



REPORT No.: SZ25120216S01

Annex B Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.



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	848.6			824.2	836.4	848.6	
GSM 1 Tx slot	32.91	33.12	33.30	34.00		23.91	24.12	24.30	25.00
GPRS 1 Tx slot	32.91	33.15	33.25	34.00		23.91	24.15	24.25	25.00
GPRS 2 Tx slots	32.08	32.33	32.42	33.00		26.08	26.33	26.42	27.00
GPRS 3 Tx slots	30.21	30.45	30.59	31.00		25.95	26.19	26.33	26.74
GPRS 4 Tx slots	29.04	29.41	29.29	30.00		26.04	26.41	26.29	27.00
EDGE 1 Tx slot	26.54	26.76	27.04	27.50		17.54	17.76	18.04	18.50
EDGE 2 Tx slots	25.47	25.28	25.74	26.00		19.47	19.28	19.74	20.00
EDGE 3 Tx slots	23.22	23.52	23.64	24.00		18.96	19.26	19.38	19.74
EDGE 4 Tx slots	22.34	22.27	22.38	23.00		19.34	19.27	19.38	20.00
Mode		Max. 33.30			Max. 26.42				
Attenuator		Cable Loss: 1.2							
Date		2025.12.29							

GSM1900		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tuneup Limit (dbm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8	30.00	1850.2	1860	1869.8	21.00
GSM 1 Tx slot		28.89	29.08	29.33	30.00	19.89	20.08	20.33	21.00
GPRS 1 Tx slot		28.88	29.08	29.37	30.00	19.88	20.08	20.37	21.00
GPRS 2 Tx slots		28.12	28.31	28.61	29.00	22.12	22.31	22.61	23.00
GPRS 3 Tx slots		26.32	26.81	26.81	27.50	22.06	22.55	22.35	23.24
GPRS 4 Tx slots		25.27	25.39	25.69	26.00	22.27	22.39	22.69	23.00
EDGE 1 Tx slot		24.55	24.35	24.82	25.50	15.55	15.35	15.82	16.50
EDGE 2 Tx slots		23.25	23.18	23.67	24.00	17.25	17.18	17.67	18.00
EDGE 3 Tx slots		21.37	21.07	21.57	22.00	17.11	16.81	17.31	17.74
EDGE 4 Tx slots		19.99	19.79	20.23	21.00	16.99	16.79	17.23	18.00
Mode		Max. 29.37				Max. 22.69			
Attenuator		Cable Loss: 1.4							
Date		2025.12.29							

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)
TX Channel	Rx Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Frequency (MHz)	9662	9600	9638			1537	1638	1738		4387	4407	4458	
3GPP Rel 99	IMT	12.2kpps	12.2kpps	12.2kpps	23.50	22.00	22.98	22.97	23.50	23.77	23.80	23.77	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest 1	20.71	20.80	20.83	21.50	20.70	20.86	20.72	21.50	21.66	21.65	21.64	22.50
Attenuator		Cable Loss	1.4				Cable Loss	1.4			Cable Loss	1.2	
Mode		Max.	22.74				Max.	22.98			Max.	23.80	
Date	2025.12.29					2025.12.29					2025.12.29		

Band 2 (1900MHz Band) (dBm) Part 24E									
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	22.38	22.31	22.47	23		
20	QPSK	1	49	22.20	22.21	22.32			
20	QPSK	1	99	22.15	22.04	22.16			
20	QPSK	50	0	21.23	21.37	21.46	22		
20	QPSK	50	24	21.17	21.30	21.30			
20	QPSK	50	50	21.19	21.28	21.17			
20	QPSK	100	0	21.27	21.35	21.38	22		
20	16QAM	1	0	21.54	21.64	21.34			
20	16QAM	1	49	21.46	21.43	21.17			
20	16QAM	1	99	21.28	21.23	21.28	21		
20	16QAM	50	0	20.21	20.37	20.32			
