



REPORT No.: SZ21070267S01

Annex E Conducted Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.96	31.01	31.04	31.50	21.96	22.01	22.04	22.50
GPRS 1 Tx slot	31.01	30.93	30.95	31.50	22.01	21.93	21.95	22.50
GPRS 2 Tx slots	28.95	28.91	28.96	29.50	22.95	22.91	22.96	23.50
GPRS 3 Tx slots	27.07	27.07	27.11	27.50	22.81	22.81	22.85	23.24
GPRS 4 Tx slots	24.96	24.98	25.03	25.50	21.96	21.98	22.03	22.50
EDGE 1 Tx slot	24.16	23.88	23.79	24.50	15.16	14.88	14.79	15.50
EDGE 2 Tx slots	22.88	22.45	22.64	23.50	16.88	16.45	16.64	17.50
EDGE 3 Tx slots	20.55	20.28	20.33	21.00	16.29	16.02	16.07	16.74
EDGE 4 Tx slots	17.96	17.71	17.86	18.50	14.96	14.71	14.86	15.50
Mode		Max.	31.04			Max.	22.96	
Attenuator	Cable Loss : 0.6							
Date	2021.11.20							

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.40	27.51	27.61	28.00	18.40	18.51	18.61	19.00
GPRS 1 Tx slot	27.41	27.49	27.58	28.00	18.41	18.49	18.58	19.00
GPRS 2 Tx slots	25.31	25.37	25.45	26.00	19.31	19.37	19.45	20.00
GPRS 3 Tx slots	23.71	23.74	23.79	24.50	19.45	19.48	19.53	20.24
GPRS 4 Tx slots	21.66	21.72	21.73	22.50	18.66	18.72	18.73	19.50
EDGE 1 Tx slot	24.46	24.48	23.98	25.00	15.46	15.48	14.98	16.00
EDGE 2 Tx slots	24.21	23.90	23.78	24.50	18.21	17.90	17.78	18.50
EDGE 3 Tx slots	21.07	20.59	20.81	21.50	16.81	16.33	16.55	17.24
EDGE 4 Tx slots	17.84	17.43	17.42	18.50	14.84	14.43	14.42	15.50
Mode		Max.	27.61			Max.	19.53	
Attenuator	Cable Loss : 0.8							
Date	2021.11.20							

Band	WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 RMC 12.2Kbps	18.56	18.62	18.55	19.00	19.44	19.49	19.47	20.00
3GPP Rel 6 HSDPA Subtest-1	18.49	18.00	17.64	19.00	19.38	19.09	19.00	20.00
3GPP Rel 6 HSDPA Subtest-2	18.54	17.63	17.31	19.00	19.39	19.12	19.03	20.00
3GPP Rel 6 HSDPA Subtest-3	18.44	17.85	17.48	18.50	19.36	19.09	19.00	19.50
3GPP Rel 6 HSDPA Subtest-4	18.40	17.45	17.06	18.50	19.38	19.11	19.02	19.50
3GPP Rel 6 HSUPA Subtest-1	18.48	18.00	17.67	19.00	19.43	19.08	18.95	20.00
3GPP Rel 6 HSUPA Subtest-2	18.47	17.98	17.64	19.00	19.41	19.05	18.92	20.00
3GPP Rel 6 HSUPA Subtest-3	18.41	17.94	17.61	19.00	19.41	19.11	18.97	20.00
3GPP Rel 6 HSUPA Subtest-4	18.41	18.01	17.65	19.00	19.39	19.04	18.88	20.00
3GPP Rel 6 HSUPA Subtest-5	18.03	18.22	17.74	19.00	19.43	19.13	18.95	20.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	18.03	18.22	18.34	19.00	19.36	19.16	19.11	20.00
Attenuator		Cable Loss	0.8			Cable Loss	0.8	
Mode		Max.	18.62			Max.	19.49	
Date	2021.11.20				2021.11.20			

