



REPORT No.: SZ24100189S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

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

Full Power

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	24
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.85	22.92	22.83	
20	QPSK	1	49	22.84	22.86	22.79	23
20	QPSK	1	99	22.76	22.83	22.80	
20	QPSK	50	0	21.90	21.95	21.91	
20	QPSK	50	24	21.87	21.81	21.79	23
20	QPSK	50	50	21.84	21.87	21.80	
20	QPSK	100	0	21.87	21.88	21.77	
20	16QAM	1	0	22.14	22.05	21.88	23
20	16QAM	1	49	22.02	22.11	22.06	
20	16QAM	1	99	22.12	21.89	22.16	
20	16QAM	50	0	20.95	20.90	20.94	22
20	16QAM	50	24	21.04	20.89	20.88	
20	16QAM	50	50	20.91	20.94	20.96	
20	16QAM	100	0	20.89	20.91	20.87	23
20	64QAM	1	0	21.89	22.03	21.98	
20	64QAM	1	49	21.92	21.96	21.86	
20	64QAM	1	99	22.02	21.90	21.72	22
20	64QAM	50	0	20.97	20.86	20.86	
20	64QAM	50	24	20.80	20.81	20.88	
20	64QAM	50	50	20.93	20.86	20.91	19
20	64QAM	100	0	20.85	20.88	20.87	
20	256QAM	1	0	17.79	17.80	17.76	
20	256QAM	1	49	17.71	17.76	17.66	19
20	256QAM	1	99	17.81	17.70	17.52	
20	256QAM	50	0	17.66	17.56	17.56	19
20	256QAM	50	24	17.49	17.51	17.58	
20	256QAM	50	50	17.62	17.56	17.61	
20	256QAM	100	0	17.54	17.58	17.57	24
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.80	22.83	22.76	23
15	QPSK	1	37	22.72	22.74	22.67	
15	QPSK	1	74	22.64	22.71	22.68	
15	QPSK	36	0	21.78	21.83	21.79	23
15	QPSK	36	20	21.75	21.69	21.67	
15	QPSK	36	39	21.72	21.75	21.68	
15	QPSK	75	0	21.75	21.76	21.65	23
15	16QAM	1	0	22.02	21.93	21.76	
15	16QAM	1	37	21.90	21.99	21.94	
15	16QAM	1	74	22.00	21.77	22.04	22
15	16QAM	36	0	20.83	20.78	20.82	
15	16QAM	36	20	20.92	20.77	20.76	
15	16QAM	36	39	20.79	20.82	20.84	23
15	16QAM	75	0	20.77	20.79	20.75	
15	64QAM	1	0	21.77	21.91	21.86	
15	64QAM	1	37	21.80	21.84	21.74	22
15	64QAM	1	74	21.90	21.78	21.60	
15	64QAM	36	0	20.85	20.74	20.74	
15	64QAM	36	20	20.68	20.69	20.76	19
15	64QAM	36	39	20.81	20.74	20.79	
15	64QAM	75	0	20.73	20.76	20.75	
15	256QAM	1	0	17.67	17.68	17.64	19
15	256QAM	1	37	17.59	17.64	17.54	
15	256QAM	1	74	17.69	17.58	17.40	
15	256QAM	36	0	17.54	17.44	17.44	19
15	256QAM	36	20	17.37	17.39	17.46	
15	256QAM	36	39	17.50	17.44	17.49	
15	256QAM	75	0	17.42	17.46	17.45	24
Channel				18650	18900	19150	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.78	22.81	22.74	23
10	QPSK	1	25	22.70	22.72	22.65	
10	QPSK	1	49	22.62	22.69	22.66	
10	QPSK	25	0	21.76	21.81	21.77	23
10	QPSK	25	12	21.73	21.67	21.65	
10	QPSK	25	25	21.70	21.73	21.66	
10	QPSK	50	0	21.73	21.74	21.63	23
10	16QAM	1	0	22.00	21.91	21.74	
10	16QAM	1	25	21.88	21.97	21.92	
10	16QAM	1	49	21.98	21.75	22.02	22
10	16QAM	25	0	20.81	20.76	20.80	
10	16QAM	25	12	20.90	20.75	20.74	
10	16QAM	25	25	20.77	20.80	20.82	23
10	16QAM	50	0	20.75	20.77	20.73	
10	64QAM	1	0	21.75	21.89	21.84	
10	64QAM	1	25	21.78	21.82	21.72	22
10	64QAM	1	49	21.88	21.76	21.58	
10	64QAM	25	0	20.83	20.72	20.72	
10	64QAM	25	12	20.66	20.67	20.74	19
10	64QAM	25	25	20.79	20.72	20.77	
10	64QAM	50	0	20.71	20.74	20.73	
10	256QAM	1	0	17.65	17.66	17.62	19
10	256QAM	1	25	17.57	17.62	17.52	
10	256QAM	1	49	17.67	17.56	17.38	
10	256QAM	25	0	17.52	17.42	17.42	19
10	256QAM	25	12	17.35	17.37	17.44	
10	256QAM	25	25	17.48	17.42	17.47	
10	256QAM	50	0	17.40	17.44	17.43	24
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	
5	QPSK	25	0	21.66	21.67	21.56	23
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.71	22.74	22.67	23
5	QPSK	1	12	22.63	22.65	22.58	
5	QPSK	1	24	22.55	22.62	22.59	
5	QPSK	12	0	21.69	21.74	21.70	23
5	QPSK	12	7	21.66	21.60	21.58	
5	QPSK	12	13	21.63	21.66	21.59	

5	16QAM	1	0	21.93	21.84	21.67	23
5	16QAM	1	12	21.81	21.90	21.85	
5	16QAM	1	24	21.91	21.68	21.95	
5	16QAM	12	0	20.74	20.89	20.73	22
5	16QAM	12	7	20.83	20.68	20.67	
5	16QAM	12	13	20.70	20.73	20.75	
5	16QAM	25	0	20.68	20.70	20.66	23
5	64QAM	1	0	21.68	21.82	21.77	
5	64QAM	1	12	21.71	21.75	21.65	
5	64QAM	1	24	21.81	21.69	21.51	22
5	64QAM	12	0	20.76	20.65	20.65	
5	64QAM	12	7	20.59	20.60	20.67	
5	64QAM	12	13	20.72	20.65	20.70	19
5	64QAM	25	0	20.64	20.67	20.66	
5	256QAM	1	0	17.68	17.83	17.76	
5	256QAM	1	12	17.73	17.72	17.52	19
5	256QAM	1	24	17.78	17.73	17.38	
5	256QAM	12	0	17.76	17.51	17.65	
5	256QAM	12	7	17.47	17.50	17.66	19
5	256QAM	12	13	17.63	17.47	17.52	
5	256QAM	25	0	17.49	17.44	17.44	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.09	22.12	22.05	24
3	QPSK	1	8	22.01	22.03	21.96	
3	QPSK	1	14	21.93	22.00	21.97	
3	QPSK	8	0	21.07	21.12	21.08	23
3	QPSK	8	4	21.04	20.98	20.96	
3	QPSK	8	7	21.01	21.04	20.97	
3	QPSK	15	0	21.04	21.05	20.94	23
3	16QAM	1	0	21.31	21.22	21.05	
3	16QAM	1	8	21.19	21.28	21.23	
3	16QAM	1	14	21.29	21.06	21.33	22
3	16QAM	8	0	20.12	20.07	20.11	
3	16QAM	8	4	20.21	20.06	20.05	
3	16QAM	8	7	20.08	20.11	20.13	23
3	16QAM	15	0	20.06	20.08	20.04	
3	64QAM	1	0	21.61	21.75	21.70	
3	64QAM	1	8	21.64	21.68	21.58	22
3	64QAM	1	14	21.74	21.62	21.44	
3	64QAM	8	0	20.69	20.68	20.58	
3	64QAM	8	4	20.52	20.53	20.60	19
3	64QAM	8	7	20.65	20.58	20.63	
3	64QAM	15	0	20.57	20.60	20.59	
3	256QAM	1	0	17.86	17.70	17.68	19
3	256QAM	1	8	17.70	17.68	17.68	
3	256QAM	1	14	17.79	17.69	17.55	
3	256QAM	8	0	17.62	17.59	17.56	19
3	256QAM	8	4	17.48	17.60	17.56	
3	256QAM	8	7	17.70	17.48	17.57	
3	256QAM	15	0	17.60	17.47	17.58	Tune-up limit (dBm)
Channel				18607	18900	19193	
Frequency (MHz)				1850.7	1880	1909.3	24
1.4	QPSK	1	0	22.72	22.75	22.68	
1.4	QPSK	1	3	22.64	22.66	22.59	
1.4	QPSK	1	5	22.56	22.63	22.60	23
1.4	QPSK	3	0	21.70	21.75	21.71	
1.4	QPSK	3	1	21.67	21.61	21.59	
1.4	QPSK	3	3	21.64	21.67	21.60	23
1.4	QPSK	6	0	21.67	21.68	21.57	
1.4	16QAM	1	0	21.94	21.85	21.68	
1.4	16QAM	1	3	21.82	21.91	21.86	22
1.4	16QAM	1	5	21.92	21.69	21.96	
1.4	16QAM	3	0	20.75	20.70	20.74	
1.4	16QAM	3	1	20.84	20.69	20.68	23
1.4	16QAM	3	3	20.71	20.74	20.76	
1.4	16QAM	6	0	20.64	20.66	20.62	
1.4	64QAM	1	0	21.64	21.78	21.73	23
1.4	64QAM	1	3	21.67	21.71	21.61	
1.4	64QAM	1	5	21.77	21.65	21.47	
1.4	64QAM	3	0	21.62	21.51	21.51	22
1.4	64QAM	3	1	21.45	21.46	21.53	
1.4	64QAM	3	3	21.58	21.51	21.56	
1.4	64QAM	6	0	20.85	20.88	20.87	19
1.4	256QAM	1	0	17.64	17.80	17.64	
1.4	256QAM	1	3	17.57	17.66	17.69	
1.4	256QAM	1	5	17.74	17.64	17.39	19
1.4	256QAM	3	0	17.72	17.65	17.58	
1.4	256QAM	3	1	17.59	17.47	17.44	
1.4	256QAM	3	3	17.47	17.53	17.47	19
1.4	256QAM	6	0	17.43	17.43	17.56	

5	16QAM	1	0	22.15	22.06	21.89	23
5	16QAM	1	12	22.03	22.12	22.07	
5	16QAM	1	24	22.13	21.90	22.17	
5	16QAM	12	0	20.84	20.79	20.83	22
5	16QAM	12	7	21.05	20.90	20.89	
5	16QAM	12	13	20.92	20.95	20.97	
5	16QAM	25	0	20.90	20.92	20.88	23
5	64QAM	1	0	21.60	21.74	21.69	
5	64QAM	1	12	21.63	21.67	21.57	
5	64QAM	1	24	21.73	21.61	21.43	22
5	64QAM	12	0	20.98	20.87	20.87	
5	64QAM	12	7	20.81	20.82	20.89	
5	64QAM	12	13	20.94	20.87	20.92	19
5	64QAM	25	0	20.86	20.89	20.88	
5	256QAM	1	0	17.87	17.78	17.79	
5	256QAM	1	12	17.73	17.66	17.65	19
5	256QAM	1	24	17.71	17.68	17.57	
5	256QAM	12	0	17.82	17.52	17.61	
5	256QAM	12	7	17.38	17.44	17.50	19
5	256QAM	12	13	17.66	17.59	17.69	
5	256QAM	25	0	17.40	17.49	17.43	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.59	22.66	22.62	24
3	QPSK	1	8	22.64	22.66	22.59	
3	QPSK	1	14	22.59	22.63	22.60	
3	QPSK	8	0	21.85	21.91	21.83	23
3	QPSK	8	4	21.81	21.75	21.73	
3	QPSK	8	7	21.78	21.81	21.74	
3	QPSK	15	0	21.81	21.82	21.71	23
3	16QAM	1	0	22.08	21.99	21.82	
3	16QAM	1	8	21.96	22.05	22.00	
3	16QAM	1	14	22.06	21.83	22.10	22
3	16QAM	8	0	20.77	20.72	20.76	
3	16QAM	8	4	20.98	20.83	20.82	
3	16QAM	8	7	20.85	20.88	20.90	23
3	16QAM	15	0	20.83	20.85	20.81	
3	64QAM	1	0	21.53	21.67	21.62	
3	64QAM	1	8	21.56	21.60	21.50	22
3	64QAM	1	14	21.66	21.54	21.36	
3	64QAM	8	0	20.91	20.80	20.80	
3	64QAM	8	4	20.74	20.75	20.82	19
3	64QAM	8	7	20.87	20.80	20.85	
3	64QAM	15	0	20.79	20.82	20.81	
3	256QAM	1	0	17.69	17.67	17.61	19
3	256QAM	1	8	17.66	17.73	17.52	
3	256QAM	1	14	17.66	17.72	17.44	
3	256QAM	8	0	17.75	17.50	17.54	19
3	256QAM	8	4	17.59	17.53	17.47	
3	256QAM	8	7	17.60	17.59	17.47	
3	256QAM	15	0	17.44	17.52	17.52	Tune-up limit (dBm)
Channel				19957	20175	20393	
Frequency (MHz)				1710.7	1732.5	1754.3	24
1.4	QPSK	1	0	22.52	22.59	22.55	
1.4	QPSK	1	3	22.57	22.59	22.52	
1.4	QPSK	1	5	22.52	22.56	22.53	23
1.4	QPSK	3	0	21.78	21.84	21.76	
1.4	QPSK	3	1	21.74	21.68	21.66	
1.4	QPSK	3	3	21.71	21.74	21.67	23
1.4	QPSK	6	0	21.74	21.75	21.64	
1.4	16QAM	1	0	22.01	21.92	21.75	
1.4	16QAM	1	3	21.89	21.98	21.93	22
1.4	16QAM	1	5	21.99	21.76	22.03	
1.4	16QAM	3	0	20.70	20.65	20.69	
1.4	16QAM	3	1	20.91	20.76	20.75	23
1.4	16QAM	3	3	20.78	20.81	20.83	
1.4	16QAM	6	0	20.76	20.78	20.74	
1.4	64QAM	1	0	21.46	21.60	21.55	23
1.4	64QAM	1	3	21.49	21.53	21.43	
1.4	64QAM	1	5	21.59	21.47	21.29	
1.4	64QAM	3	0	21.44	21.33	21.33	22
1.4	64QAM	3	1	21.27	21.28	21.35	
1.4	64QAM	3	3	21.40	21.33	21.38	
1.4	64QAM	6	0	21.32	21.35	21.34	19
1.4	256QAM	1	0	17.88	17.82	17.65	
1.4	256QAM	1	3	17.77	17.81	17.64	
1.4	256QAM	1	5	17.84	17.77	17.62	19
1.4	256QAM	3	0	17.54	17.64	17.66	
1.4	256QAM	3	1	17.49	17.49	17.62	
1.4	256QAM	3	3	17.52	17.56	17.61	19
1.4	256QAM	6	0	17.59	17.64	17.47	

Band 5 (Cellular 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	23.20	23.28	23.22	24
10	QPSK	1	25	23.22	23.25	23.14	
10	QPSK	1	49	23.14	23.21	22.96	
10	QPSK	25	0	22.31	22.35	22.33	
10	QPSK	25	12	22.24	22.21	22.16	23
10	QPSK	25	25	22.16	22.12	22.15	
10	QPSK	50	0	22.05	22.07	22.04	
10	16QAM	1	0	22.14	22.04	22.00	
10	16QAM	1	25	22.13	22.31	22.17	23
10	16QAM	1	49	22.10	22.11	22.03	
10	16QAM	25	0	21.09	21.00	20.97	
10	16QAM	25	12	21.01	20.97	20.94	
10	16QAM	25	25	21.09	21.05	21.00	22
10	16QAM	50	0	21.13	20.99	20.96	
10	64QAM	1	0	21.75	21.82	21.71	
10	64QAM	1	25	21.62	21.60	21.66	
10	64QAM	1	49	21.77	21.57	21.73	23
10	64QAM	25	0	21.12	21.05	21.00	
10	64QAM	25	12	21.20	21.00	21.05	
10	64QAM	25	25	21.04	21.05	21.00	
10	64QAM	50	0	21.05	21.02	21.04	22
10	256QAM	1	0	17.81	17.65	17.80	
10	256QAM	1	25	17.79	17.65	17.59	
10	256QAM	1	49	17.69	17.67	17.42	
10	256QAM	25	0	17.58	17.47	17.45	19
10	256QAM	25	12	17.59	17.42	17.45	
10	256QAM	25	25	17.63	17.63	17.48	
10	256QAM	50	0	17.45	17.56	17.53	
Channel				20425	20525	20625	24
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.17	23.19	23.14	24
5	QPSK	1	12	23.10	23.13	23.02	
5	QPSK	1	24	23.02	23.09	22.84	
5	QPSK	12	0	22.19	22.23	22.21	
5	QPSK	12	7	22.12	22.09	22.04	23
5	QPSK	12	13	22.04	22.00	22.03	
5	QPSK	25	0	21.93	21.95	21.92	
5	16QAM	1	0	22.02	21.92	21.88	
5	16QAM	1	12	22.01	22.19	22.05	23
5	16QAM	1	24	21.98	21.99	21.91	
5	16QAM	12	0	20.97	20.88	20.85	
5	16QAM	12	7	20.89	20.85	20.82	
5	16QAM	12	13	20.97	20.93	20.88	22
5	16QAM	25	0	21.01	20.87	20.84	
5	64QAM	1	0	21.63	21.70	21.59	
5	64QAM	1	12	21.50	21.48	21.54	
5	64QAM	1	24	21.65	21.45	21.61	23
5	64QAM	12	0	21.00	20.93	20.88	
5	64QAM	12	7	21.08	20.88	20.93	
5	64QAM	12	13	20.92	20.93	20.88	
5	64QAM	25	0	20.93	20.90	20.92	22
5	256QAM	1	0	17.83	17.80	17.76	
5	256QAM	1	12	17.65	17.67	17.62	
5	256QAM	1	24	17.83	17.76	17.39	
5	256QAM	12	0	17.76	17.47	17.50	19
5	256QAM	12	7	17.35	17.50	17.67	
5	256QAM	12	13	17.63	17.56	17.52	
5	256QAM	25	0	17.49	17.50	17.50	
Channel				20415	20525	20635	24
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.12	23.14	23.09	24
3	QPSK	1	8	23.05	23.08	22.97	
3	QPSK	1	14	22.97	23.04	22.79	
3	QPSK	8	0	22.14	22.18	22.16	
3	QPSK	8	4	22.07	22.04	21.99	23
3	QPSK	8	7	21.99	21.95	21.98	
3	QPSK	15	0	21.88	21.90	21.87	
3	16QAM	1	0	21.97	21.87	21.83	
3	16QAM	1	8	21.96	22.14	22.00	23
3	16QAM	1	14	21.93	21.94	21.86	
3	16QAM	8	0	20.92	20.83	20.80	
3	16QAM	8	4	20.84	20.80	20.77	
3	16QAM	8	7	20.92	20.88	20.83	22
3	16QAM	15	0	20.96	20.82	20.79	
3	64QAM	1	0	21.58	21.65	21.54	
3	64QAM	1	8	21.45	21.43	21.49	
3	64QAM	1	14	21.60	21.40	21.56	23
3	64QAM	8	0	20.95	20.88	20.83	
3	64QAM	8	4	21.03	20.83	20.88	
3	64QAM	8	7	20.87	20.88	20.83	
3	64QAM	15	0	20.88	20.85	20.87	22
3	256QAM	1	0	17.77	17.75	17.84	
3	256QAM	1	8	17.64	17.70	17.69	
3	256QAM	1	14	17.79	17.80	17.37	
3	256QAM	8	0	17.59	17.50	17.62	19
3	256QAM	8	4	17.50	17.51	17.53	
3	256QAM	8	7	17.63	17.57	17.51	
3	256QAM	15	0	17.46	17.52	17.66	
Channel				20407	20525	20643	24
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.10	23.12	23.07	24
1.4	QPSK	1	3	23.03	23.06	22.95	
1.4	QPSK	1	5	22.95	23.02	22.77	
1.4	QPSK	3	0	22.12	22.16	22.14	
1.4	QPSK	3	1	22.05	22.02	21.97	23
1.4	QPSK	3	3	21.97	21.93	21.96	
1.4	QPSK	6	0	21.86	21.88	21.85	