20	16QAM	50	24	20.11	20.23	20.27			
20	16QAM	50	50	20.26	20.24	20.20	21		
20	16QAM	100	0	20.27	20.39	20.31			
Channel				18675	18900	19125	Tune-up limit (dBm)		
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	22.22	22.21	22.25	23		
15	QPSK	1	37	21.99	21.99	22.28			
15	QPSK	1	74	22.03	22.04	22.15			
15	QPSK	36	0	21.38	21.15	21.59	22		
15	QPSK	36	20	21.11	21.24	21.44			
15	QPSK	36	39	21.12	21.09	21.15			
15	QPSK	75	0	21.05	21.40	21.40	22		
15	16QAM	1	0	21.57	21.56	21.23			
15	16QAM	1	37	21.57	21.27	21.08			
15	16QAM	1	74	21.46	21.16	21.35	21		
15	16QAM	36	0	20.19	20.28	20.44			
15	16QAM	36	20	20.28	20.16	20.20			
15	16QAM	36	39	20.16	20.15	20.38	21		
15	16QAM	75	0	20.19	20.39	20.24			
Channel				18650	18900	19150	Tune-up limit (dBm)		
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	22.35	22.30	22.27	23		
10	QPSK	1	25	22.12	22.14	22.22			
10	QPSK	1	49	22.12	21.92	22.00			
10	QPSK	25	0	21.41	21.34	21.45	22		
10	QPSK	25	12	21.04	21.16	21.14			
10	QPSK	25	25	21.30	21.14	21.29			
10	QPSK	50	0	21.45	21.42	21.39	22		
10	16QAM	1	0	21.40	21.51	21.46			
10	16QAM	1	25	21.51	21.33	21.11			
10	16QAM	1	49	21.07	21.24	21.21	21		
10	16QAM	25	0	20.11	20.45	20.40			
10	16QAM	25	12	20.08	20.21	20.18			
10	16QAM	25	25	20.11	20.04	20.03	21		
10	16QAM	50	0	20.32	20.27	20.10			
Channel				18625	18900	19175	Tune-up limit (dBm)		
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	22.23	22.11	22.39	23		
5	QPSK	1	12	22.13	22.07	22.25			
5	QPSK	1	24	22.14	21.92	22.10			
5	QPSK	12	0	21.30	21.35	21.40	22		
5	QPSK	12	7	21.13	21.46	21.16			
5	QPSK	12	13	21.19	21.31	21.05			
5	QPSK	25	0	21.11	21.27	21.30	22		
5	16QAM	1	0	21.54	21.58	21.48			
5	16QAM	1	12	21.34	21.42	21.24			
5	16QAM	1	24	21.25	21.13	21.18	21		
5	16QAM	12	0	20.32	20.36	20.11			
5	16QAM	12	7	20.10	20.27	20.40			
5	16QAM	12	13	20.27	20.05	20.20	21		
5	16QAM	25	0	20.09	20.51	20.15			
Channel				18615	18900	19185	Tune-up limit (dBm)		
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	22.25	22.16	22.32	23		
3	QPSK	1	8	22.17	22.21	22.14			
3	QPSK	1	14	21.95	21.89	22.06			
3	QPSK	8	0	21.39	21.30	21.57	22		
3	QPSK	8	4	21.15	21.25	21.12			
3	QPSK	8	7	21.15	21.08	21.16			
3	QPSK	15	0	21.14	21.44	21.19	22		
3	16QAM	1	0	21.38	21.47	21.14			
3	16QAM	1	8	21.60	21.40	21.29			
3	16QAM	1	14	21.13	21.31	21.17	21		
3	16QAM	8	0	20.23	20.39	20.24			
3	16QAM	8	4	19.98	20.38	20.32			
3	16QAM	8	7	20.16	20.04	20.14	21		
3	16QAM	15	0	20.10	20.25	20.16			
Channel				18607	18900	19193	Tune-up limit (dBm)		
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	22.22	22.13	22.42	23		
1.4	QPSK	1	3	22.06	22.07	22.14			
1.4	QPSK	1	5	22.09	21.94	21.96			
1.4	QPSK	3	0	21.55	21.87	22.00	22		
1.4	QPSK	3	1	21.64	21.69	21.95			
1.4	QPSK	3	3	21.62	21.72	21.67			
