



REPORT No.: SZ23030238S01

Annex B Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Conducted Power

GSM850	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		
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6		
GPRS 1 Tx slot	30.65	30.72	30.61	31.50	21.65	21.72	21.61	22.50	0.11
GPRS 2 Tx slots	27.69	27.74	27.66	28.50	21.69	21.74	21.66	22.50	0.08
GPRS 3 Tx slots	25.58	25.60	25.53	26.50	21.32	21.34	21.27	22.24	0.07
GPRS 4 Tx slots	24.13	24.20	24.09	25.00	21.13	21.20	21.09	22.00	0.11
EDGE 1 Tx slot	25.04	25.12	25.07	26.00	16.04	16.12	16.07	17.00	0.08
EDGE 2 Tx slots	22.30	22.36	22.31	23.00	16.30	16.36	16.31	17.00	0.06
EDGE 3 Tx slots	20.19	20.32	20.25	21.00	15.93	16.06	15.99	16.74	0.13
EDGE 4 Tx slots	18.67	18.79	18.72	19.50	15.67	15.79	15.72	16.50	0.12
Mode		Max.	30.72			Max.	21.74		
Attenuator	Cable Loss : 0.8								

GSM1900	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		
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GPRS 1 Tx slot	27.70	27.85	27.68	28.50	18.70	18.85	18.68	19.50	0.17
GPRS 2 Tx slots	24.73	24.90	24.77	25.50	18.73	18.90	18.77	19.50	0.17
GPRS 3 Tx slots	22.65	22.83	22.69	23.50	18.39	18.57	18.43	19.24	0.18
GPRS 4 Tx slots	21.26	21.32	21.24	22.00	18.26	18.32	18.24	19.00	0.08
EDGE 1 Tx slot	23.19	23.26	23.15	24.00	14.19	14.26	14.15	15.00	0.11
EDGE 2 Tx slots	20.64	20.71	20.60	21.50	14.64	14.71	14.60	15.50	0.11
EDGE 3 Tx slots	18.62	18.68	18.56	19.50	14.36	14.42	14.30	15.24	0.12
EDGE 4 Tx slots	17.07	17.14	17.05	18.00	14.07	14.14	14.05	15.00	0.09
Mode		Max.	27.85			Max.	18.90		
Attenuator	Cable Loss : 0.8								

Band	WCDMA Band II (dBm)			Tune-up Limit (dBm)	WCDMA Band IV (dBm)			Tune-up Limit (dBm)	WCDMA Band V (dBm)			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	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	21.61	22.55	21.58	23.00	22.85	22.91	22.88	23.50	21.56	21.80	21.55	22.50
3GPP Rel 6	HSDPA Subtest-1	20.61	21.89	20.58	22.50	20.80	21.28	20.44	22.00	20.27	20.35	20.36	21.00
3GPP Rel 6	HSDPA Subtest-2	20.70	21.81	20.58	22.50	20.94	21.38	20.53	22.00	20.42	20.48	20.48	21.00
3GPP Rel 6	HSDPA Subtest-3	20.24	21.36	20.23	22.00	20.49	20.92	20.08	21.50	19.92	19.96	19.99	20.50
3GPP Rel 6	HSDPA Subtest-4	20.26	21.38	20.25	22.00	20.50	20.94	20.10	21.50	19.93	20.00	20.02	20.50
3GPP Rel 6	HSUPA Subtest-1	20.85	21.79	20.70	22.50	20.60	21.19	20.54	22.00	20.39	20.39	20.27	21.00
3GPP Rel 6	HSUPA Subtest-2	20.08	21.37	20.65	22.00	20.08	20.65	19.98	21.50	19.69	19.73	19.61	20.50
3GPP Rel 6	HSUPA Subtest-3	20.80	21.75	20.75	22.50	20.64	21.25	20.55	22.00	20.43	20.46	20.35	21.00
3GPP Rel 6	HSUPA Subtest-4	20.83	21.85	20.64	22.50	20.55	21.08	20.41	22.00	20.20	20.27	20.15	21.00
3GPP Rel 6	HSUPA Subtest-5	20.90	21.76	20.70	22.50	20.60	21.20	20.48	22.00	20.35	20.42	20.30	21.00
Attenuator		Cable Loss	0.6			Cable Loss	0.8			Cable Loss	0.6		
Mode		Max.	22.55			Max.	22.91			Max.	21.80		