Band	WCDMA Band V			Tune-up Limit (dBm)
	4132	4182	4233	
	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps	21.80	21.81	21.76	22.50
3GPP Rel 6 HSDPA Subtest-1	20.13	19.29	20.31	21.00
3GPP Rel 6 HSDPA Subtest-2	19.84	19.02	19.82	21.00
3GPP Rel 6 HSDPA Subtest-3	19.63	18.75	19.57	20.50
3GPP Rel 6 HSDPA Subtest-4	19.49	18.61	19.47	20.50
3GPP Rel 6 HSUPA Subtest-1	20.83	20.02	20.92	21.00
3GPP Rel 6 HSUPA Subtest-2	20.78	19.95	20.89	21.00
3GPP Rel 6 HSUPA Subtest-3	20.80	20.01	20.95	21.00
3GPP Rel 6 HSUPA Subtest-4	20.77	19.92	20.87	21.00
3GPP Rel 6 HSUPA Subtest-5	20.81	20.00	20.96	21.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	20.89	20.11	20.82	21.00
Attenuator		Cable Loss	0.6	
Mode		Max.	21.81	
Date	2021.11.20			

3	16QAM	1	0	19.30	19.32	19.09	20
3	16QAM	1	8	19.08	19.12	19.03	
3	16QAM	1	14	19.00	19.23	19.05	
3	16QAM	8	0	17.57	17.54	17.58	18.5
3	16QAM	8	4	17.45	17.58	17.75	
3	16QAM	8	7	17.49	17.45	17.67	
3	16QAM	15	0	17.23	17.39	17.71	19.5
3	64QAM	1	0	18.69	18.34	18.49	
3	64QAM	1	8	18.47	18.43	18.65	
3	64QAM	1	14	18.21	18.37	18.47	18.5
3	64QAM	8	0	17.36	17.42	17.56	
3	64QAM	8	4	17.34	17.30	17.52	
3	64QAM	8	7	17.08	17.24	17.34	19.5
3	64QAM	15	0	17.45	17.22	17.30	
Channel				1860.7	1890.0	1919.3	
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.43	19.60	19.46	20.5
1.4	QPSK	1	3	19.17	19.13	19.56	
1.4	QPSK	1	5	19.37	19.16	19.23	
1.4	QPSK	3	0	18.40	18.45	18.43	
1.4	QPSK	3	1	18.02	18.31	18.18	
1.4	QPSK	3	3	18.33	18.28	18.34	
1.4	QPSK	6	0	18.35	18.34	18.41	19.5
1.4	16QAM	1	0	19.25	19.27	19.04	20
1.4	16QAM	1	3	19.03	19.07	18.98	
1.4	16QAM	1	5	18.95	19.18	19.00	
1.4	16QAM	3	0	17.52	17.49	17.53	
1.4	16QAM	3	1	17.40	17.53	17.70	
1.4	16QAM	3	3	17.44	17.40	17.62	
1.4	16QAM	6	0	17.18	17.34	17.66	18.5
1.4	64QAM	1	0	18.64	18.29	18.44	19.5
1.4	64QAM	1	3	18.42	18.38	18.60	
1.4	64QAM	1	5	18.16	18.32	18.42	
1.4	64QAM	3	0	17.31	17.37	17.51	
1.4	64QAM	3	1	17.29	17.25	17.47	
1.4	64QAM	3	3	17.03	17.19	17.29	
1.4	64QAM	6	0	17.40	17.17	17.25	18.5