1.4	QPSK	6	0	21.41	21.29	21.42	22		
1.4	16QAM	1	0	21.43	21.45	21.27			
1.4	16QAM	1	3	21.29	21.42	21.16			
1.4	16QAM	1	5	21.17	21.12	21.25	22		
1.4	16QAM	3	0	20.69	20.85	20.62			
1.4	16QAM	3	1	20.75	20.67	20.56			
1.4	16QAM	3	3	20.61	20.76	20.73	21		
1.4	16QAM	6	0	20.31	20.35	20.37			

Band 4 (AWS Band) (dBm) Part 27L (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	22.40	22.47	22.38	23
20	QPSK	1	49	22.37	22.36	22.31	
20	QPSK	1	99	22.16	22.21	22.24	
20	QPSK	50	0	21.37	21.56	21.41	22
20	QPSK	50	24	21.38	21.42	21.23	
20	QPSK	50	50	21.29	21.41	21.18	
20	QPSK	100	0	21.40	21.52	21.41	22
20	16QAM	1	0	21.46	21.53	21.47	
20	16QAM	1	49	21.23	21.48	21.47	
20	16QAM	1	99	21.27	21.37	21.41	21
20	16QAM	50	0	20.62	20.67	20.58	
20	16QAM	50	24	20.56	20.37	20.46	
20	16QAM	50	50	20.46	20.23	20.61	21
20	16QAM	100	0	20.31	20.68	20.26	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.29	22.32	22.27	23
15	QPSK	1	37	22.37	22.26	22.09	
15	QPSK	1	74	22.16	22.15	22.02	
15	QPSK	36	0	21.37	21.53	21.27	22
15	QPSK	36	20	21.22	21.46	21.40	
15	QPSK	36	39	21.39	21.50	21.03	
15	QPSK	75	0	21.25	21.42	21.45	22
15	16QAM	1	0	21.50	21.56	21.43	
15	16QAM	1	37	21.19	21.60	21.61	
15	16QAM	1	74	21.33	21.21	21.34	21
15	16QAM	36	0	20.80	20.79	20.69	
15	16QAM	36	20	20.45	20.68	20.40	
15	16QAM	36	39	20.41	20.68	20.67	21
15	16QAM	75	0	20.13	20.54	20.43	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.38	22.27	22.21	23
10	QPSK	1	25	22.26	22.17	22.24	
10	QPSK	1	49	21.95	22.19	22.06	
10	QPSK	25	0	21.44	21.60	21.35	22
10	QPSK	25	12	21.23	21.43	21.26	
10	QPSK	25	25	21.45	21.47	21.35	
10	QPSK	50	0	21.38	21.51	21.45	22
10	16QAM	1	0	21.44	21.63	21.30	
10	16QAM	1	25	21.27	21.58	21.60	
10	16QAM	1	49	21.24	21.52	21.35	21
10	16QAM	25	0	20.68	20.80	20.63	
10	16QAM	25	12	20.47	20.48	20.60	
10	16QAM	25	25	20.49	20.41	20.53	21
10	16QAM	50	0	20.48	20.83	20.52	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.35	22.33	22.22	23
5	QPSK	1	12	22.35	22.32	22.31	
5	QPSK	1	24	22.05	22.19	22.05	
5	QPSK	12	0	21.21	21.59	21.41	22
5	QPSK	12	7	21.41	21.22	21.39	
5	QPSK	12	13	21.42	21.22	21.22	
5	QPSK	25	0	21.45	21.68	21.45	22
5	16QAM	1	0	21.28	21.63	21.29	
5	16QAM	1	12	21.29	21.60	21.65	
5	16QAM	1	24	21.18	21.16	21.55	21
5	16QAM	12	0	20.46	20.55	20.47	
5	16QAM	12	7	20.49	20.44	20.40	
5	16QAM	12	13	20.25	20.43	20.74	21
5	16QAM	25	0	20.34	20.54	20.32	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.33	22.36	22.26	23
3	QPSK	1	8	22.16	22.29	22.17	
3	QPSK	1	14	21.96	22.19	22.13	
3	QPSK	8	0	21.55	21.43	21.44	22
3	QPSK	8	4	21.17	21.31	21.16	
3	QPSK	8	7	21.37	21.21	21.09	
3	QPSK	15	0	21.22	21.67	21.58	22
3	16QAM	1	0	21.39	21.57	21.26	
3	16QAM	1	8	21.15	21.48	21.61	
3	16QAM	1	14	21.27	21.25	21.19	21
3	16QAM	8	0	20.52	20.62	20.58	