3	QPSK	15	0	20.50	20.65	20.67	21.5
3	16QAM	1	0	20.73	20.86	20.62	
3	16QAM	1	8	20.67	20.64	20.69	
3	16QAM	1	14	20.52	20.60	20.48	20.5
3	16QAM	8	0	19.87	19.97	19.92	
3	16QAM	8	4	19.92	19.83	19.65	
3	16QAM	8	7	19.87	19.65	19.93	21.5
3	16QAM	15	0	19.93	19.82	19.76	
3	64QAM	1	0	20.63	20.74	20.69	
3	64QAM	1	8	20.71	20.57	20.78	20.5
3	64QAM	1	14	20.69	20.80	20.85	
3	64QAM	8	0	19.78	19.79	19.85	
3	64QAM	8	4	19.56	19.75	19.81	21.5
3	64QAM	8	7	19.64	19.87	19.75	
3	64QAM	15	0	19.83	19.74	19.80	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.56	21.61	21.53	22.5
1.4	QPSK	1	3	21.54	21.53	21.52	
1.4	QPSK	1	5	21.51	21.41	21.44	
1.4	QPSK	3	0	20.69	20.86	20.64	
1.4	QPSK	3	1	20.55	20.89	20.77	
1.4	QPSK	3	3	20.53	20.71	20.53	
1.4	QPSK	6	0	20.72	20.70	20.63	21.5
1.4	16QAM	1	0	20.69	20.65	20.67	21.5
1.4	16QAM	1	3	20.68	20.56	20.58	
1.4	16QAM	1	5	20.64	20.52	20.45	
1.4	16QAM	3	0	19.82	19.96	19.73	
1.4	16QAM	3	1	19.97	19.87	19.80	
1.4	16QAM	3	3	19.60	19.76	19.67	
1.4	16QAM	6	0	19.80	19.79	19.79	20.5
1.4	64QAM	1	0	20.80	20.73	20.74	21.5
1.4	64QAM	1	3	20.59	20.69	20.58	
1.4	64QAM	1	5	20.75	20.64	20.61	
1.4	64QAM	3	0	19.84	19.83	19.73	
1.4	64QAM	3	1	19.56	19.85	19.54	
1.4	64QAM	3	3	19.72	19.80	19.75	
1.4	64QAM	6	0	19.85	19.89	19.66	20.5

3	QPSK	15	0	19.76	19.70	19.69	20.5
3	16QAM	1	0	19.84	19.74	19.74	
3	16QAM	1	8	19.62	19.63	19.67	
3	16QAM	1	14	19.63	19.77	19.64	19.5
3	16QAM	8	0	18.87	18.94	18.88	
3	16QAM	8	4	18.88	18.91	18.80	
3	16QAM	8	7	18.93	18.84	18.77	20.5
3	16QAM	15	0	18.86	18.90	18.87	
3	64QAM	1	0	19.80	19.98	19.72	
3	64QAM	1	8	19.86	19.73	19.89	19.5
3	64QAM	1	14	19.94	19.89	19.85	
3	64QAM	8	0	18.90	18.95	18.77	
3	64QAM	8	4	18.76	18.78	18.88	20.5
3	64QAM	8	7	18.71	18.90	18.61	
3	64QAM	15	0	18.83	18.94	18.80	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.61	20.71	20.69	21.5
1.4	QPSK	1	3	20.63	20.60	20.60	
1.4	QPSK	1	5	20.57	20.58	20.54	
1.4	QPSK	3	0	19.78	19.86	19.80	
1.4	QPSK	3	1	19.77	19.82	19.75	
1.4	QPSK	3	3	19.52	19.56	19.57	
1.4	QPSK	6	0	19.71	19.73	19.81	20.5
1.4	16QAM	1	0	19.69	19.74	19.79	20.5
1.4	16QAM	1	3	19.64	19.60	19.57	
1.4	16QAM	1	5	19.72	19.74	19.62	
1.4	16QAM	3	0	18.95	18.84	18.87	
1.4	16QAM	3	1	18.87	18.99	18.98	
1.4	16QAM	3	3	18.80	18.96	18.76	
1.4	16QAM	6	0	18.97	18.79	18.94	19.5
1.4	64QAM	1	0	19.84	19.78	19.79	20.5
1.4	64QAM	1	3	19.59	19.76	19.73	
1.4	64QAM	1	5	19.94	19.73	19.93	
1.4	64QAM	3	0	18.90	18.86	18.77	
1.4	64QAM	3	1	18.81	18.72	18.72	
1.4	64QAM	3	3	18.75	18.87	18.85	
1.4	64QAM	6	0	18.74	18.94	18.88	19.5