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	
Frequency (MHz)				2510	2535	2560	24
20	QPSK	1	0	22.95	22.96	22.89	
20	QPSK	1	49	22.75	22.82	22.87	
20	QPSK	1	99	22.86	22.87	22.88	
20	QPSK	50	0	21.82	21.90	21.85	
20	QPSK	50	24	21.75	21.80	21.79	23
20	QPSK	50	50	21.78	21.77	21.79	
20	QPSK	100	0	21.73	21.75	21.70	
20	16QAM	1	0	22.19	22.13	22.18	23
20	16QAM	1	49	22.26	22.25	22.17	
20	16QAM	1	99	22.27	22.32	22.28	
20	16QAM	50	0	20.87	20.82	20.88	
20	16QAM	50	24	20.71	20.76	20.68	
20	16QAM	50	50	20.70	20.81	20.66	22
20	16QAM	100	0	20.69	20.74	20.79	
20	64QAM	1	0	21.77	21.81	21.85	
20	64QAM	1	49	21.81	21.87	21.62	23
20	64QAM	1	99	21.76	21.63	21.53	
20	64QAM	50	0	20.88	20.92	20.96	
20	64QAM	50	24	20.88	20.91	20.80	22
20	64QAM	50	50	20.85	21.00	20.94	
20	64QAM	100	0	20.93	20.92	20.82	
20	256QAM	1	0	17.86	17.82	17.74	19
20	256QAM	1	49	17.72	17.62	17.62	
20	256QAM	1	99	17.81	17.57	17.57	
20	256QAM	50	0	17.62	17.62	17.42	19
20	256QAM	50	24	17.45	17.48	17.56	
20	256QAM	50	50	17.63	17.61	17.67	
20	256QAM	100	0	17.57	17.44	17.67	Tune-up limit (dBm)
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	24
15	QPSK	1	0	22.79	22.89	22.92	
15	QPSK	1	37	22.62	22.84	22.87	24
15	QPSK	1	74	22.80	22.84	22.84	
15	QPSK	36	0	21.79	21.84	21.88	
15	QPSK	36	20	21.84	21.90	21.64	23
15	QPSK	36	39	21.82	21.82	21.81	
15	QPSK	75	0	21.64	21.62	21.60	
15	16QAM	1	0	22.25	22.07	22.05	23
15	16QAM	1	37	22.30	22.29	22.19	
15	16QAM	1	74	22.23	22.17	22.16	
15	16QAM	36	0	20.72	20.87	20.75	22
15	16QAM	36	20	20.57	20.61	20.76	
15	16QAM	36	39	20.79	20.80	20.57	
15	16QAM	75	0	20.65	20.82	20.89	23
15	64QAM	1	0	21.82	21.86	21.86	
15	64QAM	1	37	21.91	21.87	21.49	
15	64QAM	1	74	21.71	21.58	21.50	22
15	64QAM	36	0	20.80	20.77	20.95	
15	64QAM	36	20	20.80	20.82	20.78	
15	64QAM	36	39	20.76	20.99	21.02	19
15	64QAM	75	0	20.92	20.79	20.80	
15	256QAM	1	0	17.68	17.88	17.76	
15	256QAM	1	37	17.56	17.79	17.61	19
15	256QAM	1	74	17.69	17.78	17.43	
15	256QAM	36	0	17.52	17.57	17.65	
15	256QAM	36	20	17.51	17.52	17.47	19
15	256QAM	36	39	17.52	17.53	17.62	
15	256QAM	75	0	17.56	17.47	17.52	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2585	
10	QPSK	1	0	22.84	22.92	22.87	24
10	QPSK	1	25	22.71	22.83	22.80	
10	QPSK	1	49	22.90	22.84	22.85	
10	QPSK	25	0	21.70	21.85	21.82	23
10	QPSK	25	12	21.63	21.77	21.77	
10	QPSK	25	25	21.76	21.64	21.74	
10	QPSK	50	0	21.64	21.70	21.62	23
10	16QAM	1	0	22.06	22.16	22.27	
10	16QAM	1	25	22.19	22.32	22.13	
10	16QAM	1	49	22.21	22.39	22.21	22
10	16QAM	25	0	20.84	20.92	20.82	
10	16QAM	25	12	20.75	20.61	20.66	
10	16QAM	25	25	20.69	20.90	20.60	23
10	16QAM	50	0	20.64	20.83	20.87	
10	64QAM	1	0	21.72	21.91	21.73	
10	64QAM	1	25	21.68	21.96	21.53	23
10	64QAM	1	49	21.77	21.51	21.62	
10	64QAM	25	0	20.89	20.80	20.92	
10	64QAM	25	12	20.86	20.92	20.72	22
10	64QAM	25	25	20.78	20.93	20.89	
10	64QAM	50	0	21.01	20.82	20.85	
10	256QAM	1	0	17.70	17.69	17.63	19
10	256QAM	1	25	17.57	17.66	17.70	
10	256QAM	1	49	17.68	17.80	17.48	
10	256QAM	25	0	17.63	17.64	17.41	19
10	256QAM	25	12	17.55	17.46	17.80	
10	256QAM	25	25	17.51	17.57	17.86	
10	256QAM	50	0	17.44	17.47	17.51	Tune-up limit (dBm)
Channel				20775	21100	21425	
Frequency (MHz)				2502.5	2535	2567.5	24
5	QPSK	1	0	22.81	22.87	22.82	
5	QPSK	1	12	22.73	22.74	22.81	24
5	QPSK	1	24	22.76	22.88	22.73	
5	QPSK	12	0	21.91	21.83	21.88	
5	QPSK	12	7	21.70	21.86	21.65	23
5	QPSK	12	13	21.63	21.66	21.77	
5	QPSK	25	0	21.80	21.81	21.60	

1.4	16QAM	1	0	21.95	21.85	21.81	23
1.4	16QAM	1	3	21.94	22.12	21.98	
1.4	16QAM	1	5	21.91	21.92	21.84	
1.4	16QAM	3	0	20.90	20.81	20.78	
1.4	16QAM	3	1	20.82	20.78	20.75	
1.4	16QAM	3	3	20.90	20.86	20.81	
1.4	16QAM	6	0	20.94	20.80	20.77	22
1.4	64QAM	1	0	21.56	21.63	21.52	23
1.4	64QAM	1	3	21.43	21.41	21.47	
1.4	64QAM	1	5	21.58	21.38	21.54	
1.4	64QAM	3	0	21.53	21.46	21.41	
1.4	64QAM	3	1	21.61	21.41	21.46	
1.4	64QAM	3	3	21.45	21.46	21.41	
1.4	64QAM	6	0	20.86	20.83	20.85	22
1.4	256QAM	1	0	17.72	17.68	17.69	19
1.4	256QAM	1	3	17.72	17.62	17.69	
1.4	256QAM	1	5	17.85	17.75	17.49	
1.4	256QAM	3	0	17.76	17.66	17.49	
1.4	256QAM	3	1	17.44	17.44	17.62	
1.4	256QAM	3	3	17.51	17.54	17.58	
1.4	256QAM	6	0	17.44	17.62	17.46	19

5	16QAM	1	0	22.27	22.22	22.22	23
5	16QAM	1	12	22.34	22.30	22.27	
5	16QAM	1	24	22.31	22.27	22.15	
5	16QAM	12	0	20.57	20.76	20.73	22
5	16QAM	12	7	20.62	20.64	20.63	
5	16QAM	12	13	20.59	20.77	20.56	
5	16QAM	25	0	20.70	20.84	20.85	
5	64QAM	1	0	21.76	21.73	21.87	23
5	64QAM	1	12	21.89	21.91	21.52	
5	64QAM	1	24	21.76	21.70	21.61	
5	64QAM	12	0	20.94	20.96	20.82	22
5	64QAM	12	7	20.85	21.01	20.75	
5	64QAM	12	13	20.78	20.85	20.87	
5	64QAM	25	0	20.92	20.98	20.70	
5	256QAM	1	0	17.72	17.81	17.71	19
5	256QAM	1	12	17.67	17.74	17.72	
5	256QAM	1	24	17.72	17.64	17.40	
5	256QAM	12	0	17.61	17.66	17.43	19
5	256QAM	12	7	17.37	17.54	17.51	
5	256QAM	12	13	17.66	17.48	17.50	
5	256QAM	25	0	17.56	17.62	17.65	

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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.24	23.28	23.20	24
10	QPSK	1	25	23.19	23.22	23.23	
10	QPSK	1	49	23.09	23.24	23.26	
10	QPSK	25	0	22.15	22.21	22.17	23
10	QPSK	25	12	22.04	21.95	22.02	
10	QPSK	25	25	22.04	21.99	21.96	
10	QPSK	50	0	21.98	21.97	22.03	23
10	16QAM	1	0	22.22	22.19	22.06	
10	16QAM	1	25	21.97	22.04	22.04	
10	16QAM	1	49	22.02	21.97	22.08	22
10	16QAM	25	0	21.00	21.02	21.13	
10	16QAM	25	12	20.98	21.03	21.00	
10	16QAM	25	25	21.10	21.07	21.09	23
10	16QAM	50	0	21.14	21.08	21.05	
10	64QAM	1	0	22.14	22.09	21.99	
10	64QAM	1	25	22.20	22.15	22.13	22
10	64QAM	1	49	22.26	22.28	22.22	
10	64QAM	25	0	20.98	21.18	21.02	
10	64QAM	25	12	21.05	21.11	21.13	19
10	64QAM	25	25	21.00	21.07	21.01	
10	64QAM	50	0	21.04	21.02	21.05	
10	256QAM	1	0	17.78	17.81	17.62	19
10	256QAM	1	25	17.61	17.77	17.74	
10	256QAM	1	49	17.86	17.56	17.51	
10	256QAM	25	0	17.61	17.41	17.58	19
10	256QAM	25	12	17.46	17.57	17.54	
10	256QAM	25	25	17.54	17.47	17.63	
10	256QAM	50	0	17.64	17.66	17.50	
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)
5	QPSK	1	0	23.21	23.25	23.20	24
5	QPSK	1	12	23.16	23.10	23.19	
5	QPSK	1	24	23.07	23.22	23.12	
5	QPSK	12	0	22.05	22.24	22.22	23
5	QPSK	12	7	22.00	21.91	21.98	
5	QPSK	12	13	22.13	22.06	21.96	
5	QPSK	25	0	21.86	21.90	22.07	23
5	16QAM	1	0	22.08	22.08	22.04	
5	16QAM	1	12	22.04	22.06	22.01	
5	16QAM	1	24	22.00	21.88	22.05	22
5	16QAM	12	0	21.05	21.09	21.20	
5	16QAM	12	7	20.83	21.03	20.87	
5	16QAM	12	13	21.06	21.09	21.12	23
5	16QAM	25	0	21.21	21.07	20.91	
5	64QAM	1	0	22.06	21.98	22.05	
5	64QAM	1	12	22.20	22.16	22.00	22
5	64QAM	1	24	22.34	22.28	22.24	
5	64QAM	12	0	21.00	21.10	21.08	
5	64QAM	12	7	21.14	21.10	21.13	19
5	64QAM	12	13	21.06	21.02	20.86	
5	64QAM	25	0	21.08	20.92	20.91	
5	256QAM	1	0	17.75	17.74	17.69	19
5	256QAM	1	12	17.78	17.86	17.58	
5	256QAM	1	24	17.85	17.69	17.38	
5	256QAM	12	0	17.69	17.43	17.49	19
5	256QAM	12	7	17.42	17.45	17.66	
5	256QAM	12	13	17.54	17.52	17.64	
5	256QAM	25	0	17.55	17.50	17.50	
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)
3	QPSK	1	0	23.20	23.24	23.22	24
3	QPSK	1	8	23.19	23.18	23.10	
3	QPSK	1	14	23.15	23.19	23.11	
3	QPSK	8	0	22.02	22.26	22.22	23
3	QPSK	8	4	22.13	21.92	21.93	
3	QPSK	8	7	22.02	21.86	21.93	
3	QPSK	15	0	21.88	22.02	21.95	23
3	16QAM	1	0	22.09	22.06	22.14	
3	16QAM	1	8	21.96	21.95	21.95	
3	16QAM	1	14	21.99	21.97	21.95	22
3	16QAM	8	0	20.86	20.87	21.06	
3	16QAM	8	4	20.93	20.91	20.95	
3	16QAM	8	7	21.03	21.03	21.09	23
3	16QAM	15	0	21.24	21.17	20.95	
3	64QAM	1	0	22.08	21.95	22.02	
3	64QAM	1	8	22.17	22.08	22.05	22
3	64QAM	1	14	22.14	22.37	22.07	
3	64QAM	8	0	21.03	21.24	20.94	
3	64QAM	8	4	20.90	21.00	21.18	19
3	64QAM	8	7	20.86	21.09	20.89	
3	64QAM	15	0	21.05	21.02	21.02	
3	256QAM	1	0	17.79	17.87	17.80	19
3	256QAM	1	8	17.81	17.70	17.60	
3	256QAM	1	14	17.77	17.70	17.62	
3	256QAM	8	0	17.61	17.49	17.62	19
3	256QAM	8	4	17.57	17.39	17.58	
3	256QAM	8	7	17.69	17.56	17.71	
3	256QAM	15	0	17.45	17.58	17.42	
Channel				23017	23095	23173	
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)
1.4	QPSK	1	0	23.18	23.19	23.15	24
1.4	QPSK	1	3	23.16	23.13	23.10	
1.4	QPSK	1	5	23.09	23.17	23.17	
1.4	QPSK	3	0	22.13	22.16	22.10	
1.4	QPSK	3	1	22.04	21.89	22.04	
1.4	QPSK	3	3	21.96	21.85	22.01	23
1.4	QPSK	6	0	21.84	21.87	21.94	