3	16QAM	8	4	20.35	20.37	20.55	
3	16QAM	8	7	20.52	20.32	20.67	21
3	16QAM	15	0	20.30	20.66	20.33	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.40	22.43	22.37	23
1.4	QPSK	1	3	22.30	22.22	22.15	
1.4	QPSK	1	5	21.95	22.01	22.03	
1.4	QPSK	3	0	21.71	21.84	21.77	22
1.4	QPSK	3	1	21.68	21.95	21.78	
1.4	QPSK	3	3	21.89	22.00	21.69	
1.4	QPSK	6	0	21.44	21.55	21.51	22
1.4	16QAM	1	0	21.38	21.61	21.26	
1.4	16QAM	1	3	21.28	21.48	21.58	
1.4	16QAM	1	5	21.16	21.52	21.58	22
1.4	16QAM	3	0	21.28	20.95	21.25	
1.4	16QAM	3	1	21.20	20.97	21.11	
1.4	16QAM	3	3	20.80	20.90	20.92	21
1.4	16QAM	6	0	20.39	20.85	20.38	

Band 5 (Celluar Band) (dBm) 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	23.18	23.21	23.15	24
10	QPSK	1	25	23.10	23.17	22.94	
10	QPSK	1	49	23.14	23.08	22.81	23
10	QPSK	25	0	22.01	22.33	22.12	
10	QPSK	25	12	21.96	22.08	22.27	23
10	QPSK	25	25	21.84	21.96	22.13	
10	QPSK	50	0	21.91	22.36	22.07	23
10	16QAM	1	0	22.02	22.33	21.87	
10	16QAM	1	25	22.16	21.89	21.91	22
10	16QAM	1	49	21.96	21.84	21.86	
10	16QAM	25	0	21.41	21.43	21.02	22
10	16QAM	25	12	21.23	21.01	20.96	
10	16QAM	25	25	21.13	21.08	21.03	22
10	16QAM	50	0	21.10	21.34	21.01	
Channel				20425	20525	20625	24
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.13	23.20	23.04	24
5	QPSK	1	12	23.10	23.05	22.90	
5	QPSK	1	24	23.07	23.08	22.70	23
5	QPSK	12	0	22.04	22.35	22.12	
5	QPSK	12	7	22.03	22.24	22.24	23
5	QPSK	12	13	21.86	22.14	21.96	
5	QPSK	25	0	22.01	22.37	21.93	23
5	16QAM	1	0	21.95	22.24	22.02	
5	16QAM	1	12	22.14	21.90	21.95	22
5	16QAM	1	24	21.88	21.81	21.84	
5	16QAM	12	0	21.37	21.26	21.12	22
5	16QAM	12	7	21.20	21.08	21.11	
5	16QAM	12	13	21.26	21.26	21.06	22
5	16QAM	25	0	20.94	21.23	21.10	
Channel				20415	20525	20635	24
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.04	23.10	23.14	24
3	QPSK	1	8	22.93	23.03	22.93	
3	QPSK	1	14	23.10	22.95	22.79	23
3	QPSK	8	0	21.85	21.87	22.26	
3	QPSK	8	4	21.95	21.90	22.22	23
3	QPSK	8	7	21.97	21.82	22.16	
3	QPSK	15	0	22.03	22.39	22.10	23
3	16QAM	1	0	21.98	22.31	21.90	
3	16QAM	1	8	22.22	22.07	21.92	22
3	16QAM	1	14	22.11	22.01	22.03	
3	16QAM	8	0	21.23	21.52	21.06	22
3	16QAM	8	4	21.21	21.24	21.06	
3	16QAM	8	7	21.19	21.04	21.09	22
3	16QAM	15	0	21.03	21.35	20.98	
Channel				20407	20525	20643	24
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.10	23.19	23.08	24
1.4	QPSK	1	3	22.99	23.15	22.93	
1.4	QPSK	1	5	23.08	22.90	22.78	23
1.4	QPSK	3	0	22.67	22.42	22.63	
1.4	QPSK	3	1	22.38	22.40	22.76	23
1.4	QPSK	3	3	22.34	22.32	22.64	
1.4	QPSK	6	0	22.08	22.34	22.15	23
1.4	16QAM	1	0	21.89	22.03	21.81	
1.4	16QAM	1	3	22.04	21.98	21.99	23
1.4	16QAM	1	5	21.91	21.87	21.94	
1.4	16QAM	3	0	21.86	21.85	21.61	22
1.4	16QAM	3	1	21.82	21.39	21.53	
1.4	16QAM	3	3	21.53	21.43	21.39	22
1.4	16QAM	6	0	20.95	21.42	21.18	

