3	1	21.39	21.43	21.47	
1.4	64QAM	3	3	21.39	21.32	21.34	
1.4	64QAM	6	0	21.29	21.39	21.40	22



## 2.4GHz WLAN ANT 1

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	9.89	10.50	10	98.21
		CH 7	2442	10.61	11.00	10	
		CH 13	2472	11.81	12.50	10	
	802.11g 6Mbps	CH 1	2412	8.96	9.50	10	91.67
		CH 7	2442	9.58	10.00	10	
		CH 13	2472	10.88	11.50	10	
	802.11n-HT20 MCS0	CH 1	2412	9.32	10.00	10	89.19
		CH 7	2442	10.00	10.50	10	
		CH 13	2472	11.18	11.50	10	
802.11n-HT40 MCS0	CH 1	2412	10.10	10.50	10	80.00	
	CH 7	2442	9.66	10.00	10		
	CH 13	2472	10.53	11.00	10		

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	-3.39	-4.24	-4.10
	CH 39	2441	-2.11	-2.96	-2.87
	CH 78	2480	-3.43	-4.29	-4.24
Tune-up Limit			0.5	0.5	0.5
Duty Cycle %			77.6	77.33	77.07

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-1.04
	CH 19	2440	-1.50
	CH 39	2480	-2.56
Tune-up Limit			0.5
Duty Cycle %			31.89