Band 17 (700MHz Band) (dBm) Part 27H(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.17	21.30	21.14	22
10	QPSK	1	25	21.19	21.15	21.06	
10	QPSK	1	49	21.04	21.18	21.18	
10	QPSK	25	0	20.08	20.31	20.26	21
10	QPSK	25	12	20.21	20.22	19.98	
10	QPSK	25	25	20.03	20.27	20.01	
10	QPSK	50	0	20.11	20.27	20.03	21
10	16QAM	1	0	20.04	20.17	20.17	
10	16QAM	1	25	19.92	20.07	20.22	
10	16QAM	1	49	19.90	19.91	20.03	20
10	16QAM	25	0	19.10	19.27	19.00	
10	16QAM	25	12	19.25	19.35	19.26	
10	16QAM	25	25	19.06	19.11	19.29	21
10	16QAM	50	0	19.36	19.50	19.32	
10	64QAM	1	0	20.30	20.25	20.17	
10	64QAM	1	25	20.14	20.14	20.11	21
10	64QAM	1	49	20.14	20.11	20.13	
10	64QAM	25	0	19.10	19.18	19.23	
10	64QAM	25	12	19.14	19.16	19.24	20
10	64QAM	25	25	18.94	19.14	19.11	
10	64QAM	50	0	18.93	19.04	19.09	
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.17	21.25	21.14	22
5	QPSK	1	12	21.21	21.16	21.15	
5	QPSK	1	24	21.13	21.16	21.20	
5	QPSK	12	0	20.12	20.33	20.22	21
5	QPSK	12	7	20.05	20.33	20.13	
5	QPSK	12	13	20.10	20.14	20.10	
5	QPSK	25	0	19.95	20.25	20.14	21
5	16QAM	1	0	20.14	20.13	20.09	
5	16QAM	1	12	19.95	20.13	20.22	
5	16QAM	1	24	20.08	20.11	19.97	20
5	16QAM	12	0	19.06	19.28	19.14	
5	16QAM	12	7	19.24	19.20	19.28	
5	16QAM	12	13	18.99	18.97	19.29	21
5	16QAM	25	0	19.21	19.23	19.30	
5	64QAM	1	0	20.06	20.07	20.21	
5	64QAM	1	12	20.18	20.07	19.96	21
5	64QAM	1	24	20.21	20.09	20.03	
5	64QAM	12	0	19.19	19.20	19.15	
5	64QAM	12	7	19.02	19.16	19.03	20
5	64QAM	12	13	18.92	18.93	18.96	
5	64QAM	25	0	18.92	19.05	19.18	

Band 18 (835MHz Band) (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23925	23925	23950	
Frequency (MHz)				822.5	822.5	825	
15	QPSK	1	0		21.12		22
15	QPSK	1	37		21.06		
15	QPSK	1	74		21.01		
15	QPSK	36	0		20.34		21
15	QPSK	36	20		20.22		
15	QPSK	36	39		20.09		
15	QPSK	75	0		20.11		21
15	16QAM	1	0		20.10		
15	16QAM	1	37		20.06		
15	16QAM	1	74		20.04		20
15	16QAM	36	0		19.16		
15	16QAM	36	20		19.13		
15	16QAM	36	39		19.10		21
15	16QAM	75	0		19.24		
15	64QAM	1	0		20.07		
15	64QAM	1	25		20.05		21
15	64QAM	1	49		20.04		
15	64QAM	25	0		19.11		
15	64QAM	25	12		19.16		20
15	64QAM	25	25		19.02		
15	64QAM	50	0		19.08		
Channel				23900	23925	23950	
Frequency (MHz)				820	822.5	825	
10	QPSK	1	0	21.08	21.10	21.06	22
10	QPSK	1	25	21.05	20.88	20.94	
10	QPSK	1	49	20.95	20.88	20.96	
10	QPSK	25	0	20.16	20.27	19.97	21
10	QPSK	25	12	20.06	20.13	19.86	
10	QPSK	25	25	19.96	19.95	19.99	
10	QPSK	50	0	19.82	19.88	19.86	21
10	16QAM	1	0	19.99	20.06	20.11	
10	16QAM	1	25	19.89	19.81	20.04	
10	16QAM	1	49	19.74	19.91	19.84	20
10	16QAM	25	0	19.13	19.14	19.07	
10	16QAM	25	12	18.91	19.02	19.04	
10	16QAM	25	25	18.95	19.06	18.99	21
10	16QAM	50	0	19.27	19.08	19.03	
10	64QAM	1	0	19.99	20.10	20.18	
10	64QAM	1	25	19.82	20.13	20.06	21
10	64QAM	1	49	20.06	19.90	20.11	
10	64QAM	25	0	19.07	19.12	18.98	
10	64QAM	25	12	19.02	19.19	19.04	20
10	64QAM	25	25	19.12	18.93	19.05	
10	64QAM	50	0	19.01	19.05	19.01	
Channel				23875	23925	23975	
Frequency (MHz)				817.5	822.5	827.5	
5	QPSK	1	0	21.03	21.07	21.06	22
5	QPSK	1	12	20.95	20.95	21.00	
5	QPSK	1	24	20.76	20.95	20.90	
5	QPSK	12	0	20.10	20.24	20.04	21
5	QPSK	12	7	20.10	20.09	20.04	
5	QPSK	12	13	19.80	20.07	19.75	
5	QPSK	25	0	19.77	19.95	19.74	21
5	16QAM	1	0	20.08	20.05	20.11	
5	16QAM	1	12	19.86	19.81	19.98	
5	16QAM	1	24	19.86	19.98	19.98	20
5	16QAM	12	0	18.91	19.19	18.91	
5	16QAM	12	7	19.09	19.20	19.16	
5	16QAM	12	13	19.10	19.00	18.98	21
5	16QAM	25	0	19.12	19.21	19.20	
5	64QAM	1	0	20.15	20.11	20.09	
5	64QAM	1	12	19.78	20.05	19.82	20
5	64QAM	1	24	20.15	19.98	20.11	
5	64QAM	12	0	19.19	18.95	19.10	
5	64QAM	12	7	19.01	19.12	19.02	20
5	64QAM	12	13	18.92	18.81	18.94	
5	64QAM	25	0	18.90	18.85	18.89	