3	16QAM	1	0	19.11	19.15	19.08	19.5
3	16QAM	1	8	19.12	18.99	18.96	
3	16QAM	1	14	18.86	18.98	18.94	
3	16QAM	8	0	17.09	17.10	16.73	18.5
3	16QAM	8	4	17.07	16.73	16.67	
3	16QAM	8	7	17.01	17.11	16.65	
3	16QAM	15	0	17.21	17.09	16.77	20
3	16QAM	1	0	18.63	18.69	19.03	
3	16QAM	1	8	18.96	19.03	18.77	
3	16QAM	1	14	19.13	19.01	18.79	17.5
3	16QAM	8	0	16.87	17.06	16.89	
3	16QAM	8	4	16.95	17.02	16.66	
3	16QAM	8	7	17.12	17.00	16.68	19.5
3	16QAM	15	0	17.12	16.75	16.70	
Channel				1995.7	2017.5	2039.3	
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.86	19.89	19.79	20.5
1.4	QPSK	1	3	19.63	19.49	19.45	
1.4	QPSK	1	5	19.44	19.46	19.39	
1.4	QPSK	3	0	18.53	18.56	18.35	
1.4	QPSK	3	1	18.45	18.30	18.10	
1.4	QPSK	3	3	18.42	18.31	18.09	
1.4	QPSK	6	0	17.98	17.86	17.83	19.5
1.4	16QAM	1	0	19.09	19.13	19.06	19.5
1.4	16QAM	1	3	19.10	18.97	18.94	
1.4	16QAM	1	5	18.84	18.96	18.92	
1.4	16QAM	3	0	17.07	17.08	16.71	
1.4	16QAM	3	1	17.05	16.71	16.65	
1.4	16QAM	3	3	16.99	17.09	16.63	
1.4	16QAM	6	0	17.19	17.07	16.75	18.5
1.4	16QAM	1	0	18.61	18.67	19.01	20
1.4	16QAM	1	3	18.94	19.01	18.75	
1.4	16QAM	1	5	19.11	18.99	18.77	
1.4	16QAM	3	0	16.85	17.04	16.87	
1.4	16QAM	3	1	16.93	17.00	16.64	
1.4	16QAM	3	3	17.10	16.98	16.66	
1.4	16QAM	6	0	17.10	16.73	16.68	17.5