Band 7 (2600MHz Band) (dBm) Part 27							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20850	21100	21350	21.5
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.78	20.80	20.76	21.5
20	QPSK	1	49	20.61	20.51	20.38	
20	QPSK	1	99	20.58	20.68	20.49	20.5
20	QPSK	50	0	20.13	20.23	19.93	
20	QPSK	50	24	19.96	19.83	19.84	20.5
20	QPSK	50	50	19.68	19.76	19.68	
20	QPSK	100	0	19.64	20.01	19.68	20.5
20	16QAM	1	0	20.05	20.04	20.24	
20	16QAM	1	49	19.88	19.90	20.10	19.5
20	16QAM	1	99	19.76	19.78	19.98	
20	16QAM	50	0	18.82	18.97	18.81	19.5
20	16QAM	50	24	18.94	18.80	18.92	
20	16QAM	50	50	18.83	18.98	18.86	19.5
20	16QAM	100	0	18.69	18.45	18.68	
Channel				20825	21100	21375	21.5
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.62	20.70	20.75	21.5
15	QPSK	1	37	20.59	20.49	20.52	
15	QPSK	1	74	20.46	20.61	20.31	20.5
15	QPSK	36	0	20.30	20.06	19.98	
15	QPSK	36	20	19.83	19.86	19.82	20.5
15	QPSK	36	39	19.83	19.92	19.81	
15	QPSK	75	0	19.62	19.95	19.78	20.5
15	16QAM	1	0	20.06	20.10	20.15	
15	16QAM	1	37	19.80	19.99	20.03	19.5
15	16QAM	1	74	19.89	19.84	20.01	
15	16QAM	36	0	18.93	19.14	19.24	19.5
15	16QAM	36	20	19.05	18.74	18.99	
15	16QAM	36	39	18.95	18.94	18.77	19.5
15	16QAM	75	0	18.76	18.52	18.67	
Channel				20800	21100	21400	21.5
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.75	20.67	20.67	21.5
10	QPSK	1	25	20.47	20.39	20.30	
10	QPSK	1	49	20.48	20.53	20.44	20.5
10	QPSK	25	0	20.11	20.02	19.91	
10	QPSK	25	12	19.79	19.90	19.84	20.5
10	QPSK	25	25	19.68	19.83	19.82	
10	QPSK	50	0	19.46	19.93	19.73	20.5
10	16QAM	1	0	19.93	20.10	20.21	
10	16QAM	1	25	19.92	19.93	20.27	19.5
10	16QAM	1	49	19.83	19.95	19.92	
10	16QAM	25	0	19.05	19.07	19.09	19.5
10	16QAM	25	12	18.99	18.82	19.16	
10	16QAM	25	25	18.76	18.87	18.81	19.5
10	16QAM	50	0	18.59	18.38	18.62	
Channel				20775	21100	21425	21.5
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.66	20.77	20.66	21.5
5	QPSK	1	12	20.59	20.42	20.43	
5	QPSK	1	24	20.53	20.57	20.35	20.5
5	QPSK	12	0	19.95	19.91	20.01	
5	QPSK	12	7	20.03	19.89	19.67	20.5
5	QPSK	12	13	19.57	19.75	19.76	
5	QPSK	25	0	19.81	20.07	19.71	20.5
5	16QAM	1	0	20.12	19.98	20.18	
5	16QAM	1	12	19.82	19.88	20.03	19.5
5	16QAM	1	24	19.85	19.88	19.85	
5	16QAM	12	0	18.96	18.79	19.12	19.5
5	16QAM	12	7	18.82	18.67	19.16	
5	16QAM	12	13	18.76	18.96	19.02	19.5
5	16QAM	25	0	18.75	18.56	18.64	

Band 12 (700MHz Low Band) (dBm) Part 27F(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23090	23095	23130	24
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.23	23.27	23.22	24
10	QPSK	1	25	23.23	23.15	23.22	
10	QPSK	1	49	23.20	23.14	23.23	23
10	QPSK	25	0	22.10	22.22	22.13	
10	QPSK	25	12	22.22	22.22	22.15	23
10	QPSK	25	25	22.08	22.19	22.10	
10	QPSK	50	0	22.15	22.17	21.97	23
10	16QAM	1	0	22.35	22.43	22.58	