3	QPSK	15	0	20.85	21.07	20.70	22
3	16QAM	1	0	21.14	21.01	21.13	
3	16QAM	1	8	20.81	20.92	21.04	
3	16QAM	1	14	21.04	20.81	20.97	21
3	16QAM	8	0	20.09	20.34	20.12	
3	16QAM	8	4	20.29	20.28	20.18	
3	16QAM	8	7	20.05	20.08	20.14	
3	16QAM	15	0	20.37	20.24	20.31	
3	64QAM	1	0	21.14	21.15	21.25	22
3	64QAM	1	8	21.04	21.22	21.13	
3	64QAM	1	14	21.17	21.06	21.20	
3	64QAM	8	0	20.07	20.01	20.09	21
3	64QAM	8	4	20.23	20.27	19.99	
3	64QAM	8	7	20.01	20.11	19.95	
3	64QAM	15	0	20.08	19.98	20.16	
Channel				26047	26365	26683	
Frequency (MHz)				1850.7	1882.5	1914.3	
1.4	QPSK	1	0	22.12	22.18	22.08	23
1.4	QPSK	1	3	22.10	22.02	22.01	
1.4	QPSK	1	5	22.02	22.12	22.11	
1.4	QPSK	3	0	21.11	21.34	21.04	
1.4	QPSK	3	1	21.05	21.06	21.00	
1.4	QPSK	3	3	21.08	21.03	21.04	
1.4	QPSK	6	0	21.04	21.20	20.93	22
1.4	16QAM	1	0	21.07	21.16	21.26	21
1.4	16QAM	1	3	21.08	21.12	21.18	
1.4	16QAM	1	5	21.13	21.01	21.00	
1.4	16QAM	3	0	20.07	20.13	20.09	
1.4	16QAM	3	1	20.05	20.28	20.08	
1.4	16QAM	3	3	20.08	20.01	20.11	
1.4	16QAM	6	0	20.21	20.30	20.24	20
1.4	64QAM	1	0	21.06	21.09	21.30	22
1.4	64QAM	1	3	21.02	21.15	21.04	
1.4	64QAM	1	5	21.22	21.00	21.19	
1.4	64QAM	3	0	20.10	20.14	19.96	
1.4	64QAM	3	1	20.01	20.13	20.02	
1.4	64QAM	3	3	19.92	20.00	19.89	
1.4	64QAM	6	0	19.90	19.96	19.98	21



1.4	QPSK	6	0	20.97	21.04	20.96	22
1.4	16QAM	1	0	21.11	21.03	21.03	22
1.4	16QAM	1	3	20.87	20.92	21.20	
1.4	16QAM	1	5	20.90	20.93	20.88	
1.4	16QAM	3	0	20.17	20.32	20.10	
1.4	16QAM	3	1	20.17	20.33	20.18	
1.4	16QAM	3	3	20.07	20.06	20.17	
1.4	16QAM	6	0	20.46	20.35	20.15	21
1.4	64QAM	1	0	21.22	21.12	21.30	22
1.4	64QAM	1	3	21.08	20.99	20.97	
1.4	64QAM	1	5	21.27	21.11	21.24	
1.4	64QAM	3	0	20.12	20.11	20.15	
1.4	64QAM	3	1	20.03	20.15	20.20	
1.4	64QAM	3	3	19.88	19.90	19.82	
1.4	64QAM	6	0	19.86	20.05	20.12	21