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	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.83	22.89	22.84	23.5
10	QPSK	1	25	22.78	22.51	22.54	
10	QPSK	1	49	22.53	22.43	22.45	
10	QPSK	25	0	21.84	21.98	21.88	22.5
10	QPSK	25	12	21.79	21.59	21.56	
10	QPSK	25	25	21.59	21.60	21.63	
10	QPSK	50	0	21.90	21.52	21.85	22.5
10	16QAM	1	0	22.08	21.92	21.88	
10	16QAM	1	25	21.69	21.70	21.73	
10	16QAM	1	49	22.00	21.62	21.95	21.5
10	16QAM	25	0	21.17	20.88	20.70	
10	16QAM	25	12	20.78	20.79	20.82	
10	16QAM	25	25	21.09	20.71	21.04	21.5
10	16QAM	50	0	20.98	20.49	20.74	
10	64QAM	1	0	20.88	20.89	21.05	
10	64QAM	1	25	20.97	20.90	20.92	21.5
10	64QAM	1	49	20.86	20.84	20.62	
10	64QAM	25	0	20.43	20.27	20.10	
10	64QAM	25	12	20.42	20.34	20.47	20.5
10	64QAM	25	25	20.41	20.12	20.17	
10	64QAM	50	0	20.50	20.03	20.09	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.77	22.83	22.78	23.5
5	QPSK	1	12	22.72	22.45	22.48	
5	QPSK	1	24	22.47	22.37	22.39	
5	QPSK	12	0	21.78	21.92	21.82	22.5
5	QPSK	12	7	21.73	21.53	21.50	
5	QPSK	12	13	21.53	21.54	21.57	
5	QPSK	25	0	21.84	21.46	21.79	22.5
5	16QAM	1	0	22.02	21.86	21.82	
5	16QAM	1	12	21.63	21.64	21.67	
5	16QAM	1	24	21.94	21.56	21.89	21.5
5	16QAM	12	0	21.11	20.82	20.64	
5	16QAM	12	7	20.72	20.73	20.76	
5	16QAM	12	13	21.03	20.65	20.98	21.5
5	16QAM	25	0	20.92	20.43	20.68	
5	64QAM	1	0	20.85	20.86	21.02	
5	64QAM	1	12	20.94	20.87	20.89	21.5
5	64QAM	1	24	20.83	20.81	20.59	
5	64QAM	12	0	20.40	20.24	20.07	
5	64QAM	12	7	20.39	20.31	20.44	20.5
5	64QAM	12	13	20.38	20.09	20.14	
5	64QAM	25	0	20.47	20.00	20.06	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.74	22.80	22.75	23.5
3	QPSK	1	8	22.69	22.42	22.45	
3	QPSK	1	14	22.44	22.34	22.36	
3	QPSK	8	0	21.75	21.89	21.79	22.5
3	QPSK	8	4	21.70	21.50	21.47	
3	QPSK	8	7	21.50	21.51	21.54	
3	QPSK	15	0	21.81	21.43	21.76	22.5
3	16QAM	1	0	21.99	21.83	21.79	
3	16QAM	1	8	21.60	21.61	21.64	
3	16QAM	1	14	21.91	21.53	21.86	21.5
3	16QAM	8	0	21.08	20.79	20.61	
3	16QAM	8	4	20.69	20.70	20.73	
3	16QAM	8	7	21.00	20.62	20.95	21.5
3	16QAM	15	0	20.89	20.40	20.65	
3	64QAM	1	0	20.82	20.83	20.99	
3	64QAM	1	8	20.91	20.84	20.86	21.5
3	64QAM	1	14	20.80	20.78	20.56	
3	64QAM	8	0	20.37	20.21	20.04	
3	64QAM	8	4	20.36	20.28	20.41	20.5
3	64QAM	8	7	20.35	20.06	20.11	
3	64QAM	15	0	20.44	19.97	20.03	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.68	22.74	22.69	23.5
1.4	QPSK	1	3	22.63	22.36	22.39	
1.4	QPSK	1	5	22.38	22.28	22.30	
1.4	QPSK	3	0	21.69	21.83	21.73	22.5
1.4	QPSK	3	1	21.64	21.44	21.41	
1.4	QPSK	3	3	21.44	21.45	21.48	
1.4	QPSK	6	0	21.75	21.37	21.70	22.5
1.4	16QAM	1	0	21.93	21.77	21.73	
1.4	16QAM	1	3	21.54	21.55	21.58	
1.4	16QAM	1	5	21.85	21.47	21.80	22.5
1.4	16QAM	3	0	21.02	20.73	20.55	
1.4	16QAM	3	1	20.63	20.64	20.67	
1.4	16QAM	3	3	20.94	20.56	20.89	21.5
1.4	16QAM	6	0	20.83	20.34	20.59	
1.4	64QAM	1	0	20.76	20.77	20.93	
1.4	64QAM	1	3	20.85	20.78	20.80	21.5
1.4	64QAM	1	5	20.74	20.72	20.50	
1.4	64QAM	3	0	20.31	20.15	19.98	
1.4	64QAM	3	1	20.30	20.22	20.35	20.5
1.4	64QAM	3	3	20.29	20.00	20.05	
1.4	64QAM	6	0	20.38	19.91	19.97	