10	16QAM	1	25	22.60	22.28	22.52	23
10	16QAM	1	49	22.52	22.49	22.55	
10	16QAM	25	0	21.29	21.23	21.10	22
10	16QAM	25	12	21.31	21.06	21.34	
10	16QAM	25	25	21.23	21.38	21.11	22
10	16QAM	50	0	21.27	21.22	21.08	
Channel				23035	23095	23155	24
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.17	23.15	23.15	24
5	QPSK	1	12	23.13	22.98	23.16	
5	QPSK	1	24	23.04	22.97	23.12	23
5	QPSK	12	0	22.26	22.22	22.05	
5	QPSK	12	7	22.30	22.26	22.18	23
5	QPSK	12	13	22.25	22.02	22.06	
5	QPSK	25	0	22.12	22.34	21.86	23
5	16QAM	1	0	22.52	22.47	22.51	
5	16QAM	1	12	22.50	22.43	22.46	22
5	16QAM	1	24	22.62	22.56	22.40	
5	16QAM	12	0	21.26	21.28	20.95	22
5	16QAM	12	7	21.31	21.43	21.44	
5	16QAM	12	13	21.13	21.36	20.96	22
5	16QAM	25	0	21.41	21.21	21.24	
Channel				23025	23095	23165	24
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.11	23.20	23.22	24
3	QPSK	1	8	23.22	23.11	23.18	
3	QPSK	1	14	23.06	23.10	23.06	23
3	QPSK	8	0	22.28	22.08	22.26	
3	QPSK	8	4	22.14	22.11	22.17	23
3	QPSK	8	7	22.08	22.34	22.23	
3	QPSK	15	0	21.97	22.07	22.11	23
3	16QAM	1	0	22.28	22.25	22.44	
3	16QAM	1	8	22.53	22.36	22.34	22
3	16QAM	1	14	22.67	22.65	22.45	
3	16QAM	8	0	21.33	21.13	21.18	22
3	16QAM	8	4	21.38	21.06	21.22	
3	16QAM	8	7	21.17	21.54	21.23	22
3	16QAM	15	0	21.41	21.25	21.17	
Channel				23017	23095	23173	24
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.08	23.18	23.06	24
1.4	QPSK	1	3	23.06	23.00	23.17	
1.4	QPSK	1	5	23.06	23.03	23.13	23
1.4	QPSK	3	0	22.11	22.04	22.11	
1.4	QPSK	3	1	22.18	22.37	22.25	23
1.4	QPSK	3	3	22.07	22.32	22.28	
1.4	QPSK	6	0	22.12	22.22	22.03	23
1.4	16QAM	1	0	22.38	22.57	22.66	
1.4	16QAM	1	3	22.57	22.36	22.66	23
1.4	16QAM	1	5	22.52	22.42	22.46	
1.4	16QAM	3	0	21.19	21.36	21.17	22
1.4	16QAM	3	1	21.36	21.02	21.49	
1.4	16QAM	3	3	21.14	21.45	21.19	22
1.4	16QAM	6	0	21.33	21.19	20.91	

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	24
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.17	23.25	23.16	24
10	QPSK	1	25	23.16	23.15	23.22	
10	QPSK	1	49	23.08	23.18	23.24	23
10	QPSK	25	0	22.28	22.46	22.37	
10	QPSK	25	12	22.37	22.37	22.44	23
10	QPSK	25	25	22.28	22.40	22.34	
10	QPSK	50	0	22.28	22.42	22.32	23
10	16QAM	1	0	22.56	22.54	22.50	
10	16QAM	1	25	22.51	22.38	22.54	23
10	16QAM	1	49	22.38	22.64	22.52	
10	16QAM	25	0	21.32	21.50	21.65	22
10	16QAM	25	12	21.54	21.56	21.56	
10	16QAM	25	25	21.64	21.61	21.49	22
10	16QAM	50	0	21.55	21.43	21.27	
Channel				23755	23790	23825	24
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.03	23.24	23.15	24
5	QPSK	1	12	23.03	22.99	23.18	
5	QPSK	1	24	22.99	23.13	23.10	23
5	QPSK	12	0	22.16	22.57	22.31	
5	QPSK	12	7	22.27	22.37	22.32	23
5	QPSK	12	13	22.17	22.49	22.20	
5	QPSK	25	0	22.20	22.30	22.18	23
5	16QAM	1	0	22.64	22.49	22.38	
5	16QAM	1	12	22.45	22.22	22.59	22