3	QPSK	15	0	19.40	19.66	19.65	20.5
3	16QAM	1	0	19.72	19.80	19.73	
3	16QAM	1	8	19.67	19.65	19.57	
3	16QAM	1	14	19.73	19.47	19.47	19.5
3	16QAM	8	0	18.85	18.83	18.67	
3	16QAM	8	4	18.72	18.67	18.85	
3	16QAM	8	7	18.63	18.58	18.82	20.5
3	16QAM	15	0	18.76	18.98	18.71	
3	64QAM	1	0	19.85	19.78	19.75	
3	64QAM	1	8	19.59	19.56	19.59	19.5
3	64QAM	1	14	19.92	19.82	19.76	
3	64QAM	8	0	18.79	18.69	18.72	
3	64QAM	8	4	18.67	18.78	18.79	20.5
3	64QAM	8	7	18.61	18.58	18.61	
3	64QAM	15	0	18.60	18.70	18.82	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.74	20.77	20.76	21.5
1.4	QPSK	1	3	20.67	20.54	20.54	
1.4	QPSK	1	5	20.65	20.74	20.74	
1.4	QPSK	3	0	19.86	19.75	19.64	
1.4	QPSK	3	1	19.81	19.65	19.56	
1.4	QPSK	3	3	19.63	19.67	19.57	
1.4	QPSK	6	0	19.66	19.83	19.62	20.5
1.4	16QAM	1	0	19.86	19.72	19.67	20.5
1.4	16QAM	1	3	19.68	19.60	19.54	
1.4	16QAM	1	5	19.57	19.56	19.50	
1.4	16QAM	3	0	18.60	18.87	18.70	
1.4	16QAM	3	1	18.86	18.84	18.56	
1.4	16QAM	3	3	18.62	18.61	18.79	
1.4	16QAM	6	0	18.88	18.76	18.66	19.5
1.4	64QAM	1	0	19.82	19.65	19.97	20.5
1.4	64QAM	1	3	19.62	19.73	19.73	
1.4	64QAM	1	5	19.64	19.61	19.69	
1.4	64QAM	3	0	18.63	18.64	18.74	
1.4	64QAM	3	1	18.75	18.69	18.63	
1.4	64QAM	3	3	18.65	18.56	18.59	
1.4	64QAM	6	0	18.45	18.65	18.66	19.5

Band 40 (2.3G Band-2) (dBm)							
Part 27D-2 2350MHz ~ 2360MHz							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				39200			
Frequency (MHz)				2355			
10	QPSK	1	0	20.56			21.5
10	QPSK	1	25	20.53			
10	QPSK	1	49	20.50			
10	QPSK	25	0	19.61			20.5
10	QPSK	25	12	19.55			
10	QPSK	25	25	19.57			
10	QPSK	50	0	19.54			20.5
10	16QAM	1	0	19.54			
10	16QAM	1	25	19.56			
10	16QAM	1	49	19.58			19.5
10	16QAM	25	0	18.64			
10	16QAM	25	12	18.53			
10	16QAM	25	25	18.54			19.5
10	16QAM	50	0	18.57			
10	64QAM	1	0	19.63			
10	64QAM	1	25	19.61			20.5
10	64QAM	1	49	19.57			
10	64QAM	25	0	18.60			
10	64QAM	25	12	18.42			19.5
10	64QAM	25	25	18.48			
10	64QAM	50	0	18.51			
Channel				39175	39200	39225	Tune-up limit (dBm)
Frequency (MHz)				2352.5	2355	2357.5	
5	QPSK	1	0	20.53	20.53	20.48	21.5
5	QPSK	1	12	20.51	20.42	20.50	
5	QPSK	1	24	20.40	20.45	20.41	
5	QPSK	12	0	19.59	19.57	19.57	20.5
5	QPSK	12	7	19.51	19.65	19.28	
5	QPSK	12	13	19.35	19.39	19.33	
5	QPSK	25	0	19.44	19.57	19.43	20.5
5	16QAM	1	0	19.61	19.64	19.55	
5	16QAM	1	12	19.34	19.40	19.43	
5	16QAM	1	24	19.40	19.31	19.57	19.5
5	16QAM	12	0	18.52	18.64	18.55	
5	16QAM	12	7	18.52	18.63	18.44	
5	16QAM	12	13	18.51	18.53	18.65	20.5
5	16QAM	25	0	18.71	18.78	18.73	
5	64QAM	1	0	19.47	19.56	19.58	
5	64QAM	1	12	19.51	19.40	19.54	19.5
5	64QAM	1	24	19.50	19.49	19.62	
5	64QAM	12	0	18.67	18.41	18.37	
5	64QAM	12	7	18.46	18.56	18.34	19.5
5	64QAM	12	13	18.44	18.43	18.34	
5	64QAM	25	0	18.44	18.45	18.52	