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				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.62	22.75	22.60	23.5
10	QPSK	1	25	22.27	22.29	22.48	
10	QPSK	1	49	22.55	22.51	22.54	
10	QPSK	25	0	21.63	21.74	21.68	22.5
10	QPSK	25	12	21.53	21.69	21.67	
10	QPSK	25	25	21.42	21.43	21.56	
10	QPSK	50	0	21.27	21.68	21.67	22.5
10	16QAM	1	0	22.24	21.86	21.97	
10	16QAM	1	25	22.03	22.19	22.17	
10	16QAM	1	49	21.92	21.93	22.06	21.5
10	16QAM	25	0	20.68	20.69	20.34	
10	16QAM	25	12	20.50	20.66	20.64	
10	16QAM	25	25	20.39	20.40	20.53	21.5
10	16QAM	50	0	20.59	20.71	20.70	
10	64QAM	1	0	21.27	20.85	21.04	
10	64QAM	1	25	20.95	20.96	21.09	21.5
10	64QAM	1	49	21.15	21.27	21.26	
10	64QAM	25	0	20.03	19.92	19.80	
10	64QAM	25	12	19.79	19.80	19.93	20.5
10	64QAM	25	25	19.99	20.11	20.10	
10	64QAM	50	0	19.95	20.10	20.10	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.56	22.69	22.54	23.5
5	QPSK	1	12	22.21	22.23	22.42	
5	QPSK	1	24	22.49	22.45	22.48	
5	QPSK	12	0	21.57	21.68	21.62	22.5
5	QPSK	12	7	21.47	21.63	21.61	
5	QPSK	12	13	21.36	21.37	21.50	
5	QPSK	25	0	21.21	21.62	21.61	22.5
5	16QAM	1	0	22.18	21.80	21.91	
5	16QAM	1	12	21.97	22.13	22.11	
5	16QAM	1	24	21.86	21.87	22.00	21.5
5	16QAM	12	0	20.62	20.63	20.28	
5	16QAM	12	7	20.44	20.60	20.58	
5	16QAM	12	13	20.33	20.34	20.47	21.5
5	16QAM	25	0	20.53	20.65	20.64	
5	64QAM	1	0	21.21	20.79	20.98	
5	64QAM	1	12	20.89	20.90	21.03	21.5
5	64QAM	1	24	21.09	21.21	21.20	
5	64QAM	12	0	19.97	19.86	19.74	
5	64QAM	12	7	19.73	19.74	19.87	20.5
5	64QAM	12	13	19.93	20.05	20.04	
5	64QAM	25	0	19.89	20.04	20.05	

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	20.40	20.42	20.40	21
20	QPSK	1	49	20.40	20.32	20.32	
20	QPSK	1	99	20.22	20.12	20.13	
20	QPSK	50	0	19.51	19.55	20.46	20
20	QPSK	50	24	19.36	19.39	19.47	
20	QPSK	50	50	19.36	19.22	19.42	
20	QPSK	100	0	19.39	19.45	19.39	20
20	16QAM	1	0	19.41	19.45	19.44	
20	16QAM	1	49	19.72	19.48	19.56	
20	16QAM	1	99	19.45	19.31	19.51	19
20	16QAM	50	0	18.45	18.39	18.38	
20	16QAM	50	24	18.54	18.30	18.38	
20	16QAM	50	50	18.27	18.13	18.33	19
20	16QAM	100	0	18.44	18.41	18.63	
20	64QAM	1	0	18.49	18.52	18.55	
20	64QAM	1	49	18.54	18.40	18.60	19
20	64QAM	1	99	18.35	18.58	18.45	
20	64QAM	50	0	17.66	17.33	17.65	
20	64QAM	50	24	17.30	17.16	17.36	18
20	64QAM	50	50	17.47	17.44	17.66	
20	64QAM	100	0	17.39	17.26	17.25	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.30	20.39	20.00	21
15	QPSK	1	37	20.34	20.35	20.26	
15	QPSK	1	74	20.16	20.06	20.07	
15	QPSK	36	0	19.65	19.66	19.58	20
15	QPSK	36	20	19.57	19.33	19.41	
15	QPSK	36	39	19.30	19.16	19.36	
15	QPSK	75	0	19.61	19.39	19.63	20
15	16QAM	1	0	19.65	19.49	19.52	
15	16QAM	1	37	19.66	19.42	19.50	
15	16QAM	1	74	19.39	19.25	19.45	19
15	16QAM	36	0	18.39	18.33	18.32	
15	16QAM	36	20	18.48	18.24	18.32	
15	16QAM	36	39	18.21	18.07	18.27	19
15	16QAM	75	0	18.38	18.35	18.57	
15	64QAM	1	0	18.43	18.84	18.49	
15	64QAM	1	37	18.48	18.34	18.54	19
15	64QAM	1	74	18.65	18.62	18.84	
15	64QAM	36	0	17.60	17.27	17.59	
15	64QAM	36	20	17.24	17.10	17.30	18
15	64QAM	36	39	17.41	17.38	17.60	
15	64QAM	75	0	17.33	17.20	17.19	
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.34	20.44	20.39	21
10	QPSK	1	25	20.28	20.37	20.20	
10	QPSK	1	49	20.10	20.00	20.01	
10	QPSK	25	0	19.59	19.60	19.52	20
10	QPSK	25	12	19.51	19.27	19.35	
10	QPSK	25	25	19.24	19.10	19.30	
10	QPSK	50	0	19.55	19.33	19.57	20
10	16QAM	1	0	19.59	19.43	19.46	
10	16QAM	1	25	19.60	19.36	19.44	
10	16QAM	1	49	19.33	19.19	19.39	19
10	16QAM	25	0	18.33	18.27	18.26	
10	16QAM	25	12	18.42	18.18	18.26	
10	16QAM	25	25	18.15	18.01	18.21	19
10	16QAM	50	0	18.32	18.29	18.51	
10	64QAM	1	0	18.37	18.78	18.43	
10	64QAM	1	25	18.42	18.28	18.48	19
10	64QAM	1	49	18.59	18.56	18.78	
10	64QAM	25	0	17.54	17.21	17.53	
10	64QAM	25	12	17.18	17.04	17.24	18
10	64QAM	25	25	17.35	17.32	17.54	
10	64QAM	50	0	17.27	17.14	17.13	
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.30	20.40	20.35	21
5	QPSK	1	12	20.24	20.33	20.16	
5	QPSK	1	24	20.06	19.96	19.97	
5	QPSK	12	0	19.55	19.56	19.48	20
5	QPSK	12	7	19.47	19.23	19.31	
5	QPSK	12	13	19.20	19.06	19.26	
5	QPSK	25	0	19.51	19.29	19.53	20
5	16QAM	1	0	19.55	19.39	19.42	
5	16QAM	1	12	19.56	19.32	19.40	
5	16QAM	1	24	19.29	19.15	19.35	19
5	16QAM	12	0	18.29	18.23	18.22	
5	16QAM	12	7	18.38	18.14	18.22	
5	16QAM	12	13	18.11	17.97	18.17	19
5	16QAM	25	0	18.28	18.25	18.47	
5	64QAM	1	0	18.33	18.74	18.39	
5	64QAM	1	12	18.38	18.24	18.44	19
5	64QAM	1	24	18.55	18.52	18.74	
5	64QAM	12	0	17.50	17.17	17.49	
5	64QAM	12	7	17.14	17.00	17.20	18
5	64QAM	12	13	17.31	17.28	17.50	
5	64QAM	25	0	17.23	17.10	17.09	
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.26	20.36	20.31	21
3	QPSK	1	8	20.20	20.29	20.12	
3	QPSK	1	14	20.02	19.92	19.93	
3	QPSK	8	0	19.51	19.52	19.44	20
3	QPSK	8	4	19.43	19.19	19.27	
3	QPSK	8	7	19.16	19.02	19.22	
3	QPSK	15	0	19.47	19.25	19.49	