5	16QAM	1	24	22.24	22.64	22.42	
5	16QAM	12	0	21.23	21.49	21.58	22
5	16QAM	12	7	21.57	21.38	21.50	
5	16QAM	12	13	21.51	21.36	21.36	22
5	16QAM	25	0	21.59	21.35	21.10	

Band 38(only on channel required) (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.89	21.92	22.00	23
20	QPSK	1	49	21.89	21.78	21.74	
20	QPSK	1	99	21.80	21.82	21.89	
20	QPSK	50	0	21.13	21.30	21.33	22
20	QPSK	50	24	21.20	21.24	21.27	
20	QPSK	50	50	21.15	21.27	21.16	
20	QPSK	100	0	21.25	21.42	21.48	22
20	16QAM	1	0	21.12	20.96	20.96	
20	16QAM	1	49	21.10	20.94	20.88	
20	16QAM	1	99	20.94	21.11	20.85	21
20	16QAM	50	0	20.38	20.23	20.11	
20	16QAM	50	24	20.26	20.30	20.21	
20	16QAM	50	50	20.39	20.21	20.25	21
20	16QAM	100	0	20.20	20.30	20.43	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.76	21.87	21.96	23
15	QPSK	1	37	21.79	21.64	21.66	
15	QPSK	1	74	21.63	21.65	21.82	
15	QPSK	36	0	21.21	21.22	21.36	22
15	QPSK	36	20	21.06	21.17	21.43	
15	QPSK	36	39	21.00	21.19	21.24	
15	QPSK	75	0	21.13	21.59	21.41	22
15	16QAM	1	0	21.19	21.09	20.87	
15	16QAM	1	37	21.08	20.99	20.96	
15	16QAM	1	74	21.11	21.13	20.93	21
15	16QAM	36	0	20.34	20.27	20.21	
15	16QAM	36	20	20.30	20.35	20.16	
15	16QAM	36	39	20.34	20.04	20.12	21
15	16QAM	75	0	20.09	20.21	20.30	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.75	21.85	21.84	23
10	QPSK	1	25	21.84	21.69	21.58	
10	QPSK	1	49	21.74	21.66	21.72	
10	QPSK	25	0	21.31	21.32	21.10	22
10	QPSK	25	12	21.10	21.40	21.23	
10	QPSK	25	25	21.18	21.43	21.06	
10	QPSK	50	0	21.38	21.26	21.42	22
10	16QAM	1	0	21.05	20.81	21.02	
10	16QAM	1	25	20.97	21.00	20.94	
10	16QAM	1	49	21.12	21.29	20.83	21
10	16QAM	25	0	20.31	20.18	20.26	
10	16QAM	25	12	20.13	20.46	20.03	
10	16QAM	25	25	20.37	20.11	20.12	21
10	16QAM	50	0	20.36	20.48	20.38	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.74	21.92	21.83	23
5	QPSK	1	12	21.87	21.75	21.64	
5	QPSK	1	24	21.63	21.82	21.89	
5	QPSK	12	0	21.21	21.17	21.22	22
5	QPSK	12	7	21.12	21.42	21.29	
5	QPSK	12	13	21.08	21.45	21.27	
5	QPSK	25	0	21.39	21.40	21.56	22
5	16QAM	1	0	21.01	20.94	21.08	
5	16QAM	1	12	21.16	21.10	21.05	
5	16QAM	1	24	20.78	21.24	20.83	21
5	16QAM	12	0	20.31	20.34	20.06	
5	16QAM	12	7	20.20	20.18	20.38	
5	16QAM	12	13	20.52	20.29	20.18	21
5	16QAM	25	0	20.35	20.47	20.39	

Band 66 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	23
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.11	22.29	22.23	23
20	QPSK	1	49	22.11	22.12	22.19	
20	QPSK	1	99	22.25	22.16	22.25	
20	QPSK	50	0	21.57	21.68	21.49	22
20	QPSK	50	24	21.52	21.57	21.57	
20	QPSK	50	50	21.51	21.65	21.59	
20	QPSK	100	0	21.48	21.51	21.39	22
20	16QAM	1	0	21.30	21.47	21.56	
20	16QAM	1	49	21.37	21.42	21.60	
20	16QAM	1	99	21.56	21.60	21.55	21
20	16QAM	50	0	20.46	20.49	20.56	
20	16QAM	50	24	20.44	20.63	20.31	