Band 41 (2496~2690MHz) (dBm)										
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Low Channel	Middle Channel	Middle High Channel	High Channel	Tune-up limit (dBm)	
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.39	21.44	21.65	21.57	21.52	22.5	
20	QPSK	1	49	21.46	21.50	21.59	21.41	21.46		
20	QPSK	1	99	21.31	21.29	21.45	21.47	21.43		
20	QPSK	50	0	20.66	20.47	20.75	20.71	20.63	21.5	
20	QPSK	50	24	20.61	20.52	20.72	20.45	20.50		
20	QPSK	50	50	20.45	20.53	20.60	20.44	20.47		
20	QPSK	100	0	20.45	20.41	20.62	20.34	20.43	21.5	
20	16QAM	1	0	20.47	20.51	20.66	20.51	20.49		
20	16QAM	1	49	20.44	20.33	20.38	20.42	20.37		
20	16QAM	1	99	20.42	20.34	20.45	20.43	20.40	20.5	
20	16QAM	50	0	19.55	19.58	19.76	19.51	19.58		
20	16QAM	50	24	19.47	19.58	19.52	19.44	19.48		
20	16QAM	50	50	19.40	19.37	19.46	19.43	19.37	21.5	
20	16QAM	100	0	19.67	19.76	19.67	19.44	19.57		
20	64QAM	1	0	20.60	20.39	20.59	20.52	20.37		
20	64QAM	1	49	20.26	20.31	20.37	20.53	20.50	20.5	
20	64QAM	1	99	20.52	20.60	20.30	20.37	20.46		
20	64QAM	50	0	19.63	19.72	19.62	19.53	19.64		
20	64QAM	50	24	19.50	19.52	19.60	19.59	19.62	21.5	
20	64QAM	50	50	19.50	19.38	19.51	19.38	19.49		
20	64QAM	100	0	19.40	19.42	19.42	19.47	19.33		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.46	21.44	21.62	21.51	21.36	22.5	
15	QPSK	1	37	21.60	21.50	21.43	21.50	21.46		
15	QPSK	1	74	21.41	21.38	21.35	21.43	21.39		
15	QPSK	36	0	20.46	20.56	20.65	20.57	20.49	21.5	
15	QPSK	36	20	20.48	20.43	20.59	20.29	20.34		
15	QPSK	36	39	20.34	20.47	20.39	20.40	20.33		
15	QPSK	75	0	20.28	20.45	20.45	20.36	20.45	21.5	
15	16QAM	1	0	20.66	20.41	20.74	20.69	20.67		
15	16QAM	1	37	20.40	20.45	20.52	20.52	20.37		
15	16QAM	1	74	20.42	20.34	20.53	20.51	20.48	20.5	
15	16QAM	36	0	19.62	19.67	19.73	19.52	19.59		
15	16QAM	36	20	19.58	19.64	19.63	19.62	19.66		
15	16QAM	36	39	19.51	19.45	19.57	19.62	19.46	21.5	
15	16QAM	75	0	19.67	19.80	19.67	19.68	19.81		
15	64QAM	1	0	20.47	20.44	20.66	20.60	20.65		
15	64QAM	1	37	20.47	20.44	20.58	20.37	20.34	20.5	
15	64QAM	1	74	20.48	20.70	20.46	20.50	20.59		
15	64QAM	36	0	19.73	19.65	19.62	19.45	19.46		
15	64QAM	36	20	19.41	19.34	19.51	19.39	19.42	21.5	
15	64QAM	36	39	19.39	19.50	19.42	19.39	19.50		
15	64QAM	75	0	19.50	19.37	19.52	19.57	19.43		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.41	21.43	21.60	21.55	21.46	22.5	
10	QPSK	1	25	21.45	21.52	21.50	21.53	21.50		
10	QPSK	1	49	21.45	21.29	21.46	21.50	21.36		
10	QPSK	25	0	20.64	20.40	20.75	20.73	20.65	21.5	
10	QPSK	25	12	20.42	20.47	20.53	20.53	20.48		
10	QPSK	25	25	20.40	20.53	20.45	20.52	20.45		
10	QPSK	50	0	20.18	20.31	20.35	20.35	20.44	21.5	
10	16QAM	1	0	20.43	20.46	20.61	20.69	20.67		
10	16QAM	1	25	20.35	20.47	20.29	20.43	20.28		
10	16QAM	1	49	20.56	20.46	20.59	20.44	20.41	20.5	
10	16QAM	25	0	19.53	19.64	19.64	19.52	19.59		
10	16QAM	25	12	19.63	19.57	19.68	19.61	19.65		
10	16QAM	25	25	19.46	19.36	19.52	19.52	19.36	21.5	
10	16QAM	50	0	19.70	19.65	19.70	19.53	19.66		
10	64QAM	1	0	20.52	20.50	20.51	20.68	20.53		
10	64QAM	1	25	20.53	20.48	20.64	20.52	20.49	20.5	
10	64QAM	1	49	20.54	20.48	20.52	20.48	20.57		
10	64QAM	25	0	19.49	19.65	19.58	19.52	19.43		
10	64QAM	25	12	19.56	19.45	19.66	19.47	19.50	21.5	
10	64QAM	25	25	19.48	19.43	19.51	19.44	19.35		
10	64QAM	50	0	19.41	19.39	19.43	19.49	19.35		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.58	21.54	21.59	21.56	21.45	22.5	
5	QPSK	1	12	21.48	21.51	21.55	21.50	21.55		
5	QPSK	1	24	21.31	21.42	21.45	21.56	21.42		
5	QPSK	12	0	20.61	20.37	20.80	20.72	20.64	21.5	
5	QPSK	12	7	20.55	20.49	20.66	20.50	20.55		
5	QPSK	12	13	20.42	20.40	20.52	20.51	20.44		
5	QPSK	25	0	20.35	20.44	20.47	20.43	20.32	21.5	
5	16QAM	1	0	20.67	20.47	20.65	20.56	20.53		
5	16QAM	1	12	20.38	20.37	20.32	20.61	20.46		
5	16QAM	1	24	20.52	20.35	20.35	20.36	20.33	20.5	
5	16QAM	12	0	19.67	19.41	19.78	19.40	19.47		
5	16QAM	12	7	19.56	19.44	19.61	19.47	19.51		
5	16QAM	12	13	19.44	19.43	19.40	19.67	19.51	21.5	
5	16QAM	25	0	19.58	19.61	19.58	19.71	19.64		
5	64QAM	1	0	20.51	20.48	20.50	20.64	20.49		
5	64QAM	1	12	20.37	20.41	20.48	20.39	20.35	20.5	
5	64QAM	1	24	20.71	20.69	20.49	20.61	20.70		
5	64QAM	12	0	19.47	19.63	19.56	19.57	19.68		
5	64QAM	12	7	19.49	19.39	19.59	19.54	19.57	21.5	
5	64QAM	12	13	19.50	19.40	19.53	19.39	19.50		
5	64QAM	25	0	19.41	19.42	19.43	19.40	19.26		