3	16QAM	1	0	19.51	19.35	19.38	20
3	16QAM	1	8	19.52	19.28	19.36	
3	16QAM	1	14	19.25	19.11	19.31	
3	16QAM	8	0	18.25	18.19	18.18	19
3	16QAM	8	4	18.34	18.10	18.18	
3	16QAM	8	7	18.07	17.93	18.13	
3	16QAM	15	0	18.24	18.21	18.43	19
3	64QAM	1	0	18.29	18.70	18.35	
3	64QAM	1	8	18.34	18.20	18.40	
3	64QAM	1	14	18.51	18.48	18.70	18
3	64QAM	8	0	17.46	17.13	17.45	
3	64QAM	8	4	17.10	16.96	17.16	
3	64QAM	8	7	17.27	17.24	17.46	18
3	64QAM	15	0	17.19	17.06	17.05	
Channel				1319.9	1323.22	1326.65	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.22	20.32	20.27	21
1.4	QPSK	1	3	20.16	20.25	20.08	
1.4	QPSK	1	5	19.98	19.88	19.89	
1.4	QPSK	3	0	19.47	19.48	19.40	
1.4	QPSK	3	1	19.39	19.15	19.23	
1.4	QPSK	3	3	19.12	18.98	19.18	
1.4	QPSK	6	0	19.43	19.21	19.45	20
1.4	16QAM	1	0	19.47	19.31	19.34	20
1.4	16QAM	1	3	19.48	19.24	19.32	
1.4	16QAM	1	5	19.21	19.07	19.27	
1.4	16QAM	3	0	18.21	18.15	18.14	
1.4	16QAM	3	1	18.30	18.06	18.14	
1.4	16QAM	3	3	18.03	17.89	18.09	
1.4	16QAM	6	0	18.20	18.17	18.39	19
1.4	64QAM	1	0	18.25	18.66	18.31	19
1.4	64QAM	1	3	18.30	18.16	18.36	
1.4	64QAM	1	5	18.47	18.44	18.66	
1.4	64QAM	3	0	17.42	17.09	17.41	
1.4	64QAM	3	1	17.06	16.92	17.12	
1.4	64QAM	3	3	17.23	17.20	17.42	
1.4	64QAM	6	0	17.15	17.02	17.01	18