Band 13(700MHz Band) (dBm) Part 27F							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		23.20		24
10	QPSK	1	25		23.15		
10	QPSK	1	49		23.08		
10	QPSK	25	0		22.05		23
10	QPSK	25	12		21.97		
10	QPSK	25	25		21.98		
10	QPSK	50	0		21.99		23
10	16QAM	1	0		22.14		
10	16QAM	1	25		22.11		
10	16QAM	1	49		22.22		22
10	16QAM	25	0		21.08		
10	16QAM	25	12		21.08		
10	16QAM	25	25		21.00		23
10	16QAM	50	0		21.04		
10	64QAM	1	0		22.06		
10	64QAM	1	25		22.15		22
10	64QAM	1	49		22.09		
10	64QAM	25	0		21.06		
10	64QAM	25	12		21.03		19
10	64QAM	25	25		21.07		
10	64QAM	50	0		20.98		
10	256QAM	1	0		17.70		19
10	256QAM	1	25		17.62		
10	256QAM	1	49		17.77		
10	256QAM	25	0		17.63		19
10	256QAM	25	12		17.54		
10	256QAM	25	25		17.62		
10	256QAM	50	0		17.58		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.09	23.16	23.14	24
5	QPSK	1	12	22.95	23.10	23.12	
5	QPSK	1	24	22.87	23.04	23.10	
5	QPSK	12	0	21.93	21.97	22.02	23
5	QPSK	12	7	21.85	21.86	21.92	
5	QPSK	12	13	21.98	21.93	21.87	
5	QPSK	25	0	21.88	21.87	21.96	23
5	16QAM	1	0	22.12	22.10	21.85	
5	16QAM	1	12	21.81	21.91	21.83	
5	16QAM	1	24	21.96	21.83	21.86	22
5	16QAM	12	0	20.77	20.81	21.08	
5	16QAM	12	7	20.91	20.81	20.77	
5	16QAM	12	13	20.90	20.85	20.89	23
5	16QAM	25	0	20.95	20.89	20.83	
5	64QAM	1	0	21.90	21.99	21.83	
5	64QAM	1	12	22.02	21.99	21.99	23
5	64QAM	1	24	22.23	22.13	22.21	
5	64QAM	12	0	20.73	21.05	21.02	
5	64QAM	12	7	20.90	20.98	21.09	22
5	64QAM	12	13	20.83	20.87	20.83	
5	64QAM	25	0	20.86	20.91	20.80	
5	256QAM	1	0	17.68	17.90	17.78	19
5	256QAM	1	12	17.78	17.77	17.66	
5	256QAM	1	24	17.89	17.71	17.60	
5	256QAM	12	0	17.56	17.48	17.50	19
5	256QAM	12	7	17.55	17.60	17.49	
5	256QAM	12	13	17.67	17.54	17.71	
5	256QAM	25	0	17.60	17.60	17.47	

1.4	16QAM	1	0	22.19	22.19	21.93	23
1.4	16QAM	1	3	21.84	22.14	21.92	
1.4	16QAM	1	5	21.98	21.90	21.93	
1.4	16QAM	3	0	21.00	21.09	21.03	
1.4	16QAM	3	1	21.00	20.93	20.90	
1.4	16QAM	3	3	20.97	20.92	21.19	
1.4	16QAM	6	0	21.07	21.13	20.96	22
1.4	64QAM	1	0	22.12	21.98	22.04	23
1.4	64QAM	1	3	22.27	22.02	21.99	
1.4	64QAM	1	5	22.33	22.28	22.10	
1.4	64QAM	3	0	21.04	21.18	20.95	
1.4	64QAM	3	1	21.01	21.11	21.19	
1.4	64QAM	3	3	21.01	21.12	20.90	
1.4	64QAM	6	0	21.06	20.90	21.13	22
1.4	256QAM	1	0	17.69	17.76	17.86	19
1.4	256QAM	1	3	17.74	17.77	17.71	
1.4	256QAM	1	5	17.71	17.71	17.61	
1.4	256QAM	3	0	17.53	17.65	17.49	
1.4	256QAM	3	1	17.57	17.42	17.58	
1.4	256QAM	3	3	17.47	17.48	17.59	
1.4	256QAM	6	0	17.53	17.61	17.67	19

Band 14 (700MHz Band) (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		23.13		24
10	QPSK	1	25		23.10		
10	QPSK	1	49		23.08		
10	QPSK	25	0		22.04		23
10	QPSK	25	12		22.00		
10	QPSK	25	25		22.01		
10	QPSK	50	0		22.03		23
10	16QAM	1	0		22.17		
10	16QAM	1	25		22.14		
10	16QAM	1	49		22.06		22
10	16QAM	25	0		21.11		
10	16QAM	25	12		21.10		
10	16QAM	25	25		21.03		23
10	16QAM	50	0		21.07		
10	64QAM	1	0		22.09		
10	64QAM	1	25		22.18		22
10	64QAM	1	49		22.12		
10	64QAM	25	0		21.09		
10	64QAM	25	12		21.06		19
10	64QAM	25	25		21.10		
10	64QAM	50	0		21.01		
10	256QAM	1	0		17.79		19
10	256QAM	1	25		17.65		
10	256QAM	1	49		17.55		
10	256QAM	25	0		17.52		19
10	256QAM	25	12		17.49		
10	256QAM	25	25		17.46		
10	256QAM	50	0		17.68		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.06	23.10	23.09	24
5	QPSK	1	12	23.05	22.97	23.00	
5	QPSK	1	24	22.92	23.07	22.89	
5	QPSK	12	0	22.09	22.21	21.93	23
5	QPSK	12	7	21.93	21.88	22.01	
5	QPSK	12	13	21.88	21.88	21.81	
5	QPSK	25	0	21.91	21.87	21.91	23
5	16QAM	1	0	22.03	22.15	21.84	
5	16QAM	1	12	21.96	22.03	21.99	
5	16QAM	1	24	22.00	21.96	22.02	22
5	16QAM	12	0	20.83	20.90	21.11	
5	16QAM	12	7	20.93	20.94	20.90	
5	16QAM	12	13	20.92	20.91	20.86	23
5	16QAM	25	0	21.03	21.08	20.96	
5	64QAM	1	0	22.07	22.03	21.79	
5	64QAM	1	12	22.17	22.11	22.00	23
5	64QAM	1	24	22.18	22.21	21.97	
5	64QAM	12	0	20.95	21.06	20.87	
5	64QAM	12	7	21.05	21.03	21.03	22
5	64QAM	12	13	20.77	20.83	20.82	
5	64QAM	25	0	20.81	21.01	20.98	
5	256QAM	1	0	17.72	17.65	17.65	19
5	256QAM	1	12	17.71	17.65	17.70	
5	256QAM	1	24	17.80	17.72	17.53	
5	256QAM	12	0	17.64	17.47	17.64	19
5	256QAM	12	7	17.46	17.53	17.53	
5	256QAM	12	13	17.72	17.64	17.67	
5	256QAM	25	0	17.52	17.44	17.55	

Band 25 (1900MHz Band) (dBm)							
Part 24E							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				26140	26365	26590	24
Frequency (MHz)				1860	1882.5	1905	
20	QPSK	1	0		23.08	23.11	24
20	QPSK	1	49		23.00	23.06	
20	QPSK	1	99		22.85	22.92	
20	QPSK	50	0		21.88	22.10	23
20	QPSK	50	24		21.76	21.71	
20	QPSK	50	50		21.74	21.86	
20	QPSK	100	0		21.86	21.69	23
20	16QAM	1	0		22.06	22.08	
20	16QAM	1	49		21.84	21.84	
20	16QAM	1	99		21.90	21.75	22
20	16QAM	50	0		20.86	20.85	
20	16QAM	50	24		20.79	20.94	
20	16QAM	50	50		20.77	20.74	23
20	16QAM	100	0		20.85	20.80	
20	64QAM	1	0		21.91	22.12	
20	64QAM	1	49		22.02	21.99	22
20	64QAM	1	99		22.05	22.10	
20	64QAM	50	0		20.71	20.86	
20	64QAM	50	24		20.95	21.02	19
20	64QAM	50	50		20.87	20.78	
20	64QAM	100	0		20.74	20.85	
20	256QAM	1	0		17.72	17.87	19
20	256QAM	1	49		17.64	17.73	
20	256QAM	1	99		17.79	17.80	
20	256QAM	50	0		17.71	17.53	19
20	256QAM	50	24		17.55	17.46	
20	256QAM	50	50		17.51	17.58	
20	256QAM	100	0		17.64	17.48	24
Channel				26115	26365	26615	
Frequency (MHz)				1857.5	1882.5	1907.5	24
15	QPSK	1	0		23.04	23.08	
15	QPSK	1	37		22.94	23.05	23
15	QPSK	1	74		22.87	23.00	
15	QPSK	36	0		22.06	21.90	
15	QPSK	36	20		21.93	21.75	23
15	QPSK	36	39		21.84	21.82	
15	QPSK	75	0		21.70	21.83	
15	16QAM	1	0		22.12	22.07	23
15	16QAM	1	37		21.78	21.93	
15	16QAM	1	74		21.93	21.84	
15	16QAM	36	0		20.78	20.71	22
15	16QAM	36	20		20.68	20.80	
15	16QAM	36	39		20.84	20.91	
15	16QAM	75	0		20.96	20.81	23
15	64QAM	1	0		21.81	21.91	
15	64QAM	1	37		21.92	22.01	
15	64QAM	1	74		22.14	22.05	22
15	64QAM	36	0		20.68	21.06	
15	64QAM	36	20		20.86	20.97	
15	64QAM	36	39		20.67	20.79	19
15	64QAM	75	0		20.90	20.93	
15	256QAM	1	0		17.69	17.71	
15	256QAM	1	37		17.71	17.77	19
15	256QAM	1	74		17.89	17.70	
15	256QAM	36	0		17.53	17.41	
15	256QAM	36	20		17.45	17.55	19
15	256QAM	36	39		17.48	17.58	
15	256QAM	75	0		17.47	17.63	
Channel				26090	26365	26640	24
Frequency (MHz)				1855	1882.5	1910	
10	QPSK	1	0		22.98	23.04	24
10	QPSK	1	25		22.89	22.99	
10	QPSK	1	49		22.90	22.96	
10	QPSK	25	0		22.02	22.06	23
10	QPSK	25	12		21.71	21.85	
10	QPSK	25	25		21.86	21.75	
10	QPSK	50	0		21.86	21.86	23
10	16QAM	1	0		22.07	22.02	
10	16QAM	1	25		21.79	21.75	
10	16QAM	1	49		21.90	21.85	22
10	16QAM	25	0		20.77	20.69	
10	16QAM	25	12		20.76	20.75	
10	16QAM	25	25		20.89	20.75	23
10	16QAM	50	0		20.82	20.81	
10	64QAM	1	0		21.98	21.96	
10	64QAM	1	25		21.88	22.05	22
10	64QAM	1	49		22.10	21.98	
10	64QAM	25	0		20.79	20.90	
10	64QAM	25	12		20.75	20.97	19
10	64QAM	25	25		20.77	20.75	
10	64QAM	50	0		20.86	20.82	
10	256QAM	1	0		17.68	17.86	19
10	256QAM	1	25		17.59	17.67	
10	256QAM	1	49		17.78	17.58	
10	256QAM	25	0		17.71	17.45	19
10	256QAM	25	12		17.36	17.49	
10	256QAM	25	25		17.68	17.55	
10	256QAM	50	0		17.56	17.51	24
Channel				26065	26365	26665	
Frequency (MHz)				1852.5	1882.5	1912.5	24
5	QPSK	1	0		23.00	23.05	
5	QPSK	1	12		22.98	23.02	23
5	QPSK	1	24		22.95	22.92	
5	QPSK	12	0		21.88	21.99	
5	QPSK	12	7		21.75	21.78	23
5	QPSK	12	13		21.82	21.85	
5	QPSK	25	0		21.68	21.71	

5	16QAM	1	0	21.93	22.03	21.86	23
5	16QAM	1	12	21.82	21.91	21.80	
5	16QAM	1	24	21.81	21.67	21.77	
5	16QAM	12	0	20.81	20.74	21.05	22
5	16QAM	12	7	20.75	20.85	20.70	
5	16QAM	12	13	20.83	20.95	21.00	
5	16QAM	25	0	21.06	20.86	20.73	
5	64QAM	1	0	21.86	21.99	21.73	23
5	64QAM	1	12	21.98	22.07	21.91	
5	64QAM	1	24	22.06	22.06	22.00	
5	64QAM	12	0	20.67	20.97	20.84	
5	64QAM	12	7	20.76	20.86	20.81	22
5	64QAM	12	13	20.67	20.96	20.84	
5	64QAM	25	0	20.90	20.94	20.91	
5	256QAM	1	0	17.75	17.89	17.78	
5	256QAM	1	12	17.57	17.76	17.59	19
5	256QAM	1	24	17.68	17.60	17.56	
5	256QAM	12	0	17.72	17.63	17.46	
5	256QAM	12	7	17.48	17.60	17.57	
5	256QAM	12	13	17.64	17.60	17.64	19
5	256QAM	25	0	17.60	17.47	17.61	
Channel				26055	26365	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1882.5	1913.5	
3	QPSK	1	0	22.96	23.06	23.05	24
3	QPSK	1	8	23.00	23.04	23.02	
3	QPSK	1	14	22.82	23.02	22.97	
3	QPSK	8	0	22.01	22.04	21.98	
3	QPSK	8	4	21.80	21.83	21.79	23
3	QPSK	8	7	21.96	21.68	21.75	
3	QPSK	15	0	21.68	21.69	21.72	
3	16QAM	1	0	22.05	22.01	21.86	
3	16QAM	1	8	21.80	21.94	21.84	23
3	16QAM	1	14	21.71	21.79	21.76	
3	16QAM	8	0	20.87	20.94	20.93	
3	16QAM	8	4	20.71	20.79	20.84	
3	16QAM	8	7	21.02	20.76	21.01	22
3	16QAM	15	0	20.81	20.79	20.94	
3	64QAM	1	0	21.88	21.91	21.89	
3	64QAM	1	8	21.94	22.06	21.94	
3	64QAM	1	14	22.02	22.11	22.03	22
3	64QAM	8	0	20.67	21.01	20.90	
3	64QAM	8	4	20.87	20.94	20.86	
3	64QAM	8	7	20.81	20.95	20.86	
3	64QAM	15	0	20.76	20.73	20.73	19
3	256QAM	1	0	17.67	17.79	17.76	
3	256QAM	1	8	17.62	17.68	17.64	
3	256QAM	1	14	17.89	17.64	17.61	
3	256QAM	8	0	17.63	17.62	17.46	19
3	256QAM	8	4	17.45	17.37	17.62	
3	256QAM	8	7	17.47	17.51	17.58	
3	256QAM	15	0	17.44	17.60	17.67	
Channel				26047	26365	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1882.5	1914.3	
1.4	QPSK	1	0	22.92	23.03	22.99	24
1.4	QPSK	1	3	22.87	22.91	22.90	
1.4	QPSK	1	5	22.78	22.91	22.89	
1.4	QPSK	3	0	21.84	21.94	21.97	
1.4	QPSK	3	1	21.87	21.82	21.92	
1.4	QPSK	3	3	21.90	21.73	21.86	
1.4	QPSK	6	0	21.84	21.89	21.87	23
1.4	16QAM	1	0	22.09	22.06	21.89	22
1.4	16QAM	1	3	21.76	21.92	21.86	
1.4	16QAM	1	5	21.84	21.79	21.87	
1.4	16QAM	3	0	20.87	20.70	21.05	
1.4	16QAM	3	1	20.77	20.72	20.90	
1.4	16QAM	3	3	20.91	20.88	20.95	
1.4	16QAM	6	0	20.86	20.88	20.78	21
1.4	64QAM	1	0	21.90	21.79	21.84	23
1.4	64QAM	1	3	21.99	22.05	21.93	
1.4	64QAM	1	5	22.12	22.03	22.06	
1.4	64QAM	3	0	20.84	21.01	20.83	
1.4	64QAM	3	1	20.78	20.98	20.83	
1.4	64QAM	3	3	20.74	20.97	20.79	
1.4	64QAM	6	0	20.80	20.94	20.95	21
1.4	256QAM	1	0	17.72	17.78	17.61	19
1.4	256QAM	1	3	17.67	17.61	17.57	
1.4	256QAM	1	5	17.82	17.65	17.53	
1.4	256QAM	3	0	17.51	17.51	17.66	
1.4	256QAM	3	1	17.47	17.36	17.62	
1.4	256QAM	3	3	17.52	17.52	17.50	
1.4	256QAM	6	0	17.40	17.56	17.48	19