2.4GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)			Power Setting	Duty Cycle %
			1Mbps	2Mbps	54Mbps		
802.11b 1Mbps	CH 1	2412	16.25	17.00	19	98.90	
	CH 7	2442	17.24	18.00	20		
	CH 13	2472	13.23	14.00	15		
802.11g 18Mbps	CH 1	2412	14.59	15.50	17	98.35	
	CH 7	2442	15.12	16.00	18.5		
	CH 13	2472	0.29	1.00	2		
802.11n-HT20 MCS0	CH 1	2412	13.91	14.50	17	98.13	
	CH 7	2442	15.71	16.50	19		
	CH 13	2472	0.95	1.00	2		
802.11n-HT40 MCS0	CH 1	2412	11.86	12.00	13	95.09	
	CH 5	2437	14.40	15.00	17		
	CH 9	2462	5.58	6.50	8		

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)			Power Setting	Duty Cycle %
			1Mbps	2Mbps	54Mbps		
802.11a 1Mbps	CH 36	5180	15.04	16.00	19	98.16	
	CH 44	5220	14.91	15.50	19		
	CH 48	5240	14.96	15.50	19		
802.11n-HT20 MCS0	CH 36	5180	14.31	15.00	18.5	98.03	
	CH 44	5220	14.21	15.00	18.5		
	CH 48	5240	13.80	14.50	18.5		
802.11n-HT40 MCS0	CH 36	5180	12.01	13.00	15	96.27	
	CH 44	5220	14.11	15.00	19		
	CH 48	5240	13.64	14.50	18.5		
802.11ac-VHT20 MCS0	CH 36	5180	14.19	15.00	18.5	98.14	
	CH 44	5220	14.11	15.00	18.5		
	CH 48	5240	13.64	14.50	18.5		
802.11ac-VHT40 MCS0	CH 36	5180	12.01	13.00	15	96.30	
	CH 44	5220	14.15	15.00	18		
	CH 48	5240	14.15	15.00	18		