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	11.95	12.50	12.00	98.78
	CH 7	2442	15.24	15.50	12.00	
	CH 13	2472	12.70	13.00	12.00	
802.11g 6Mbps	CH 1	2412	12.07	12.50	13.00	92.47
	CH 7	2442	15.44	15.50	13.00	
	CH 13	2472	13.70	14.00	13.00	
802.11n-HT20 MCS0	CH 1	2412	11.24	12.00	12.00	91.58
	CH 7	2442	14.92	15.50	12.00	
	CH 13	2472	12.03	12.50	12.00	
802.11n-HT40 MCS0	CH 1	2412	12.22	12.50	12.00	80.99
	CH 7	2442	14.00	14.50	12.00	
	CH 13	2472	11.93	12.50	12.00	

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 36	5180	11.53	12.00	12.00	91.50
	CH 44	5220	11.78	12.50	12.00	
	CH 48	5240	11.88	12.50	12.00	
802.11n-HT20 MCS0	CH 36	5180	10.91	11.00	11.00	91.54
	CH 44	5220	11.11	11.50	11.00	
	CH 48	5240	11.16	11.50	11.00	
802.11n-HT40 MCS0	CH 38	5190	11.74	12.00	12.00	80.82
	CH 46	5230	11.81	12.00	12.00	
802.11ac-VHT20 MCS0	CH 36	5180	11.09	11.50	11.00	90.94
	CH 44	5220	11.21	11.50	11.00	
	CH 48	5240	11.28	11.50	11.00	
802.11ac-VHT40 MCS0	CH 38	5190	11.58	12.00	12.00	81.08
	CH 46	5230	11.73	12.00	12.00	
802.11ac-VHT80 MCS0	CH 42	5210	11.30	11.50	12.00	67.27

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a MCS0	CH 149	5745	9.86	10.50	12.00	91.50
	CH 157	5785	9.76	10.50	12.00	
	CH 165	5825	9.77	10.50	12.00	
802.11n-HT20 MCS0	CH 149	5745	9.17	9.50	11.00	91.54
	CH 157	5785	9.13	9.50	11.00	
	CH 165	5825	9.13	9.50	11.00	
802.11n-HT40 MCS0	CH 151	5755	9.84	10.50	12.00	80.82
	CH 159	5795	9.83	10.50	12.00	
802.11ac-VHT20 MCS0	CH 149	5745	9.26	10.00	11.00	90.94
	CH 157	5785	9.21	10.00	11.00	
	CH 165	5825	9.18	10.00	11.00	
802.11ac-VHT40 MCS0	CH 151	5755	9.76	10.50	12.00	81.08
	CH 159	5795	9.63	10.00	12.00	
802.11ac-VHT80 MCS0	CH 155	5775	9.22	10.00	12.00	67.27

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	4.99	4.10	4.03
	CH 39	2441	5.71	4.84	4.84
	CH 78	2480	5.04	4.15	4.21
Tune-up Limit			6.00	5.50	5.50
Duty Cycle %			77.6	77.33	77.33

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	0.40
	CH 19	2440	0.50
	CH 39	2480	0.53
Tune-up Limit			1
Duty Cycle %			31.6