Band 26 for FCC (dBm) (only on channel required)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)		
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.16	23.17	23.12	24		
15	QPSK	1	37	23.13	23.14	23.10			
15	QPSK	1	74	23.04	23.08	23.01			
15	QPSK	36	0	22.04	22.15	22.10	23		
15	QPSK	36	20	22.00	21.91	21.93			
15	QPSK	36	39	21.93	22.01	21.87			
15	QPSK	75	0	21.88	21.99	21.96	23		
15	16QAM	1	0	22.10	22.17	22.07			
15	16QAM	1	37	21.91	21.99	22.02			
15	16QAM	1	74	21.96	21.81	21.93	22		
15	16QAM	36	0	21.03	20.98	21.19			
15	16QAM	36	20	20.99	21.08	21.06			
15	16QAM	36	39	21.11	20.97	20.93	23		
15	16QAM	75	0	21.02	21.07	21.09			
15	64QAM	1	0	22.02	22.02	22.06			
15	64QAM	1	37	22.18	22.09	22.15	22		
15	64QAM	1	74	22.16	22.21	22.09			
15	64QAM	36	0	20.90	21.04	21.05			
15	64QAM	36	20	20.89	21.04	21.12	19		
15	64QAM	36	39	20.84	21.14	20.91			
15	64QAM	75	0	21.03	21.06	21.11			
15	256QAM	1	0	17.79	17.73	17.72	19		
15	256QAM	1	37	17.56	17.62	17.55			
15	256QAM	1	74	17.79	17.67	17.39			
15	256QAM	36	0	17.60	17.48	17.66	19		
15	256QAM	36	20	17.51	17.61	17.51			
15	256QAM	36	39	17.64	17.59	17.47			
15	256QAM	75	0	17.41	17.63	17.59	Tune-up limit (dBm)		
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.12	23.14	23.08	24		
10	QPSK	1	25	23.07	23.10	23.05			
10	QPSK	1	49	22.99	23.00	22.98			
10	QPSK	25	0	22.12	22.20	22.04	23		
10	QPSK	25	12	21.89	21.96	21.85			
10	QPSK	25	25	21.99	21.92	21.82			
10	QPSK	50	0	21.90	21.99	21.86	23		
10	16QAM	1	0	22.11	22.01	22.11			
10	16QAM	1	25	21.92	21.96	21.91			
10	16QAM	1	49	21.90	21.98	21.95	22		
10	16QAM	25	0	20.95	20.89	21.08			
10	16QAM	25	12	21.01	20.98	20.92			
10	16QAM	25	25	20.95	21.01	21.10	23		
10	16QAM	50	0	20.97	21.07	21.03			
10	64QAM	1	0	21.98	22.10	22.05			
10	64QAM	1	25	22.14	22.03	21.99	22		
10	64QAM	1	49	22.28	22.20	22.11			
10	64QAM	25	0	20.95	21.12	20.96			
10	64QAM	25	12	21.03	21.09	21.06	19		
10	64QAM	25	25	20.82	21.10	21.07			
10	64QAM	50	0	20.87	21.00	21.00			
10	256QAM	1	0	17.83	17.76	17.68	19		
10	256QAM	1	25	17.81	17.78	17.62			
10	256QAM	1	49	17.69	17.71	17.39			
10	256QAM	25	0	17.62	17.66	17.60	19		
10	256QAM	25	12	17.46	17.48	17.45			
10	256QAM	25	25	17.63	17.58	17.50			
10	256QAM	50	0	17.62	17.51	17.56	Tune-up limit (dBm)		
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.11	23.13	23.10	24		
5	QPSK	1	12	23.02	23.10	23.01			
5	QPSK	1	24	23.08	23.01	23.04			
5	QPSK	12	0	22.05	22.09	22.02	23		
5	QPSK	12	7	21.91	21.99	22.09			
5	QPSK	12	13	21.88	22.03	21.87			
5	QPSK	25	0	21.99	21.83	21.85	23		
5	16QAM	1	0	22.19	22.15	21.96			
5	16QAM	1	12	22.03	21.90	22.06			
5	16QAM	1	24	21.93	21.85	21.91	22		
5	16QAM	12	0	21.01	20.87	21.18			
5	16QAM	12	7	21.02	20.88	21.07			
5	16QAM	12	13	21.13	21.07	21.09	23		
5	16QAM	25	0	21.21	21.07	21.06			
5	64QAM	1	0	22.03	21.92	22.05			
5	64QAM	1	12	22.15	22.16	22.10	22		
5	64QAM	1	24	22.23	22.21	22.16			
5	64QAM	12	0	20.91	21.04	21.06			
5	64QAM	12	7	21.10	20.96	21.07	19		
5	64QAM	12	13	20.92	21.02	20.83			
5	64QAM	25	0	21.03	20.92	20.93			
5	256QAM	1	0	17.76	17.89	17.85	19		
5	256QAM	1	12	17.70	17.76	17.65			
5	256QAM	1	24	17.88	17.78	17.61			
5	256QAM	12	0	17.58	17.66	17.57	19		
5	256QAM	12	7	17.38	17.44	17.55			
5	256QAM	12	13	17.70	17.52	17.59			
5	256QAM	25	0	17.40	17.46	17.44	Tune-up limit (dBm)		
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.07	23.11	23.08	24		
3	QPSK	1	8	23.02	23.05	23.07			
3	QPSK	1	14	22.95	23.02	22.98			
3	QPSK	8	0	22.11	22.14	22.01	23		
3	QPSK	8	4	21.96	21.84	22.09			
3	QPSK	8	7	22.03	21.87	21.99			
3	QPSK	15	0	22.01	21.94	21.85	Tune-up limit (dBm)		

Band 30 (dBm)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)		
Channel				27765	27865	27965			
Frequency (MHz)				2310	2310	2310			
10	QPSK	1	0	22.83	22.83		24		
10	QPSK	1	25		22.77				
10	QPSK	1	49		22.71				
10	QPSK	25	0		21.79		23		
10	QPSK	25	12		21.75				
10	QPSK	25	25		21.68				
10	QPSK	50	0		21.74		23		
10	16QAM	1	0		21.91				
10	16QAM	1	25		21.90				
10	16QAM	1	49		21.86		22		
10	16QAM	25	0		20.88				
10	16QAM	25	12		20.75				
10	16QAM	25	25		20.72		23		
10	16QAM	50	0		20.76				
10	64QAM	1	0		21.87				
10	64QAM	1	25		21.81		22		
10	64QAM	1	49		21.79				
10	64QAM	25	0		20.82				
10	64QAM	25	12		20.73		19		
10	64QAM	25	25		20.72				
10	64QAM	50	0		20.75				
10	256QAM	1	0		17.69		19		
10	256QAM	1	25		17.64				
10	256QAM	1	49		17.56				
10	256QAM	25	0		17.47		19		
10	256QAM	25	12		17.46				
10	256QAM	25	25		17.53				
10	256QAM	50	0		17.58		Tune-up limit (dBm)		
Channel				27685	27710	27735			
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	22.76	22.81	22.74	24		
5	QPSK	1	12	22.67	22.75	22.71			
5	QPSK	1	24	22.70	22.70	22.72			
5	QPSK	12	0	21.71	21.73	21.62	23		
5	QPSK	12	7	21.61	21.53	21.60			
5	QPSK	12	13	21.63	21.58	21.59			
5	QPSK	25	0	21.46	21.49	21.45	23		
5	16QAM	1	0	21.82	21.86	21.83			
5	16QAM	1	12	21.58	21.76	21.62			
5	16QAM	1	24	21.58	21.69	21.55	22		
5	16QAM	12	0	20.46	20.56	20.75			
5	16QAM	12	7	20.60	20.59	20.60			

3	16QAM	1	0	22.07	22.15	22.01	23
3	16QAM	1	8	21.96	22.06	22.04	
3	16QAM	1	14	21.93	21.92	21.92	
3	16QAM	8	0	21.05	21.08	21.20	22
3	16QAM	8	4	20.83	20.92	20.99	
3	16QAM	8	7	21.00	21.00	21.04	
3	16QAM	15	0	21.20	21.02	20.98	23
3	64QAM	1	0	22.12	21.97	21.90	
3	64QAM	1	8	22.19	22.05	22.15	
3	64QAM	1	14	22.27	22.22	22.26	22
3	64QAM	8	0	20.98	21.15	21.08	
3	64QAM	8	4	20.97	21.04	20.95	
3	64QAM	8	7	20.82	21.08	20.98	19
3	64QAM	15	0	20.90	21.04	20.90	
3	256QAM	1	0	17.79	17.66	17.67	
3	256QAM	1	8	17.71	17.81	17.56	19
3	256QAM	1	14	17.90	17.59	17.47	
3	256QAM	8	0	17.75	17.42	17.53	
3	256QAM	8	4	17.58	17.37	17.58	19
3	256QAM	8	7	17.55	17.54	17.63	
3	256QAM	15	0	17.61	17.52	17.49	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.04	23.10	23.03	24
1.4	QPSK	1	3	22.97	23.05	23.00	
1.4	QPSK	1	5	22.88	23.01	22.91	
1.4	QPSK	3	0	22.05	22.03	22.17	
1.4	QPSK	3	1	22.03	21.98	21.88	
1.4	QPSK	3	3	21.90	21.89	21.96	23
1.4	QPSK	6	0	22.01	21.86	21.87	
1.4	16QAM	1	0	22.03	22.08	22.01	23
1.4	16QAM	1	3	22.02	21.90	21.92	
1.4	16QAM	1	5	21.96	21.80	22.01	
1.4	16QAM	3	0	21.04	20.86	21.20	
1.4	16QAM	3	1	20.97	20.93	20.95	
1.4	16QAM	3	3	20.98	21.13	21.01	22
1.4	16QAM	6	0	21.00	20.90	21.08	
1.4	64QAM	1	0	22.11	22.05	22.05	23
1.4	64QAM	1	3	22.21	22.08	21.95	
1.4	64QAM	1	5	22.24	22.10	22.11	
1.4	64QAM	3	0	20.82	21.10	20.85	
1.4	64QAM	3	1	20.91	21.03	21.03	
1.4	64QAM	3	3	20.91	20.93	20.97	22
1.4	64QAM	6	0	21.06	20.85	21.11	
1.4	256QAM	1	0	17.84	17.80	17.65	19
1.4	256QAM	1	3	17.72	17.70	17.57	
1.4	256QAM	1	5	17.68	17.66	17.48	
1.4	256QAM	3	0	17.59	17.52	17.63	
1.4	256QAM	3	1	17.57	17.39	17.50	
1.4	256QAM	3	3	17.50	17.65	17.54	19
1.4	256QAM	6	0	17.60	17.52	17.66	

Band 66 (dBm)									
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	22.90	22.97	22.89	24		
20	QPSK	1	49	22.82	22.87	22.83			
20	QPSK	1	99	22.77	22.86	22.81			
20	QPSK	50	0	21.83	21.95	21.86	23		
20	QPSK	50	24	21.71	21.72	21.79			
20	QPSK	50	50	21.66	21.70	21.76			
20	QPSK	100	0	21.64	21.71	21.69	23		
20	16QAM	1	0	21.89	21.99	21.73			
20	16QAM	1	49	21.66	21.83	21.69			
20	16QAM	1	99	21.58	21.60	21.83	22		
20	16QAM	50	0	20.77	20.84	20.81			
20	16QAM	50	24	20.60	20.58	20.56			
20	16QAM	50	50	20.75	20.64	20.71	23		
20	16QAM	100	0	20.72	20.68	20.67			
20	64QAM	1	0	21.77	21.85	21.70			
20	64QAM	1	49	21.91	21.90	21.82	22		
20	64QAM	1	99	21.85	22.01	21.77			
20	64QAM	50	0	20.78	20.84	20.69			
20	64QAM	50	24	20.80	20.72	20.81	19		
20	64QAM	50	50	20.80	20.78	20.81			
20	64QAM	100	0	20.82	20.79	20.73			
20	256QAM	1	0	17.88	17.82	17.72	19		
20	256QAM	1	49	17.68	17.64	17.73			
20	256QAM	1	99	17.76	17.56	17.55			
20	256QAM	50	0	17.74	17.47	17.47	19		
20	256QAM	50	24	17.38	17.37	17.53			
20	256QAM	50	50	17.71	17.60	17.66			
20	256QAM	100	0	17.58	17.52	17.44	24		
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.86	22.94	22.86	24		
15	QPSK	1	37	22.83	22.86	22.83			
15	QPSK	1	74	22.75	22.88	22.79			
15	QPSK	36	0	21.85	22.01	21.85	23		
15	QPSK	36	20	21.84	21.85	21.77			
15	QPSK	36	39	21.74	21.79	21.71			
15	QPSK	75	0	21.62	21.58	21.60	23		
15	16QAM	1	0	21.86	21.83	21.65			
15	16QAM	1	37	21.67	21.65	21.61			
15	16QAM	1	74	21.74	21.59	21.72	22		
15	16QAM	36	0	20.77	20.84	20.82			
15	16QAM	36	20	20.65	20.60	20.68			
15	16QAM	36	39	20.74	20.82	20.84	23		
15	16QAM	75	0	20.80	20.77	20.73			
15	64QAM	1	0	21.69	21.81	21.77			
15	64QAM	1	37	21.79	21.93	21.92	22		
15	64QAM	1	74	21.87	21.91	21.98			
15	64QAM	36	0	20.73	20.83	20.67			
15	64QAM	36	20	20.77	20.79	20.82	19		
15	64QAM	36	39	20.65	20.77	20.73			
15	64QAM	75	0	20.71	20.71	20.73			
15	256QAM	1	0	17.85	17.85	17.65	19		
15	256QAM	1	37	17.79	17.64	17.71			
15	256QAM	1	74	17.69	17.69	17.56			
15	256QAM	36	0	17.59	17.42	17.43	19		
15	256QAM	36	20	17.43	17.39	17.44			
15	256QAM	36	39	17.49	17.51	17.42			
15	256QAM	75	0	17.40	17.65	17.65	24		
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.83	22.91	22.89	24		
10	QPSK	1	25	22.79	22.85	22.81			
10	QPSK	1	49	22.76	22.87	22.84			
10	QPSK	25	0	21.82	21.88	21.80	23		
10	QPSK	25	12	21.69	21.73	21.79			
10	QPSK	25	25	21.82	21.87	21.88			
10	QPSK	50	0	21.54	21.62	21.73	23		
10	16QAM	1	0	21.78	21.75	21.75			
10	16QAM	1	25	21.74	21.69	21.76			
10	16QAM	1	49	21.82	21.68	21.66	22		
10	16QAM	25	0	20.74	20.65	20.79			
10	16QAM	25	12	20.61	20.59	20.66			
10	16QAM	25	25	20.83	20.75	20.85	23		
10	16QAM	50	0	20.71	20.66	20.82			
10	64QAM	1	0	21.69	21.77	21.60			
10	64QAM	1	25	21.85	21.94	21.78	22		
10	64QAM	1	49	21.87	21.84	21.88			
10	64QAM	25	0	20.59	20.74	20.68			
10	64QAM	25	12	20.77	20.79	20.83	19		
10	64QAM	25	25	20.71	20.80	20.68			
10	64QAM	50	0	20.69	20.60	20.64			
10	256QAM	1	0	17.74	17.85	17.74	19		
10	256QAM	1	25	17.76	17.69	17.62			
10	256QAM	1	49	17.73	17.60	17.37			
10	256QAM	25	0	17.59	17.44	17.64	19		
10	256QAM	25	12	17.37	17.57	17.47			
10	256QAM	25	25	17.51	17.59	17.68			
10	256QAM	50	0	17.46	17.51	17.56	24		
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.86	22.90	22.87	24		
5	QPSK	1	12	22.76	22.88	22.84			
5	QPSK	1	24	22.82	22.82	22.77			
5	QPSK	12	0	21.72	21.99	21.83	23		
5	QPSK	12	7	21.71	21.72	21.77			
5	QPSK	12	13	21.72	21.76	21.69			
5	QPSK	25	0	21.75	21.69	21.62			

Band 71 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.02	23.06	23.03	24
20	QPSK	1	49	22.93	23.03	22.86	
20	QPSK	1	99	22.85	22.84	22.87	
20	QPSK	50	0	21.84	21.97	21.85	23
20	QPSK	50	24	21.70	21.73	21.76	
20	QPSK	50	50	21.68	21.67	21.69	
20	QPSK	100	0	21.65	21.77	21.71	23
20	16QAM	1	0	22.02	21.91	21.66	
20	16QAM	1	49	21.70	21.84	21.80	
20	16QAM	1	99	21.65	21.63	21.75	22
20	16QAM	50	0	20.75	20.64	20.87	
20	16QAM	50	24	20.59	20.61	20.79	
20	16QAM	50	50	20.68	20.68	20.83	23
20	16QAM	100	0	20.79	20.87	20.64	
20	64QAM	1	0	21.83	21.77	21.66	
20	64QAM	1	49	21.86	21.81	21.75	22
20	64QAM	1	99	22.01	21.87	21.87	
20	64QAM	50	0	20.62	20.66	20.66	
20	64QAM	50	24	20.62	20.66	20.69	19
20	64QAM	50	50	20.74	20.66	20.70	
20	64QAM	100	0	20.84	20.77	20.81	
20	256QAM	1	0	17.82	17.83	17.67	19
20	256QAM	1	49	17.58	17.71	17.61	
20	256QAM	1	99	17.76	17.56	17.48	
20	256QAM	50	0	17.52	17.60	17.66	19
20	256QAM	50	24	17.59	17.49	17.57	
20	256QAM	50	50	17.69	17.62	17.65	
20	256QAM	100	0	17.62	17.48	17.46	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.84	23.04	22.78	24
15	QPSK	1	37	22.98	22.80	22.98	
15	QPSK	1	74	22.75	23.02	22.93	
15	QPSK	36	0	21.88	22.01	21.96	23
15	QPSK	36	20	21.76	21.68	21.76	
15	QPSK	36	39	21.66	21.65	21.60	
15	QPSK	75	0	21.57	21.60	21.83	23
15	16QAM	1	0	22.01	21.89	21.81	
15	16QAM	1	37	21.76	21.71	21.69	
15	16QAM	1	74	21.68	21.75	21.80	22
15	16QAM	36	0	20.62	20.79	20.89	
15	16QAM	36	20	20.72	20.83	20.80	
15	16QAM	36	39	20.77	20.86	20.86	23
15	16QAM	75	0	20.76	20.77	20.64	
15	64QAM	1	0	21.93	21.88	21.78	
15	64QAM	1	37	21.75	21.89	21.81	22
15	64QAM	1	74	22.00	21.99	21.92	
15	64QAM	36	0	20.76	20.81	20.78	
15	64QAM	36	20	20.85	20.68	20.73	19
15	64QAM	36	39	20.57	20.85	20.62	
15	64QAM	75	0	20.69	20.67	20.74	
15	256QAM	1	0	17.75	17.77	17.84	19
15	256QAM	1	37	17.66	17.66	17.62	
15	256QAM	1	74	17.66	17.65	17.57	
15	256QAM	36	0	17.66	17.61	17.65	19
15	256QAM	36	20	17.43	17.36	17.58	
15	256QAM	36	39	17.53	17.48	17.49	
15	256QAM	75	0	17.61	17.49	17.57	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	23.00	23.02	22.90	24
10	QPSK	1	25	22.93	22.77	22.92	
10	QPSK	1	49	22.82	22.89	22.99	
10	QPSK	25	0	21.91	21.76	21.85	23
10	QPSK	25	12	21.61	21.63	21.58	
10	QPSK	25	25	21.74	21.67	21.59	
10	QPSK	50	0	21.53	21.69	21.70	23
10	16QAM	1	0	21.87	21.94	21.64	
10	16QAM	1	25	21.72	21.70	21.64	
10	16QAM	1	49	21.64	21.70	21.80	22
10	16QAM	25	0	20.77	20.77	20.85	
10	16QAM	25	12	20.74	20.79	20.60	
10	16QAM	25	25	20.74	20.76	20.67	23
10	16QAM	50	0	20.76	20.83	20.62	
10	64QAM	1	0	21.81	21.72	21.64	
10	64QAM	1	25	21.90	21.82	21.76	22
10	64QAM	1	49	21.82	21.96	21.97	
10	64QAM	25	0	20.78	20.74	20.69	
10	64QAM	25	12	20.63	20.69	20.76	19
10	64QAM	25	25	20.62	20.68	20.68	
10	64QAM	50	0	20.83	20.68	20.84	
10	256QAM	1	0	17.81	17.89	17.77	19
10	256QAM	1	25	17.60	17.79	17.65	
10	256QAM	1	49	17.70	17.75	17.55	
10	256QAM	25	0	17.72	17.42	17.55	19
10	256QAM	25	12	17.36	17.47	17.57	
10	256QAM	25	25	17.49	17.65	17.58	
10	256QAM	50	0	17.61	17.57	17.57	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	22.96	23.00	22.93	24
5	QPSK	1	12	22.77	22.85	22.98	
5	QPSK	1	24	22.66	22.82	22.84	
5	QPSK	12	0	21.85	21.82	21.77	23
5	QPSK	12	7	21.65	21.71	21.67	
5	QPSK	12	13	21.70	21.76	21.68	
5	QPSK	25	0	21.72	21.69	21.65	