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)			Power Setting	Duty Cycle %
			1Mbps	2Mbps	54Mbps		
802.11a 1Mbps	CH 52	5260	15.00	16.00	19.5	98.16	
	CH 60	5300	14.26	15.00	19.5		
	CH 64	5320	14.18	15.00	19.5		
802.11n-HT20 MCS0	CH 52	5260	14.40	15.00	19	98.03	
	CH 60	5300	13.99	14.50	19		
	CH 64	5320	13.52	14.50	19		
802.11n-HT40 MCS0	CH 52	5260	13.56	14.50	17	96.27	
	CH 60	5300	11.86	12.00	13		
	CH 64	5320	14.23	15.00	19		
802.11ac-VHT20 MCS0	CH 60	5300	13.78	14.50	19	98.14	
	CH 64	5320	13.28	14.00	19		
	CH 54	5270	14.15	15.00	18.5		
802.11ac-VHT40 MCS0	CH 60	5300	11.86	12.00	15.5	96.30	
	CH 64	5320	14.15	15.00	18		
	CH 62	5310	11.86	12.00	15.5		

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)			Power Setting	Duty Cycle %
			1Mbps	2Mbps	54Mbps		
802.11a 1Mbps	CH 100	5600	15.29	16.00	19	98.16	
	CH 120	5680	16.04	17.00	19		
	CH 140	5760	15.80	16.00	19		
	CH 144	5720	15.63	16.00	19		
802.11n-HT20 MCS0	CH 100	5600	14.19	15.00	19	98.03	
	CH 120	5680	15.15	16.00	19		
	CH 144	5720	14.85	15.00	19		
	CH 102	5610	13.36	14.50	19		
802.11n-HT40 MCS0	CH 126	5630	14.78	15.00	18.5	96.27	
	CH 142	5710	14.43	15.00	18.5		
	CH 100	5600	14.31	15.00	18		
	CH 120	5680	15.17	16.00	19		
802.11ac-VHT20 MCS0	CH 144	5720	14.87	15.00	19	98.14	
	CH 102	5610	13.49	14.00	16		
	CH 126	5630	14.37	15.00	18		
	CH 142	5710	13.98	14.00	16		

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)			Power Setting	Duty Cycle %
			1Mbps	2Mbps	54Mbps		
802.11a 1Mbps	CH 149	5745	15.26	16.00	19	98.16	
	CH 157	5785	14.67	15.00	19		
	CH 165	5825	14.18	15.00	19		
	CH 149	5745	14.68	15.00	18		
802.11n-HT20 MCS0	CH 157	5785	13.97	14.50	18	98.03	
	CH 165	5825	13.22	14.00	19		
	CH 151	5765	14.19	15.00	18.5		
	CH 159	5795	13.18	14.00	18.5		
802.11n-HT40 MCS0	CH 149	5745	14.54	15.00	19	96.27	
	CH 157	5785	13.99	14.00	18		
	CH 165	5825	13.18	14.00	18		
	CH 151	5765	14.21	15.00	18.5		
802.11ac-VHT40 MCS0	CH 159	5795	13.20	14.00	18.5	96.30	
	CH 149	5745	13.20	14.00	18.5		
	CH 157	5785	13.20	14.00	18.5		
	CH 159	5795	13.20	14.00	18.5		

Bluetooth (1571)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
BR / EDR	CH 00	2402	4.95	4.75	4.82
	CH 02	2422	5.14	4.71	4.82
	CH 10	2482	5.45	4.05	3.97
Transmit Limit			7	5.5	5.5
Duty Cycle %			77.01	77.09	77.15

Bluetooth (480_1)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
LE	CH 00	2402	-1.88		
	CH 10	2482	-2.04		
	CH 30	2440	-2.74		
Transmit Limit			9		
Duty Cycle %			64.67		

Bluetooth (480_2)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
BR / EDR	CH 00	2402	8.31	6.32	6.15
	CH 30	2441	9.32	6.71	6.85
	CH 10	2480	9.60	7.15	7.34
Transmit Limit			10	8	8
Duty Cycle %			77.85	77.9	77.79

Bluetooth (480_2)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
LE	CH 00	2402	7.71		
	CH 10	2480	8.32		
	CH 30	2440	8.68		
Transmit Limit			9		
Duty Cycle %			64.62		

Bluetooth (480_2)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
BR / EDR	CH 00	2402	8.31	6.70	6.87
	CH 30	2441	8.68	6.53	6.50
	CH 10	2480	9.32	6.26	6.47
Transmit Limit			10	7	7
Duty Cycle %			77.85	77.73	77.76

Bluetooth (480_2)

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	54Mbps
LE	CH 00	2402	7.31		
	CH 10	2480	7.88		
	CH 30	2440	7.88		
Transmit Limit			8.5		
Duty Cycle %			64.62		