20	16QAM	50	50	20.37	20.60	20.32	21
20	16QAM	100	0	20.19	20.26	20.34	
Channel				132047	132322	132597	23
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.00	22.15	22.20	23
15	QPSK	1	37	21.94	22.06	22.10	
15	QPSK	1	74	22.11	21.98	22.10	
15	QPSK	36	0	21.45	21.65	21.49	22
15	QPSK	36	20	21.59	21.75	21.44	
15	QPSK	36	39	21.48	21.68	21.75	
15	QPSK	75	0	21.64	21.53	21.35	22
15	16QAM	1	0	21.31	21.49	21.69	
15	16QAM	1	37	21.45	21.42	21.72	
15	16QAM	1	74	21.71	21.51	21.60	21
15	16QAM	36	0	20.38	20.57	20.65	
15	16QAM	36	20	20.51	20.73	20.42	
15	16QAM	36	39	20.50	20.50	20.28	21
15	16QAM	75	0	20.06	20.12	20.19	
Channel				132022	132322	132622	23
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.09	22.13	22.19	23
10	QPSK	1	25	21.94	22.00	22.05	
10	QPSK	1	49	22.09	22.10	22.08	
10	QPSK	25	0	21.75	21.74	21.65	22
10	QPSK	25	12	21.64	21.51	21.68	
10	QPSK	25	25	21.52	21.49	21.61	
10	QPSK	50	0	21.62	21.56	21.26	22
10	16QAM	1	0	21.44	21.43	21.65	
10	16QAM	1	25	21.34	21.33	21.55	
10	16QAM	1	49	21.69	21.42	21.50	21
10	16QAM	25	0	20.41	20.47	20.39	
10	16QAM	25	12	20.42	20.57	20.22	
10	16QAM	25	25	20.21	20.64	20.23	21
10	16QAM	50	0	20.31	20.31	20.28	
Channel				131997	132322	132647	23
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.97	22.18	22.17	23
5	QPSK	1	12	22.02	22.03	22.01	
5	QPSK	1	24	22.14	21.99	22.10	
5	QPSK	12	0	21.68	21.62	21.35	22
5	QPSK	12	7	21.44	21.65	21.53	
5	QPSK	12	13	21.43	21.66	21.44	
5	QPSK	25	0	21.62	21.60	21.25	22
5	16QAM	1	0	21.47	21.38	21.57	
5	16QAM	1	12	21.45	21.41	21.61	
5	16QAM	1	24	21.62	21.76	21.62	21
5	16QAM	12	0	20.54	20.36	20.56	
5	16QAM	12	7	20.56	20.60	20.20	
5	16QAM	12	13	20.24	20.59	20.14	21
5	16QAM	25	0	20.07	20.38	20.49	
Channel				131987	132322	132657	23
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.94	22.17	22.09	23
3	QPSK	1	8	22.02	22.10	22.15	
3	QPSK	1	14	22.21	22.05	22.12	
3	QPSK	8	0	21.59	21.83	21.53	22
3	QPSK	8	4	21.58	21.59	21.46	
3	QPSK	8	7	21.45	21.81	21.42	
3	QPSK	15	0	21.44	21.55	21.40	22
3	16QAM	1	0	21.36	21.64	21.72	
3	16QAM	1	8	21.38	21.41	21.54	
3	16QAM	1	14	21.56	21.47	21.43	21
3	16QAM	8	0	20.59	20.59	20.70	
3	16QAM	8	4	20.27	20.48	20.42	
3	16QAM	8	7	20.40	20.74	20.45	21
3	16QAM	15	0	20.10	20.13	20.45	
Channel				131979	132322	132665	23
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.03	22.12	22.12	23
1.4	QPSK	1	3	22.09	22.02	22.09	
1.4	QPSK	1	5	22.17	22.15	22.20	
1.4	QPSK	3	0	22.08	22.06	21.85	22
1.4	QPSK	3	1	22.00	21.99	22.23	
1.4	QPSK	3	3	21.91	21.98	22.19	
1.4	QPSK	6	0	21.32	21.65	21.36	22
1.4	16QAM	1	0	21.31	21.63	21.45	
1.4	16QAM	1	3	21.30	21.42	21.55	
1.4	16QAM	1	5	21.50	21.68	21.73	22
1.4	16QAM	3	0	20.83	21.09	20.88	
1.4	16QAM	3	1	20.77	21.06	20.97	
1.4	16QAM	3	3	20.89	20.94	20.78	21
1.4	16QAM	6	0	20.02	20.36	20.16	