5	16QAM	1	0	21.91	21.94	21.71	23
5	16QAM	1	12	21.62	21.70	21.61	
5	16QAM	1	24	21.75	21.68	21.85	
5	16QAM	12	0	20.64	20.80	20.72	22
5	16QAM	12	7	20.54	20.65	20.65	
5	16QAM	12	13	20.88	20.63	20.87	
5	16QAM	25	0	20.89	20.65	20.70	23
5	64QAM	1	0	21.73	21.75	21.65	
5	64QAM	1	12	21.84	21.86	21.73	
5	64QAM	1	24	21.92	21.83	21.99	22
5	64QAM	12	0	20.54	20.78	20.69	
5	64QAM	12	7	20.76	20.66	20.69	
5	64QAM	12	13	20.63	20.77	20.65	19
5	64QAM	25	0	20.74	20.63	20.82	
5	256QAM	1	0	17.68	17.76	17.78	
5	256QAM	1	12	17.79	17.82	17.54	19
5	256QAM	1	24	17.66	17.64	17.53	
5	256QAM	12	0	17.70	17.46	17.57	19
5	256QAM	12	7	17.42	17.45	17.47	
5	256QAM	12	13	17.47	17.58	17.53	
5	256QAM	25	0	17.54	17.50	17.46	24
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.88	22.88	22.84	23
3	QPSK	1	8	22.87	22.79	22.81	
3	QPSK	1	14	22.76	22.82	22.76	
3	QPSK	8	0	21.91	21.96	21.88	23
3	QPSK	8	4	21.70	21.83	21.67	
3	QPSK	8	7	21.65	21.74	21.75	
3	QPSK	15	0	21.61	21.70	21.81	23
3	16QAM	1	0	21.80	21.93	21.76	
3	16QAM	1	8	21.62	21.60	21.62	
3	16QAM	1	14	21.70	21.75	21.83	22
3	16QAM	8	0	20.71	20.65	20.71	
3	16QAM	8	4	20.55	20.75	20.58	
3	16QAM	8	7	20.84	20.77	20.64	23
3	16QAM	15	0	20.85	20.71	20.60	
3	64QAM	1	0	21.88	21.89	21.63	
3	64QAM	1	8	21.82	21.91	21.73	22
3	64QAM	1	14	21.82	22.00	21.90	
3	64QAM	8	0	20.68	20.75	20.81	
3	64QAM	8	4	20.65	20.84	20.84	19
3	64QAM	8	7	20.72	20.66	20.59	
3	64QAM	15	0	20.79	20.68	20.72	
3	256QAM	1	0	17.72	17.86	17.72	19
3	256QAM	1	8	17.71	17.82	17.72	
3	256QAM	1	14	17.79	17.64	17.54	
3	256QAM	8	0	17.61	17.57	17.46	19
3	256QAM	8	4	17.49	17.59	17.62	
3	256QAM	8	7	17.71	17.54	17.59	
3	256QAM	15	0	17.62	17.45	17.62	24
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.75	22.86	22.84	24
1.4	QPSK	1	3	22.83	22.78	22.80	
1.4	QPSK	1	5	22.67	22.82	22.82	
1.4	QPSK	3	0	21.89	21.96	21.84	23
1.4	QPSK	3	1	21.64	21.80	21.68	
1.4	QPSK	3	3	21.65	21.75	21.69	
1.4	QPSK	6	0	21.53	21.68	21.80	23
1.4	16QAM	1	0	21.81	21.93	21.74	
1.4	16QAM	1	3	21.64	21.82	21.81	
1.4	16QAM	1	5	21.72	21.68	21.79	22
1.4	16QAM	3	0	20.57	20.81	20.85	
1.4	16QAM	3	1	20.68	20.69	20.72	
1.4	16QAM	3	3	20.72	20.62	20.81	23
1.4	16QAM	6	0	20.76	20.67	20.69	
1.4	64QAM	1	0	21.70	21.90	21.76	
1.4	64QAM	1	3	21.84	21.82	21.85	22
1.4	64QAM	1	5	22.05	21.87	21.90	
1.4	64QAM	3	0	20.57	20.78	20.79	
1.4	64QAM	3	1	20.75	20.77	20.72	19
1.4	64QAM	3	3	20.63	20.86	20.70	
1.4	64QAM	6	0	20.76	20.62	20.85	
1.4	256QAM	1	0	17.89	17.80	17.76	19
1.4	256QAM	1	3	17.70	17.73	17.68	
1.4	256QAM	1	5	17.70	17.65	17.42	
1.4	256QAM	3	0	17.67	17.42	17.48	19
1.4	256QAM	3	1	17.58	17.44	17.62	
1.4	256QAM	3	3	17.70	17.65	17.60	
1.4	256QAM	6	0	17.64	17.46	17.57	19

5	16QAM	1	0	21.96	21.90	21.84	23
5	16QAM	1	12	21.76	21.69	21.74	
5	16QAM	1	24	21.75	21.65	21.69	
5	16QAM	12	0	20.59	20.78	20.90	22
5	16QAM	12	7	20.61	20.80	20.68	
5	16QAM	12	13	20.81	20.78	20.75	
5	16QAM	25	0	20.75	20.64	20.85	23
5	64QAM	1	0	21.76	21.80	21.75	
5	64QAM	1	12	21.92	21.74	21.84	
5	64QAM	1	24	21.81	22.08	21.95	22
5	64QAM	12	0	20.59	20.84	20.76	
5	64QAM	12	7	20.72	20.66	20.85	
5	64QAM	12	13	20.79	20.63	20.76	19
5	64QAM	25	0	20.65	20.65	20.73	
5	256QAM	1	0	17.72	17.80	17.72	
5	256QAM	1	12	17.66	17.78	17.57	19
5	256QAM	1	24	17.90	17.56	17.56	
5	256QAM	12	0	17.61	17.57	17.55	
5	256QAM	12	7	17.55	17.58	17.59	19
5	256QAM	12	13	17.53	17.47	17.57	
5	256QAM	25	0	17.60	17.53	17.67	

n2 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	DFT-s-OFDM PI/2 BPSK	1	1	23.16	23.33	23.14	24.50
20		1	53	23.25	23.34	23.15	
20		1	104	23.19	23.34	23.15	
20		50	1	22.86	22.98	22.86	24.00
20	DFT-s-OFDM QPSK	50	25	23.35	23.53	23.38	
20		50	50	22.88	23.08	22.88	
20		100	0	22.92	23.01	22.90	
20	DFT-s-OFDM 16QAM	1	1	23.48	23.70	23.55	24.50
20		1	53	23.51	23.47	23.36	
20		1	104	23.48	23.42	23.50	
20		50	1	22.44	22.72	22.55	24.00
20	DFT-s-OFDM 64QAM	50	25	22.92	23.17	23.00	
20		50	50	22.47	22.57	22.48	
20		100	0	22.46	22.53	22.54	
20	DFT-s-OFDM 256QAM	1	1	22.52	22.53	22.44	23.00
20	CP-OFDM QPSK	1	1	20.95	21.06	20.93	21.50
20	CP-OFDM 16QAM	1	1	18.60	18.89	18.82	19.50
20	CP-OFDM 64QAM	1	1	22.01	21.96	22.01	23.00
20	CP-OFDM 256QAM	1	1	21.54	21.44	21.48	22.00
20		1	1	20.11	20.06	20.06	21.00
20		1	1	16.69	16.58	16.87	17.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	DFT-s-OFDM QPSK	1	1	23.24	23.22	23.41	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	DFT-s-OFDM QPSK	1	1	23.11	23.09	23.15	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	23.05	23.02	23.01	24.00

n5 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				166800	167300	167800	24.00
Frequency (MHz)				834	836.5	839	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.86	23.05	19.79	24.00
20		1	53	22.97	23.06	23.02	
20		1	104	22.92	22.94	22.94	
20		50	1	22.63	22.71	22.66	24.00
20		50	25	23.11	23.26	23.22	
20		50	50	22.64	22.68	22.70	
20		100	0	22.61	22.66	22.67	
20	DFT-s-OFDM QPSK	1	1	23.25	23.36	23.28	24.00
20		1	53	23.05	23.20	23.17	
20		1	104	23.03	23.07	23.02	
20		50	1	22.26	22.25	22.26	24.00
20		50	25	23.20	23.24	23.23	
20		50	50	22.15	22.23	22.22	
20		100	0	22.23	22.27	22.27	
20	DFT-s-OFDM 16QAM	1	1	22.35	22.40	22.35	23.00
20	DFT-s-OFDM 64QAM	1	1	20.76	20.81	20.79	21.50
20	DFT-s-OFDM 256QAM	1	1	18.51	18.54	18.63	19.50
20	CP-OFDM QPSK	1	1	21.66	21.75	21.81	22.50
20	CP-OFDM 16QAM	1	1	21.16	21.17	21.37	22.00
20	CP-OFDM 64QAM	1	1	19.70	19.74	19.84	20.50
20	CP-OFDM 256QAM	1	1	16.52	16.67	16.75	17.50
Channel				166300	167300	168300	24.00
Frequency (MHz)				831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.06	23.10	23.13	24.00
Channel				165800	167300	168800	24.00
Frequency (MHz)				829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	23.17	23.16	22.98	24.00
Channel				165300	167300	169300	24.00
Frequency (MHz)				826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.19	23.21	22.91	24.00

n7 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.40	22.45	22.48	24.00
20		1	53	22.41	22.49	22.63	
20		1	104	22.54	22.71	22.01	
20		50	1	22.08	21.71	22.32	24.00
20		50	25	22.60	22.26	22.86	
20		50	50	22.13	22.26	22.27	
20		100	0	22.13	22.15	22.36	
20	DFT-s-OFDM QPSK	1	1	22.87	22.90	22.86	24.00
20		1	53	22.72	20.48	22.70	
20		1	104	22.68	21.56	20.68	
20		50	1	21.63	19.46	21.85	24.00
20		50	25	22.59	22.83	22.82	
20		50	50	21.69	19.90	20.79	
20		100	0	21.65	19.03	20.47	
20	DFT-s-OFDM 16QAM	1	1	21.84	18.53	20.85	22.50
20	DFT-s-OFDM 64QAM	1	1	20.28	17.13	18.96	21.00
20	DFT-s-OFDM 256QAM	1	1	17.83	17.76	17.82	18.50
20	CP-OFDM QPSK	1	1	21.25	21.13	21.25	22.00
20	CP-OFDM 16QAM	1	1	20.81	20.35	20.81	21.50
20	CP-OFDM 64QAM	1	1	19.18	19.23	19.21	20.00
20	CP-OFDM 256QAM	1	1	15.74	15.69	15.85	16.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	22.65	22.65	22.84	23.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	22.65	22.29	22.55	23.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	22.83	22.02	22.58	23.50

n12 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	DFT-s-OFDM PI/2 BPSK	1	1	22.86	22.87	23.04	24.00
15		1	39	22.81	23.02	22.99	
15		1	77	22.89	22.95	22.91	
15		36	1	22.61	22.63	22.58	24.00
15		36	18	23.04	23.04	23.05	
15		36	37	22.63	22.66	22.64	
15		75	0	22.55	22.58	22.61	
15	DFT-s-OFDM QPSK	1	1	23.04	23.20	23.05	24.00
15		1	39	23.07	23.00	23.03	
15		1	77	23.09	23.02	23.12	
15		36	1	22.04	22.26	22.21	24.00
15		36	18	23.13	23.15	23.14	
15		36	37	22.09	22.16	22.14	
15		75	0	22.11	22.19	22.18	
15	DFT-s-OFDM 16QAM	1	1	22.12	22.15	22.19	23.00
15	DFT-s-OFDM 64QAM	1	1	20.66	20.64	20.70	21.50
15	DFT-s-OFDM 256QAM	1	1	18.55	18.80	18.80	19.50
15	CP-OFDM QPSK	1	1	21.65	21.65	21.64	22.50
15	CP-OFDM 16QAM	1	1	21.12	21.15	21.16	22.00
15	CP-OFDM 64QAM	1	1	19.89	19.76	19.76	20.50
15	CP-OFDM 256QAM	1	1	16.60	16.50	16.56	17.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	22.93	22.95	22.96	23.50
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	22.96	22.94	22.84	23.50

n14 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	DFT-s-OFDM PI/2 BPSK	1	1		23.05		24.00
10		1	26		22.98		
10		1	50		22.92		
10		25	1		22.72		24.00
10		25	12		23.17		
10		25	25		22.65		
10		50	0		22.67		
10	DFT-s-OFDM QPSK	1	1		23.40		24.00
10		1	26		23.34		
10		1	50		23.03		
10		25	1		22.17		24.00
10		25	12		23.26		
10		25	25		22.24		
10		50	0		22.24		
10	DFT-s-OFDM 16QAM	1	1		22.36		23.00
10	DFT-s-OFDM 64QAM	1	1		20.86		21.50
10	DFT-s-OFDM 256QAM	1	1		18.51		19.50
10	CP-OFDM QPSK	1	1		21.84		22.50
10	CP-OFDM 16QAM	1	1		21.29		22.00
10	CP-OFDM 64QAM	1	1		19.92		20.50
10	CP-OFDM 256QAM	1	1		16.47		17.00
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	DFT-s-OFDM QPSK	1	1	23.18	23.25	23.36	24.00

n25 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.97	23.21	23.19	24.50
20		1	53	23.11	23.27	23.16	
20		1	104	23.11	23.26	23.16	
20		50	1	22.80	22.88	22.87	24.50
20		50	25	23.28	23.43	23.38	
20		50	50	22.81	22.93	22.87	
20		100	0	22.84	22.95	22.89	
20	DFT-s-OFDM QPSK	1	1	23.58	23.66	23.54	24.50
20		1	53	23.29	23.39	23.26	
20		1	104	23.42	23.40	23.23	
20		50	1	22.24	22.51	22.39	24.50
20		50	25	23.38	23.57	23.39	
20		50	50	22.34	22.54	22.37	
20		100	0	22.34	22.46	22.42	
20	DFT-s-OFDM 16QAM	1	1	22.39	22.53	22.57	23.50
20	DFT-s-OFDM 64QAM	1	1	20.89	20.95	21.01	22.00
20	DFT-s-OFDM 256QAM	1	1	18.53	18.54	18.57	19.50
20	CP-OFDM QPSK	1	1	21.89	21.90	21.89	22.50
20	CP-OFDM 16QAM	1	1	21.39	21.44	21.44	22.00
20	CP-OFDM 64QAM	1	1	19.98	19.99	20.03	21.00
20	CP-OFDM 256QAM	1	1	16.62	16.51	16.55	17.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	23.05	23.15	23.36	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	23.15	23.12	23.01	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	23.05	23.08	23.05	24.00

n26(814-824MHz) (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					163800		
Frequency (MHz)					819		
10	DFT-s-OFDM PI/2 BPSK	1	1		23.01		24.00
10		1	26		23.03		
10		1	50		23.02		
10		25	1		22.69		24.00
10		25	12		23.18		
10		25	25		22.71		
10		50	0		22.63		
10	DFT-s-OFDM QPSK	1	1		23.32		24.00
10		1	26		23.18		
10		1	50		23.26		
10		25	1		22.22		24.00
10		25	12		23.22		
10		25	25		22.17		
10		50	0		22.26		
10	DFT-s-OFDM 16QAM	1	1		22.45		23.00
10	DFT-s-OFDM 64QAM	1	1		20.96		21.50
10	DFT-s-OFDM 256QAM	1	1		18.61		19.50
10	CP-OFDM QPSK	1	1		21.90		22.50
10	CP-OFDM 16QAM	1	1		21.33		22.00
10	CP-OFDM 64QAM	1	1		19.93		20.50
10	CP-OFDM 256QAM	1	1		16.63		17.50
Channel				163300	163800	164300	Tune-up limit (dBm)
Frequency (MHz)				816.5	819	821.5	
5	DFT-s-OFDM QPSK	1	1	23.18	23.16	23.23	24.00

n26(824-849MHz) (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.91	22.98	23.11	24.00
20		1	53	22.83	23.00	23.05	
20		1	104	22.92	22.92	22.97	
20		50	1	22.59	22.65	22.73	24.00
20		50	25	23.08	23.08	23.31	
20		50	50	22.53	22.53	22.82	
20		100	0	22.67	22.60	22.76	
20	DFT-s-OFDM QPSK	1	1	23.37	23.41	23.31	24.00
20		1	53	23.07	23.22	23.17	
20		1	104	23.04	23.04	23.10	
20		50	1	22.08	22.13	22.33	24.00
20		50	25	23.06	23.32	23.30	
20		50	50	22.16	22.17	22.29	
20		100	0	22.08	22.12	22.33	
20	DFT-s-OFDM 16QAM	1	1	22.19	22.36	22.44	23.00
20	DFT-s-OFDM 64QAM	1	1	20.65	20.76	20.86	21.50
20	DFT-s-OFDM 256QAM	1	1	18.46	18.47	18.62	19.50
20	CP-OFDM QPSK	1	1	21.61	21.41	21.85	22.50
20	CP-OFDM 16QAM	1	1	21.13	21.08	21.42	22.00
20	CP-OFDM 64QAM	1	1	19.67	19.59	19.90	20.50
20	CP-OFDM 256QAM	1	1	16.63	16.92	16.82	17.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.15	23.12	23.20	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	23.13	23.18	23.14	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.27	23.23	23.09	24.00

n30 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	DFT-s-OFDM PI/2 BPSK	1	1		22.53		24.00
10		1	26		22.63		
10		1	50		22.72		
10		25	1		22.28		24.00
10		25	12		22.83		
10		25	25		22.40		
10		50	0		22.35		
10	DFT-s-OFDM QPSK	1	1		22.98		24.00
10		1	26		22.94		
10		1	50		22.80		
10		25	1		21.89		24.00
10		25	12		22.96		
10		25	25		21.93		
10		50	0		21.90		
10	DFT-s-OFDM 16QAM	1	1		21.79		22.50
10	DFT-s-OFDM 64QAM	1	1		20.34		21.00
10	DFT-s-OFDM 256QAM	1	1		17.97		18.50
10	CP-OFDM QPSK	1	1		21.33		22.00
10	CP-OFDM 16QAM	1	1		20.87		21.50
10	CP-OFDM 64QAM	1	1		19.40		20.00
10	CP-OFDM 256QAM	1	1		15.99		16.50
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	DFT-s-OFDM QPSK	1	1	22.52	22.65	22.80	23.50

n41 (PC2)									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				501204	509904	518598	527298	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.61	22.65	22.61	22.15	22.18	23.50
20		1	25	22.63	22.68	22.57	22.12	22.25	
20		1	49	22.66	22.63	22.48	22.02	22.30	
20		25	1	22.18	22.24	22.17	21.66	21.79	23.50
20		25	12	22.68	22.63	22.57	22.18	22.30	
20		25	25	22.21	22.17	22.04	21.67	21.87	
20		50	0	22.12	22.13	22.02	21.66	21.78	
20	DFT-s-OFDM QPSK	1	1	22.62	22.68	22.71	22.55	22.64	23.50
20		1	25	22.67	22.58	22.52	22.19	22.23	
20		1	49	22.68	22.58	22.47	22.05	22.33	
20		25	1	21.65	21.74	21.57	21.18	21.33	23.50
20		25	12	22.67	22.63	22.68	22.15	22.34	
20		25	25	21.71	21.65	21.56	21.17	21.39	
20		50	0	21.64	21.62	21.74	21.15	21.32	
20	DFT-s-OFDM 16QAM	1	1	21.57	21.56	21.49	21.14	21.11	22.00
20	DFT-s-OFDM 64QAM	1	1	19.87	19.96	19.82	19.47	19.42	20.50
20	DFT-s-OFDM 256QAM	1	1	17.84	18.00	17.80	17.41	17.50	18.50
20	CP-OFDM QPSK	1	1	21.14	21.20	21.06	20.60	20.69	22.00
20	CP-OFDM 16QAM	1	1	20.68	20.71	20.53	20.11	20.26	21.50
20	CP-OFDM 64QAM	1	1	19.13	19.21	18.96	18.56	18.63	19.50
20	CP-OFDM 256QAM	1	1	15.95	16.05	15.91	15.46	15.59	16.50
Channel				500700	509652	518598	527550	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.26	2592.99	2637.75	2682.48	
15	DFT-s-OFDM QPSK	1	1	22.68	22.54	22.51	22.03	22.15	23.50
Channel				500202	509400	518598	527796	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2547	2592.99	2638.98	2685	
10	DFT-s-OFDM QPSK	1	1	22.62	22.56	22.44	22.18	22.06	23.00

n48 (PC3)									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				637334	639500	641666	643832	646000	23.50
Frequency (MHz)				3560.01	3592.5	3624.99	3657.48	3690	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.67	22.64	22.21	22.34	23.50
20		1	25	22.53	22.62	22.53	22.25	22.33	
20		1	49	22.62	22.62	22.49	22.16	22.30	
20		25	1	21.59	22.16	22.11	21.81	21.88	23.50
20		25	12	22.60	22.65	22.58	22.31	22.36	
20		25	25	21.68	22.13	22.03	21.75	21.89	
20	DFT-s-OFDM QPSK	50	0	21.50	22.13	22.02	21.72	21.83	23.50
20		1	1	22.54	22.69	22.71	22.21	22.24	
20		1	25	22.55	22.63	22.56	22.23	22.37	
20		1	49	22.65	22.54	22.42	22.16	22.36	23.50
20		25	1	21.55	21.70	21.61	21.30	21.34	
20		25	12	22.58	22.68	22.69	22.27	22.39	
20	DFT-s-OFDM 16QAM	25	25	21.57	21.64	21.48	21.22	21.36	22.50
20		50	0	21.57	21.62	21.51	21.22	21.33	
20	DFT-s-OFDM 64QAM	1	1	21.44	21.68	21.64	21.19	21.19	20.50
20	DFT-s-OFDM 256QAM	1	1	19.77	19.96	19.87	19.55	19.51	18.50
20	CP-OFDM QPSK	1	1	17.83	17.98	17.92	17.51	17.54	22.00
20	CP-OFDM 16QAM	1	1	20.96	21.14	21.14	20.75	20.73	21.50
20	CP-OFDM 64QAM	1	1	20.47	20.66	20.60	20.22	20.22	20.00
20	CP-OFDM 256QAM	1	1	18.96	19.14	19.22	18.65	18.83	16.50
Channel				637168	639418	641666	643916	646166	23.50
Frequency (MHz)				3557.52	3591.27	3624.99	3658.74	3692.49	
15	DFT-s-OFDM QPSK	1	1	22.53	22.55	22.51	22.17	22.27	23.50
Channel				637000	639334	641666	644000	646332	23.00
Frequency (MHz)				3555	3590.01	3624.99	3660	3694.98	
10	DFT-s-OFDM QPSK	1	1	22.36	22.51	22.43	22.10	22.24	23.00

n66 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.65	22.60	22.56	24.00
20		1	53	22.62	22.59	22.60	
20		1	104	22.51	22.65	22.70	
20		50	1	22.32	22.25	22.24	24.00
20		50	25	22.77	22.74	22.67	
20		50	50	22.24	22.20	22.23	
20		100	0	22.26	22.19	22.25	
20	DFT-s-OFDM QPSK	1	1	22.95	23.03	22.99	24.00
20		1	53	22.70	22.61	22.90	
20		1	104	22.61	22.59	22.85	
20		50	1	21.78	21.77	21.83	24.00
20		50	25	22.84	22.85	22.80	
20		50	50	21.78	21.76	21.83	
20		100	0	21.76	21.77	21.77	
20	DFT-s-OFDM 16QAM	1	1	21.85	21.79	21.82	22.50
20	DFT-s-OFDM 64QAM	1	1	20.31	20.20	20.23	21.00
20	DFT-s-OFDM 256QAM	1	1	17.99	17.92	17.91	18.50
20	CP-OFDM QPSK	1	1	21.39	21.28	21.25	22.00
20	CP-OFDM 16QAM	1	1	20.88	20.80	20.72	21.50
20	CP-OFDM 64QAM	1	1	19.48	19.36	19.33	20.00
20	CP-OFDM 256QAM	1	1	16.07	15.91	15.92	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.82	22.70	22.63	23.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.87	22.64	22.61	23.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.79	22.52	22.59	23.50

n71 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.54	22.58	22.77	24.00
20		1	53	22.58	22.63	22.69	
20		1	104	22.66	22.49	22.54	
20		50	1	22.23	22.31	22.38	24.00
20		50	25	22.79	22.74	22.85	
20		50	50	22.32	22.22	22.30	
20		100	0	22.31	22.28	22.37	
20	DFT-s-OFDM QPSK	1	1	22.92	23.01	22.98	24.00
20		1	53	22.76	22.71	22.88	
20		1	104	22.69	22.57	22.66	
20		50	1	21.78	21.82	21.85	24.00
20		50	25	22.75	22.85	22.90	
20		50	50	21.85	21.80	21.79	
20		100	0	21.80	21.93	21.82	
20	DFT-s-OFDM 16QAM	1	1	21.87	21.79	21.99	22.50
20	DFT-s-OFDM 64QAM	1	1	20.39	20.37	20.48	21.00
20	DFT-s-OFDM 256QAM	1	1	18.16	18.60	18.35	19.50
20	CP-OFDM QPSK	1	1	21.19	21.30	21.49	22.00
20	CP-OFDM 16QAM	1	1	20.74	20.82	21.00	22.00
20	CP-OFDM 64QAM	1	1	19.37	19.41	19.58	20.50
20	CP-OFDM 256QAM	1	1	16.05	16.66	16.37	17.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	DFT-s-OFDM QPSK	1	1	22.74	22.70	22.89	23.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	DFT-s-OFDM QPSK	1	1	22.77	22.70	22.74	23.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	DFT-s-OFDM QPSK	1	1	22.76	22.89	22.82	23.50

n77(3450-3550MHz) (PC3)									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				630668	632000	633334	634666	636000	24.00
Frequency (MHz)				3460.02	3480	3500.01	3519.99	3540	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.72	22.92	22.97	19.46	22.84	24.00
20		1	25	22.57	22.96	22.97	22.95	22.77	
20		1	49	22.49	22.92	22.96	22.88	22.59	
20		25	1	21.62	22.49	22.53	22.47	22.21	24.00
20		25	12	22.61	23.05	23.03	22.99	22.69	
20		25	25	21.52	22.44	22.53	22.43	22.13	
20	DFT-s-OFDM QPSK	50	0	21.57	22.41	22.49	22.48	22.18	24.00
20		1	1	23.01	23.05	23.15	22.98	22.98	
20		1	25	22.54	22.90	22.99	22.94	22.68	
20		1	49	22.50	22.93	22.96	22.90	22.58	24.00
20		25	1	21.63	21.92	22.01	22.01	21.74	
20		25	12	22.59	22.98	23.04	23.01	22.73	
20	DFT-s-OFDM 16QAM	25	25	21.57	21.99	22.03	21.90	21.65	22.50
20		50	0	21.56	21.94	22.03	21.96	21.70	
20	DFT-s-OFDM 64QAM	1	1	21.50	21.86	21.92	21.92	21.76	21.00
20	DFT-s-OFDM 256QAM	1	1	19.89	20.21	20.23	20.21	20.09	19.00
20	CP-OFDM QPSK	1	1	17.88	18.23	18.33	18.32	18.11	22.00
20	CP-OFDM 16QAM	1	1	21.10	21.32	21.48	21.43	21.24	21.50
20	CP-OFDM 64QAM	1	1	20.56	20.83	20.97	20.95	20.74	20.50
20	CP-OFDM 256QAM	1	1	19.02	19.26	19.58	19.36	19.34	17.00
Channel				630500	631916	633334	634750	636166	23.50
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	22.65	22.42	22.39	22.48	22.53	23.50
Channel				630334	631834	633334	634834	636332	23.50
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	22.54	22.46	22.47	22.58	22.57	23.50

n77(3700-3980MHz) (PC3)									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				647334	651668	656000	660332	664666	24.00
Frequency (MHz)				3710.01	3775.02	3840	3904.98	3969.99	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.82	23.05	18.96	22.44	22.98	24.00
20		1	25	22.96	23.00	22.43	22.45	22.97	
20		1	49	23.03	22.95	22.41	22.42	22.97	
20		25	1	22.38	22.59	22.02	22.05	22.56	23.50
20		25	12	22.93	23.05	22.49	22.51	22.98	
20		25	25	22.42	22.50	21.99	22.02	22.53	
20	DFT-s-OFDM QPSK	50	0	22.37	22.53	22.03	22.02	22.49	24.00
20		1	1	23.02	23.01	23.15	22.96	22.95	
20		1	25	22.92	23.00	22.44	22.48	22.87	
20		1	49	22.97	22.93	22.41	22.47	22.87	24.00
20		25	1	21.86	22.06	21.54	21.55	21.96	
20		25	12	22.89	23.03	23.04	23.00	22.94	
20	DFT-s-OFDM 16QAM	25	25	21.91	22.03	21.50	21.56	21.97	24.00
20		50	0	21.86	22.04	21.50	21.55	21.94	
20	DFT-s-OFDM 64QAM	1	1	21.88	21.91	21.32	21.51	21.80	22.50
20	DFT-s-OFDM 256QAM	1	1	20.16	20.27	19.63	19.95	20.12	21.00
20	CP-OFDM QPSK	1	1	18.14	18.22	17.73	17.94	18.23	19.00
20	CP-OFDM 16QAM	1	1	21.32	21.42	20.88	21.00	21.38	22.00
20	CP-OFDM 64QAM	1	1	20.77	20.89	20.38	20.47	20.97	21.50
20	CP-OFDM 256QAM	1	1	19.29	19.35	18.79	18.98	19.43	20.00
20		1	1	16.20	16.33	15.77	15.87	16.27	17.00
Channel				647168	651584	656000	660416	664832	24.00
Frequency (MHz)				3707.52	3773.76	3840	3906.24	3972.48	
15	DFT-s-OFDM QPSK	1	1	22.74	23.12	22.53	22.56	23.04	24.00
Channel				647000	651500	656000	660500	665000	23.50
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	
10	DFT-s-OFDM QPSK	1	1	22.59	23.06	22.47	22.56	22.87	23.50

n78(3450-3550MHz) (PC3)									
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channel	Middle/High Channel	High Channel	Tune-up limit (dBm)
Channel				630668	632000	633334	634668	636000	24.00
Frequency (MHz)				3460.02	3480	3500.01	3520.02	3540	
20	DFT-s-OFDM PI/2 BPSK	1	1	22.81	22.84	22.95	22.95	22.82	24.00
20		1	25	22.87	22.89	23.00	22.91	22.75	
20		1	49	22.94	22.93	22.94	22.86	22.64	
20		25	1	22.34	22.39	22.52	22.50	22.29	24.00
20		25	12	22.91	22.97	23.01	22.98	22.79	
20		25	25	22.45	22.50	22.49	22.44	22.23	
20	DFT-s-OFDM QPSK	50	0	22.36	22.42	22.46	22.43	22.29	24.00
20		1	1	22.83	22.82	23.12	22.97	22.87	
20		1	25	22.78	22.87	22.99	22.90	22.79	
20		1	49	22.84	22.91	22.96	22.86	22.66	24.00
20		25	1	21.81	21.90	22.01	21.97	21.86	
20		25	12	22.81	22.94	23.02	22.96	22.82	
20	DFT-s-OFDM 16QAM	25	25	21.80	21.94	22.00	21.93	21.73	24.00
20		50	0	21.79	21.95	22.00	21.98	21.77	
20	DFT-s-OFDM 64QAM	1	1	21.72	21.84	21.90	21.84	21.68	22.50
20	DFT-s-OFDM 256QAM	1	1	20.06	20.09	20.22	20.31	20.07	21.00
20	CP-OFDM QPSK	1	1	18.03	18.24	18.32	18.25	18.16	19.00
20	CP-OFDM 16QAM	1	1	21.22	21.33	21.41	21.45	21.28	22.00
20	CP-OFDM 64QAM	1	1	20.64	20.82	20.94	20.93	20.80	21.50
20	CP-OFDM 256QAM	1	1	19.11	19.24	19.42	19.35	19.21	20.00
20		1	1	16.15	16.27	16.36	16.36	16.19	17.00
Channel				630500	631916	633334	634750	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3478.74	3500.01	3521.25	3542.49	
15	DFT-s-OFDM QPSK	1	1	22.73	22.90	22.92	22.90	22.79	23.50
Channel				630334	631834	633334	634834	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3477.51	3500.01	3522.51	3544.98	
10	DFT-s-OFDM QPSK	1	1	22.68	22.88	23.03	23.06	22.90	24.00

n78(3700-3800MHz) (PC3)										
BW [MHz]	Modulation	RB num	RB start	Low Channel	Low/Middle Channel	Middle Channe	Middle/High Channel	High Channel	Tune-up limit (dBm)	
Channel				647334	648666	650000	651334	652666	24.00	
Frequency (MHz)				3710.01	3729.99	3750	3770.01	3789.99		
20	DFT-s-OFDM PI/2 BPSK	1	1	22.82	23.00	22.98	22.96	22.85	24.00	
20		1	25	22.98	23.03	22.94	22.97	22.76		
20		1	49	23.00	23.00	22.86	22.88	22.63		
20		25	1	22.37	22.55	22.48	22.45	22.32	24.00	
20		25	12	22.91	23.01	22.97	22.90	22.77		
20		25	25	22.42	22.56	22.43	22.35	22.22		
20	DFT-s-OFDM QPSK	50	0	22.37	22.44	22.44	22.42	22.26	24.00	
20		1	1	22.85	22.95	23.13	22.97	22.85		
20		1	25	22.91	22.95	22.99	22.89	22.77		
20		1	49	22.92	23.05	22.87	22.91	22.66	24.00	
20		25	1	21.89	21.95	21.97	21.96	21.83		
20		25	12	22.94	22.94	22.99	22.92	22.77		
20	DFT-s-OFDM 16QAM	25	25	21.91	21.93	21.92	21.83	21.71	24.00	
20		50	0	21.88	21.92	21.92	21.87	21.73		
20		1	1	21.86	21.93	21.86	21.92	21.84		
20		DFT-s-OFDM 64QAM	1	1	20.10	20.22	20.24	20.27	20.20	21.00
20		DFT-s-OFDM 256QAM	1	1	18.17	18.25	18.19	18.26	18.05	19.00
20		CP-OFDM QPSK	1	1	21.30	21.40	21.34	21.41	21.32	22.00
20	CP-OFDM 16QAM	1	1	20.71	20.88	20.87	20.87	20.71	21.50	
20	CP-OFDM 64QAM	1	1	19.24	19.40	19.35	19.35	19.17	20.00	
20	CP-OFDM 256QAM	1	1	16.21	16.27	16.35	16.32	16.18	17.00	
Channel				647168	648584	650000	651416	652832	24.00	
Frequency (MHz)				3707.52	3728.76	3750	3771.24	3792.48		
15	DFT-s-OFDM QPSK	1	1	22.84	23.02	23.06	23.04	22.80	24.00	
Channel				647000	648500	650000	651500	653000	24.00	
Frequency (MHz)				3705	3727.5	3750	3772.5	3795		
10	DFT-s-OFDM QPSK	1	1	22.86	22.88	22.86	22.92	22.65	23.50	

2.4GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11b 1Mbps	CH 1	2412	17.98	18.00	20.00	99.93
	CH 6	2437	18.30	17.00	20.00	
	CH 11	2462	18.79	16.00	20.00	
802.11g 54Mbps	CH 1	2412	15.47	16.00	17.00	99.24
	CH 6	2437	14.61	15.00	17.00	
	CH 11	2462	15.50	16.00	17.00	
802.11a+HT40 MCS0	CH 1	2412	13.38	14.00	15.00	99.71
	CH 6	2437	13.53	14.00	15.00	
	CH 11	2462	13.37	14.00	15.00	
802.11a+HT40 MCS9	CH 2	2422	14.68	15.00	15.00	99.74
	CH 6	2437	13.81	14.00	15.00	
	CH 9	2452	13.67	14.00	15.00	
802.11a+HEW20 MCS0	CH 1	2412	12.14	12.00	13.00	99.71
	CH 6	2437	11.68	12.00	13.00	
	CH 11	2462	11.44	12.00	13.00	
802.11a+HEW40 MCS0	CH 1	2412	11.71	12.00	13.00	99.74
	CH 6	2437	11.71	12.00	13.00	
	CH 9	2452	12.36	13.00	13.00	

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11a 54Mbps	CH 36	5180	14.54	15.00	16.00	99.03
	CH 44	5200	15.18	16.00	16.00	
	CH 48	5240	16.18	16.00	16.00	
802.11a+HT20 MCS0	CH 36	5180	14.41	15.00	16.00	99.90
	CH 44	5200	15.08	15.00	16.00	
	CH 48	5240	16.00	16.00	16.00	
802.11a+HT40 MCS0	CH 36	5180	14.62	15.00	16.00	99.93
	CH 44	5200	15.12	15.00	16.00	
	CH 48	5240	15.12	15.00	16.00	
802.11a+VHT20 MCS0	CH 36	5180	12.75	13.00	14.00	100.00
	CH 44	5200	13.15	13.00	14.00	
	CH 11	5210	13.00	14.00	14.00	
802.11a+VHT40 MCS0	CH 36	5180	12.77	13.00	14.00	99.93
	CH 44	5200	13.24	13.00	14.00	
	CH 42	5210	13.05	13.00	14.00	
802.11a+VHT80 MCS0	CH 36	5180	12.71	13.00	14.00	99.90
	CH 44	5200	13.15	13.00	14.00	
	CH 48	5240	13.15	13.00	14.00	
802.11a+HEW20 MCS9	CH 36	5180	12.71	13.00	14.00	100.00
	CH 44	5200	13.15	13.00	14.00	
	CH 48	5240	13.15	13.00	14.00	
802.11a+HEW40 MCS0	CH 36	5180	12.71	13.00	14.00	100.00
	CH 44	5200	13.15	13.00	14.00	
	CH 48	5240	13.15	13.00	14.00	
802.11a+HEW80 MCS0	CH 36	5180	12.71	13.00	14.00	99.93
	CH 44	5200	13.15	13.00	14.00	
	CH 48	5240	13.15	13.00	14.00	

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11a 54Mbps	CH 149	5745	12.14	13.00	16.00	99.03
	CH 157	5765	13.36	14.00	16.00	
	CH 160	5805	14.29	15.00	16.00	
802.11a+HT20 MCS0	CH 149	5745	12.07	12.00	16.00	99.90
	CH 157	5765	13.24	13.00	16.00	
	CH 160	5805	14.08	14.00	16.00	
802.11a+HT40 MCS0	CH 149	5745	12.07	12.00	16.00	99.93
	CH 157	5765	13.53	14.00	16.00	
	CH 160	5805	13.53	14.00	16.00	
802.11a+VHT20 MCS0	CH 149	5745	9.86	10.00	14.00	99.90
	CH 157	5765	11.22	11.00	14.00	
	CH 160	5805	11.07	12.00	14.00	
802.11a+VHT40 MCS0	CH 149	5745	10.34	10.00	14.00	99.90
	CH 157	5765	11.52	12.00	14.00	
	CH 160	5805	11.18	11.00	14.00	
802.11a+VHT80 MCS0	CH 149	5745	9.80	10.00	14.00	100.00
	CH 157	5765	11.26	11.00	14.00	
	CH 160	5805	12.53	12.00	14.00	
802.11a+HEW20 MCS0	CH 151	5755	10.30	10.00	14.00	99.90
	CH 159	5765	11.40	12.00	14.00	
	CH 155	5775	11.52	12.00	14.00	

2.4GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11b 1Mbps	CH 1	2412	17.88	18.00	20.00	99.93
	CH 6	2437	18.18	17.00	20.00	
	CH 11	2462	18.29	16.00	20.00	
802.11g 54Mbps	CH 1	2412	14.89	15.00	17.00	99.24
	CH 6	2437	14.29	15.00	17.00	
	CH 11	2462	15.00	16.00	17.00	
802.11a+HT20 MCS0	CH 1	2412	13.80	14.00	14.00	99.74
	CH 6	2437	13.56	14.00	14.00	
	CH 11	2462	13.14	14.00	14.00	
802.11a+HT40 MCS0	CH 2	2422	14.23	14.00	15.00	99.74
	CH 6	2437	13.77	14.00	15.00	
	CH 9	2452	14.00	15.00	15.00	
802.11a+HEW20 MCS0	CH 1	2412	11.68	12.00	12.00	99.74
	CH 6	2437	11.68	12.00	12.00	
	CH 11	2462	11.10	11.00	12.00	
802.11a+HEW40 MCS0	CH 1	2412	11.44	12.00	12.00	99.74
	CH 6	2437	11.44	12.00	12.00	
	CH 9	2452	12.18	13.00	12.00	

5.2GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11a 54Mbps	CH 36	5180	15.75	16.00	16.00	99.93
	CH 44	5200	16.86	16.00	16.00	
	CH 48	5240	16.00	16.00	16.00	
802.11a+HT20 MCS0	CH 36	5180	14.18	14.00	16.00	99.90
	CH 44	5200	14.23	14.00	16.00	
	CH 48	5240	14.31	14.00	16.00	
802.11a+HT40 MCS0	CH 36	5180	14.31	14.00	16.00	99.90
	CH 44	5200	13.93	14.00	16.00	
	CH 48	5240	13.24	13.00	11.00	
802.11a+VHT20 MCS0	CH 36	5180	12.33	13.00	11.00	99.90
	CH 44	5200	12.33	13.00	11.00	
	CH 48	5240	12.33	13.00	11.00	
802.11a+VHT40 MCS0	CH 36	5180	12.43	13.00	11.00	99.90
	CH 44	5200	12.12	12.00	11.00	
	CH 42	5210	12.29	12.00	11.00	
802.11a+VHT80 MCS0	CH 36	5180	12.33	13.00	11.00	99.90
	CH 44	5200	12.33	13.00	11.00	
	CH 48	5240	11.89	12.00	11.00	
802.11a+HEW20 MCS0	CH 36	5180	12.22	12.00	11.00	99.90
	CH 44	5200	11.94	12.00	11.00	
	CH 48	5240	12.30	13.00	11.00	
802.11a+HEW40 MCS0	CH 36	5180	12.22	12.00	11.00	99.90
	CH 44	5200	11.94	12.00	11.00	
	CH 48	5240	12.30	13.00	11.00	
802.11a+HEW80 MCS0	CH 36	5180	12.22	12.00	11.00	99.90
	CH 44	5200	11.94	12.00	11.00	
	CH 48	5240	12.30	13.00	11.00	

5.8GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
802.11a 54Mbps	CH 149	5745	16.54	17.00	15.00	99.93
	CH 157	5765	16.58	17.00	15.00	
	CH 160	5805	16.81	16.00	15.00	
802.11a+HT20 MCS0	CH 149	5745	14.63	15.00	13.00	99.90
	CH 157	5765	14.65	15.00	13.00	
	CH 160	5805	14.04	14.00	13.00	
802.11a+HT40 MCS0	CH 149	5745	14.78	15.00	13.00	99.93
	CH 157	5765	14.78	15.00	13.00	
	CH 159	5765	14.55	15.00	13.00	
802.11a+VHT20 MCS0	CH 149	5745	12.69	13.00	11.00	99.90
	CH 157	5765	13.00	13.00	11.00	
	CH 160	5805	12.36	13.00	11.00	
802.11a+VHT40 MCS0	CH 149	5745	12.64	13.00	11.00	99.90
	CH 157	5765	12.62	13.00	11.00	
	CH 159	5765	12.62	13.00	11.00	
802.11a+VHT80 MCS0	CH 149	5745	12.59	13.00	11.00	100.00
	CH 157	5765	12.87	13.00	11.00	
	CH 159	5765	12.79	13.00	11.00	
802.11a+HEW20 MCS0	CH 151	5755	12.01	13.00	11.00	100.00
	CH 159	5765	12.01	13.00	11.00	
	CH 155	5775	12.01	13.00	11.00	

2.4GHz WLAN ANT 1+2

Mode	Channel	Frequency (GHz)	Average power (dBm)	Time-Up (s)	Power Setting	Duty Cycle %
802.11b 1Mbps	CH 1	2412	N/A	N/A	N/A	N/A
	CH 6	2437	N/A	N/A	N/A	
	CH 11	2462	N/A	N/A	N/A	
802.11g 54Mbps	CH 1	2412	N/A	N/A	N/A	N/A
	CH 6	2437	N/A	N/A	N/A	
	CH 11	2462	N/A	N/A	N/A	
2-802.11a+HT20 MCS0	CH 1	2412	14.30	15.00	14.00	99.74
	CH 6	2437	14.04	15.00	14.00	
	CH 11	2462	14.30	14.00	14.00	
802.11a+HT40 MCS0	CH 2	2422	15.07	15.00	15.00	99.74
	CH 6	2437	14.70	15.00	15.00	
	CH 11	2462	14.94	15.00	15.00	
802.11n+HT20 MCS0	CH 1	2412	15.20	12.00	15.00	99.74
	CH 2	2422	12.04	12.00	15.00	
	CH 11	2462	15.76	12.00	15.00	
802.11n+HT40 MCS0	CH 2	2422	15.44	12.00	15.00	99.74
	CH 6	2437	15.14	12.00	15.00	
	CH 11	2462	15.74	12.00	15.00	

Sensor on/Reduced Power

Band 30 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		21.83		23
10	QPSK	1	25		21.77		
10	QPSK	1	49		21.71		
10	QPSK	25	0		20.79		22
10	QPSK	25	12		20.75		
10	QPSK	25	25		20.68		
10	QPSK	50	0		20.74		22
10	16QAM	1	0		20.91		
10	16QAM	1	25		20.90		
10	16QAM	1	49		20.86		21
10	16QAM	25	0		19.88		
10	16QAM	25	12		19.75		
10	16QAM	25	25		19.72		22
10	16QAM	50	0		19.76		
10	64QAM	1	0		20.87		
10	64QAM	1	25		20.81		21
10	64QAM	1	49		20.79		
10	64QAM	25	0		19.82		
10	64QAM	25	12		19.73		21
10	64QAM	25	25		19.72		
10	64QAM	50	0		19.75		
10	256QAM	1	0		16.69		18
10	256QAM	1	25		16.64		
10	256QAM	1	49		16.56		
10	256QAM	25	0		16.47		18
10	256QAM	25	12		16.46		
10	256QAM	25	25		16.53		
10	256QAM	50	0		16.58		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.76	21.81	21.74	23
5	QPSK	1	12	21.67	21.75	21.71	
5	QPSK	1	24	21.70	21.70	21.72	
5	QPSK	12	0	20.71	20.73	20.62	22
5	QPSK	12	7	20.61	20.53	20.60	
5	QPSK	12	13	20.63	20.58	20.59	
5	QPSK	25	0	20.46	20.49	20.45	22
5	16QAM	1	0	20.82	20.86	20.83	
5	16QAM	1	12	20.58	20.76	20.62	
5	16QAM	1	24	20.58	20.69	20.55	21
5	16QAM	12	0	19.46	19.56	19.75	
5	16QAM	12	7	19.60	19.59	19.60	
5	16QAM	12	13	19.52	19.74	19.68	22
5	16QAM	25	0	19.67	19.61	19.59	
5	64QAM	1	0	20.75	20.56	20.65	
5	64QAM	1	12	20.63	20.61	20.56	21
5	64QAM	1	24	20.77	20.81	20.89	
5	64QAM	12	0	19.49	19.80	19.62	
5	64QAM	12	7	19.67	19.54	19.60	18
5	64QAM	12	13	19.64	19.54	19.54	
5	64QAM	25	0	19.67	19.67	19.56	
5	256QAM	1	0	16.74	16.80	16.80	18
5	256QAM	1	12	16.69	16.76	16.57	
5	256QAM	1	24	16.81	16.66	16.37	
5	256QAM	12	0	16.68	16.45	16.44	18
5	256QAM	12	7	16.46	16.55	16.68	
5	256QAM	12	13	16.58	16.62	16.49	
5	256QAM	25	0	16.61	16.51	16.48	

Band 66 (dBm)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)		
Channel				132072	132322	132572	20		
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.90	18.97	18.89	19	19	19
20	QPSK	1	49	18.82	18.87	18.83			
20	QPSK	1	99	18.77	18.86	18.81			
20	QPSK	50	0	17.83	17.95	17.86	19	19	19
20	QPSK	50	24	17.71	17.72	17.79			
20	QPSK	50	50	17.66	17.70	17.76			
20	QPSK	100	0	17.64	17.71	17.69	19	19	19
20	16QAM	1	0	17.89	17.99	17.73			
20	16QAM	1	49	17.66	17.83	17.69			
20	16QAM	1	99	17.58	17.60	17.83	18	18	18
20	16QAM	50	0	16.77	16.84	16.81			
20	16QAM	50	24	16.60	16.58	16.56			
20	16QAM	50	50	16.75	16.64	16.71	19	19	19
20	16QAM	100	0	16.72	16.68	16.67			
20	64QAM	1	0	17.77	17.85	17.70			
20	64QAM	1	49	17.91	17.90	17.82	18	18	18
20	64QAM	1	99	17.85	18.01	17.77			
20	64QAM	50	0	16.78	16.84	16.69			
20	64QAM	50	24	16.80	16.72	16.81	15	15	15
20	64QAM	50	50	16.80	16.78	16.81			
20	64QAM	100	0	16.82	16.79	16.73			
20	256QAM	1	0	13.88	13.82	13.72	15	15	15
20	256QAM	1	49	13.68	13.64	13.73			
20	256QAM	1	99	13.76	13.56	13.55			
20	256QAM	50	0	13.74	13.47	13.47	15	15	15
20	256QAM	50	24	13.38	13.37	13.53			
20	256QAM	50	50	13.71	13.60	13.66			
20	256QAM	100	0	13.58	13.52	13.44	Tune-up limit (dBm)		
Channel				132047	132322	132597	20		
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.86	18.94	18.86	19	19	19
15	QPSK	1	37	18.83	18.86	18.83			
15	QPSK	1	74	18.75	18.88	18.79			
15	QPSK	36	0	17.85	18.01	17.85	19	19	19
15	QPSK	36	20	17.84	17.85	17.77			
15	QPSK	36	39	17.74	17.79	17.71			
15	QPSK	75	0	17.62	17.58	17.60	19	19	19
15	16QAM	1	0	17.86	17.83	17.65			
15	16QAM	1	37	17.67	17.65	17.61			
15	16QAM	1	74	17.74	17.59	17.72	18	18	18
15	16QAM	36	0	16.77	16.84	16.82			
15	16QAM	36	20	16.65	16.60	16.68			
15	16QAM	36	39	16.74	16.82	16.84	19	19	19
15	16QAM	75	0	16.80	16.77	16.73			
15	64QAM	1	0	17.69	17.81	17.77			
15	64QAM	1	37	17.79	17.93	17.92	18	18	18
15	64QAM	1	74	17.87	17.91	17.98			
15	64QAM	36	0	16.73	16.83	16.67			
15	64QAM	36	20	16.77	16.79	16.82	15	15	15
15	64QAM	36	39	16.65	16.77	16.73			
15	64QAM	75	0	16.71	16.71	16.73			
15	256QAM	1	0	13.85	13.85	13.65	15	15	15
15	256QAM	1	37	13.79	13.64	13.71			
15	256QAM	1	74	13.69	13.69	13.56			
15	256QAM	36	0	13.59	13.42	13.43	15	15	15
15	256QAM	36	20	13.43	13.39	13.44			
15	256QAM	36	39	13.49	13.51	13.62			
15	256QAM	75	0	13.40	13.65	13.65	Tune-up limit (dBm)		
Channel				132022	132322	132622	20		
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.83	18.91	18.89	19	19	19
10	QPSK	1	25	18.79	18.85	18.81			
10	QPSK	1	49	18.76	18.87	18.84			
10	QPSK	25	0	17.82	17.88	17.80	19	19	19
10	QPSK	25	12	17.69	17.73	17.79			
10	QPSK	25	25	17.82	17.67	17.68			
10	QPSK	50	0	17.54	17.62	17.73	19	19	19
10	16QAM	1	0	17.78	17.75	17.75			
10	16QAM	1	25	17.74	17.69	17.76			
10	16QAM	1	49	17.82	17.68	17.66	18	18	18
10	16QAM	25	0	16.74	16.65	16.79			
10	16QAM	25	12	16.61	16.59	16.66			
10	16QAM	25	25	16.83	16.75	16.85	19	19	19
10	16QAM	50	0	16.71	16.66	16.82			
10	64QAM	1	0	17.69	17.77	17.60			
10	64QAM	1	25	17.85	17.94	17.78	18	18	18
10	64QAM	1	49	17.87	17.84	17.88			
10	64QAM	25	0	16.59	16.74	16.68			
10	64QAM	25	12	16.77	16.79	16.83	15	15	15
10	64QAM	25	25	16.71	16.80	16.68			
10	64QAM	50	0	16.69	16.60	16.64			
10	256QAM	1	0	13.74	13.85	13.74	15	15	15
10	256QAM	1	25	13.76	13.69	13.62			
10	256QAM	1	49	13.73	13.60	13.37			
10	256QAM	25	0	13.59	13.44	13.64	15	15	15
10	256QAM	25	12	13.37	13.57	13.47			
10	256QAM	25	25	13.51	13.59	13.68			
10	256QAM	50	0	13.46	13.51	13.56	Tune-up limit (dBm)		
Channel				131997	132322	132647	20		
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	18.86	18.90	18.87	19	19	19
5	QPSK	1	12	18.76	18.88	18.84			
5	QPSK	1	24	18.82	18.82	18.74			
5	QPSK	12	0	17.72	17.99	17.83	19	19	19
5	QPSK	12	7	17.71	17.72	17.77			
5	QPSK	12	13	17.72	17.76	17.69			
5	QPSK	25	0	17.75	17.69	17.62			

5	16QAM	1	0	17.91	17.94	17.71	19
5	16QAM	1	12	17.62	17.70	17.61	
5	16QAM	1	24	17.75	17.68	17.85	
5	16QAM	12	0	16.64	16.80	16.72	18
5	16QAM	12	7	16.54	16.65	16.65	
5	16QAM	12	13	16.88	16.63	16.87	
5	16QAM	25	0	16.69	16.65	16.70	19
5	64QAM	1	0	17.73	17.75	17.65	
5	64QAM	1	12	17.84	17.86	17.73	
5	64QAM	1	24	17.92	17.83	17.99	18
5	64QAM	12	0	16.54	16.78	16.69	
5	64QAM	12	7	16.76	16.66	16.89	
5	64QAM	12	13	16.63	16.77	16.65	15
5	64QAM	25	0	16.74	16.63	16.82	
5	256QAM	1	0	13.68	13.76	13.78	
5	256QAM	1	12	13.79	13.82	13.54	15
5	256QAM	1	24	13.66	13.64	13.53	
5	256QAM	12	0	13.70	13.46	13.57	
5	256QAM	12	7	13.42	13.45	13.47	15
5	256QAM	12	13	13.47	13.58	13.53	
5	256QAM	25	0	13.54	13.50	13.46	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.88	18.88	18.84	20
3	QPSK	1	8	18.87	18.79	18.81	
3	QPSK	1	14	18.76	18.82	18.76	
3	QPSK	8	0	17.91	17.96	17.88	19
3	QPSK	8	4	17.70	17.83	17.67	
3	QPSK	8	7	17.65	17.74	17.75	
3	QPSK	15	0	17.61	17.70	17.81	19
3	16QAM	1	0	17.80	17.93	17.76	
3	16QAM	1	8	17.62	17.60	17.82	
3	16QAM	1	14	17.70	17.75	17.83	18
3	16QAM	8	0	16.71	16.65	16.71	
3	16QAM	8	4	16.55	16.75	16.58	
3	16QAM	8	7	16.84	16.77	16.64	19
3	16QAM	15	0	16.85	16.71	16.60	
3	64QAM	1	0	17.88	17.89	17.63	
3	64QAM	1	8	17.82	17.91	17.73	18
3	64QAM	1	14	17.82	18.00	17.90	
3	64QAM	8	0	16.68	16.75	16.81	
3	64QAM	8	4	16.65	16.84	16.84	15
3	64QAM	8	7	16.72	16.66	16.59	
3	64QAM	15	0	16.79	16.68	16.72	
3	256QAM	1	0	13.72	13.86	13.72	15
3	256QAM	1	8	13.71	13.82	13.72	
3	256QAM	1	14	13.79	13.64	13.54	
3	256QAM	8	0	13.61	13.57	13.46	15
3	256QAM	8	4	13.49	13.59	13.62	
3	256QAM	8	7	13.71	13.54	13.59	
3	256QAM	15	0	13.62	13.45	13.62	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	20
1.4	QPSK	1	0	18.75	18.86	18.84	
1.4	QPSK	1	3	18.83	18.78	18.80	
1.4	QPSK	1	5	18.67	18.82	18.82	19
1.4	QPSK	3	0	17.89	17.96	17.84	
1.4	QPSK	3	1	17.64	17.80	17.68	
1.4	QPSK	3	3	17.65	17.75	17.69	18
1.4	QPSK	6	0	17.53	17.68	17.80	
1.4	16QAM	1	0	17.81	17.93	17.74	
1.4	16QAM	1	3	17.64	17.82	17.81	19
1.4	16QAM	1	5	17.72	17.68	17.79	
1.4	16QAM	3	0	16.57	16.81	16.85	
1.4	16QAM	3	1	16.68	16.69	16.72	18
1.4	16QAM	3	3	16.72	16.62	16.81	
1.4	16QAM	6	0	16.76	16.67	16.69	
1.4	64QAM	1	0	17.70	17.90	17.76	19
1.4	64QAM	1	3	17.84	17.82	17.85	
1.4	64QAM	1	5	18.05	17.87	17.90	
1.4	64QAM	3	0	16.57	16.78	16.79	15
1.4	64QAM	3	1	16.75	16.77	16.72	
1.4	64QAM	3	3	16.63	16.86	16.70	
1.4	64QAM	6	0	16.76	16.62	16.85	15
1.4	256QAM	1	0	13.89	13.80	13.76	
1.4	256QAM	1	3	13.70	13.73	13.68	
1.4	256QAM	1	5	13.70	13.65	13.42	15
1.4	256QAM	3	0	13.67	13.42	13.48	
1.4	256QAM	3	1	13.58	13.44	13.62	
1.4	256QAM	3	3	13.70	13.65	13.60	15
1.4	256QAM	6	0	13.64	13.46	13.57	

Band 41 PC2 (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	23.47	23.50	23.57	23.55	23.51	25	
20	QPSK	1	49	23.42	23.35	23.38	23.45	23.43		
20	QPSK	1	99	23.40	23.37	23.50	23.54	23.28		
20	QPSK	50	0	22.45	22.44	22.52	22.46	22.42		
20	QPSK	50	24	22.43	22.39	22.57	22.29	22.29	24	
20	QPSK	50	50	22.36	22.30	22.28	22.31	22.29		
20	QPSK	100	0	22.22	22.23	22.34	22.25	22.17		
20	16QAM	1	0	22.51	22.50	22.54	22.36	22.56		
20	16QAM	1	49	22.29	22.23	22.23	22.30	22.35	24	
20	16QAM	1	99	22.33	22.29	22.25	22.34	22.23		
20	16QAM	50	0	21.33	21.35	21.30	21.41	21.20		
20	16QAM	50	24	21.27	21.35	21.27	21.32	21.25		
20	16QAM	50	50	21.29	21.29	21.36	21.28	21.37	23	
20	16QAM	100	0	21.46	21.44	21.35	21.50	21.53		
20	64QAM	1	0	22.43	22.32	22.37	22.30	22.52		
20	64QAM	1	49	22.48	22.60	22.32	22.38	22.39		
20	64QAM	1	99	22.54	22.50	22.48	22.60	22.63	24	
20	64QAM	50	0	21.24	21.36	21.49	21.23	21.32		
20	64QAM	50	24	21.44	21.38	21.29	21.52	21.30		
20	64QAM	50	50	21.37	21.24	21.30	21.25	21.37		
20	64QAM	100	0	21.29	21.37	21.37	21.23	21.27	23	
20	256QAM	1	0	18.29	18.30	18.26	18.24	18.37		
20	256QAM	1	49	18.36	18.40	18.36	18.23	18.34		
20	256QAM	1	99	18.36	18.51	18.17	18.21	18.34		
20	256QAM	50	0	18.11	18.36	18.06	18.02	18.24	20	
20	256QAM	50	24	17.97	18.18	18.06	18.24	18.09		
20	256QAM	50	50	18.24	18.08	18.03	18.23	18.15		
20	256QAM	100	0	18.00	18.10	18.21	18.22	17.99		
Channel				39725	40173	40620	41068	41515		Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.5	2593	2637.6	2682.5		
15	QPSK	1	0	23.54	23.40	23.65	23.46	23.54	25	
15	QPSK	1	37	23.46	23.51	23.42	23.49	23.46		
15	QPSK	1	74	23.27	23.39	23.53	23.48	23.35		
15	QPSK	36	0	22.50	22.35	22.54	22.47	22.45		
15	QPSK	36	20	22.21	22.34	22.21	22.19	22.40	24	
15	QPSK	36	39	22.21	22.41	22.32	22.25	22.44		
15	QPSK	75	0	22.29	22.21	22.31	22.19	22.34		
15	16QAM	1	0	22.43	22.55	22.43	22.30	22.51		
15	16QAM	1	37	22.25	22.26	22.44	22.37	22.28	24	
15	16QAM	1	74	22.28	22.24	22.36	22.42	22.38		
15	16QAM	36	0	21.30	21.27	21.51	21.49	21.26		
15	16QAM	36	20	21.18	21.38	21.28	21.30	21.33		
15	16QAM	36	39	21.27	21.47	21.24	21.45	21.31	23	
15	16QAM	75	0	21.35	21.52	21.36	21.22	21.30		
15	64QAM	1	0	22.32	22.39	22.31	22.39	22.37		
15	64QAM	1	37	22.53	22.51	22.43	22.33	22.51		
15	64QAM	1	74	22.56	22.65	22.68	22.41	22.49	23	
15	64QAM	36	0	21.27	21.18	21.41	21.39	21.25		
15	64QAM	36	20	21.40	21.26	21.36	21.29	21.22		
15	64QAM	36	39	21.22	21.19	21.24	21.37	21.40		
15	64QAM	75	0	21.42	21.37	21.27	21.30	21.19	20	
15	256QAM	1	0	18.28	18.48	18.36	18.38	18.47		
15	256QAM	1	37	18.22	18.31	18.37	18.14	18.26		
15	256QAM	1	74	18.48	18.48	18.25	18.22	18.26		
15	256QAM	36	0	18.13	18.17	18.20	18.15	18.35	20	
15	256QAM	36	20	18.14	18.12	18.00	18.26	18.05		
15	256QAM	36	39	18.26	18.18	18.17	18.15	18.26		
15	256QAM	75	0	18.14	18.10	18.28	18.17	17.99		
Channel				39700	40160	40620	41080	41540		Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.46	23.45	23.51	23.37	23.42	25	
10	QPSK	1	25	23.43	23.40	23.49	23.40	23.34		
10	QPSK	1	49	23.42	23.33	23.43	23.44	23.36		
10	QPSK	25	0	22.37	22.42	22.48	22.43	22.48		
10	QPSK	25	12	22.29	22.42	22.16	22.32	22.37	24	
10	QPSK	25	25	22.32	22.32	22.23	22.33	22.38		
10	QPSK	50	0	22.19	22.37	22.31	22.24	22.14		
10	16QAM	1	0	22.41	22.49	22.59	22.27	22.51		
10	16QAM	1	25	22.26	22.31	22.36	22.22	22.19	24	
10	16QAM	1	49	22.33	22.36	22.31	22.29	22.40		
10	16QAM	25	0	21.30	21.22	21.28	21.31	21.28		
10	16QAM	25	12	21.38	21.18	21.25	21.27	21.19		
10	16QAM	25	25	21.47	21.37	21.47	21.33	21.32	23	
10	16QAM	50	0	21.40	21.37	21.47	21.37	21.36		
10	64QAM	1	0	22.46	22.32	22.45	22.28	22.51		
10	64QAM	1	25	22.43	22.40	22.31	22.37	22.46		
10	64QAM	1	49	22.43	22.45	22.47	22.44	22.44	23	
10	64QAM	25	0	21.36	21.35	21.46	21.39	21.27		
10	64QAM	25	12	21.32	21.41	21.38	21.35	21.32		
10	64QAM	25	25	21.39	21.20	21.39	21.25	21.21		
10	64QAM	50	0	21.21	21.42	21.29	21.39	21.29	20	
10	256QAM	1	0	18.44	18.30	18.35	18.33	18.47		
10	256QAM	1	25	18.41	18.33	18.21	18.21	18.27		
10	256QAM	1	49	18.28	18.51	18.28	18.22	18.30		
10	256QAM	25	0	18.36	18.20	18.02	18.16	18.28		
10	256QAM	25	12	18.11	18.06	18.05	18.04	18.15	20	
10	256QAM	25	25	18.22	18.16	18.14	18.23	18.25		
10	256QAM	50	0	18.03	18.20	18.11	18.05	18.15		
Channel				39675	40144	40620	41093	41595		Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.42	23.52	23.52	23.47	23.40	25	
5	QPSK	1	12	23.43	23.45	23.40	23.38	23.42		
5	QPSK	1	24	23.27	23.43	23.43	23.42	23.46		
5	QPSK	12	0	22.47	22.40	22.45	22.34	22.48		
5	QPSK	12	7	22.41	22.27	22.35	22.30	22.24	24	
5	QPSK	12	13	22.20	22.35	22.37	22.12	22.23		
5	QPSK	25	0	22.15	22.15	22.18	22.36	22.32		
5	16QAM	1	0	22.48	22.58	22.47	22.38	22.55		
5	16QAM	1	12	22.34	22.22	22.31	22.43	22.30	24	
5	16QAM	1	24	22.26	22.29	22.29	22.47	22.38		
5	16QAM	12	0	21.20	21.37	21.22	21.30	21.22		
5	16QAM	12	7	21.34	21.37	21.34	21.38	21.31		
5	16QAM	12	13	21.46	21.31	21.39	21.34	21.44	23	
5	16QAM	25	0	21.33	21.30	21.33	21.38	21.54		
5	64QAM	1	0	22.39	22.32	22.46	22.47	22.45		
5	64QAM	1	12	22.39	22.46	22.55	22.31	22.59		
5	64QAM	1	24	22.48	22.51	22.48	22.41	22.51	23	
5	64QAM	12	0	21.35	21.47	21.37	21.37	21.37		
5	64QAM	12	7	21.34	21.23	21.33	21.48	21.29		
5	64QAM	12	13	21.18	21.34	21.41	21.33	21.30		
5	64QAM	25	0	21.30	21.29	21.30	21.27	21.38	20	
5	256QAM	1	0	18.46	18.41	18.29	18.43	18.37		
5	256QAM	1	12	18.25	18.30	18.24	18.12	18.39		
5	256QAM	1	18.38	18.37	18.26	18.17	18.06	18.47		
5	256QAM	12	7	18.26	18.23	18.07	18.17	18.27		
5	256QAM	12	7	18.01	17.95	17.99	18.10	18.07	20	
5	256QAM	12	13	18.24	18.25	18.19	18.21	18.27		
5	256QAM	12	13	18.07	18.07	18.15	18.26	18.15		

n2 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	DFT-s-OFDM PI/2 BPSK	1	1	16.96	17.13	16.94	18.00
20		1	53	17.05	17.14	16.95	
20		1	104	16.99	17.14	16.95	
20		50	1	16.66	16.78	16.66	18.00
20	DFT-s-OFDM QPSK	50	25	17.15	17.33	17.18	
20		50	50	16.68	16.88	16.68	
20		100	0	16.72	16.81	16.70	
20		1	1	17.28	17.40	17.35	18.00
20	DFT-s-OFDM 16QAM	1	53	17.31	17.27	17.16	
20		1	104	17.28	17.22	17.30	
20		50	1	16.24	16.52	16.35	17.50
20		50	25	16.72	16.97	16.80	
20	DFT-s-OFDM 64QAM	50	50	16.27	16.37	16.28	
20		100	0	16.26	16.35	16.34	
20	CP-OFDM QPSK	1	1	16.32	16.33	16.24	17.00
20	CP-OFDM 16QAM	1	1	14.75	14.86	14.73	15.50
20	CP-OFDM 256QAM	1	1	12.40	12.69	12.62	13.50
20	CP-OFDM QPSK	1	1	15.81	15.76	15.81	16.50
20	CP-OFDM 16QAM	1	1	15.34	15.24	15.28	16.00
20	CP-OFDM 64QAM	1	1	13.91	13.86	13.86	14.50
20	CP-OFDM 256QAM	1	1	10.49	10.38	10.67	11.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	DFT-s-OFDM QPSK	1	1	17.04	17.02	17.21	18.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	DFT-s-OFDM QPSK	1	1	16.91	16.89	16.95	17.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	16.85	16.82	16.81	17.50

n7 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	DFT-s-OFDM PI/2 BPSK	1	1	21.40	21.45	21.48	23.00
20		1	53	21.41	21.49	21.63	
20		1	104	21.54	21.71	21.01	
20		50	1	21.08	20.71	21.32	22.50
20		50	25	21.60	21.26	21.86	
20		50	50	21.13	21.26	21.27	
20		100	0	21.13	21.15	21.36	
20	DFT-s-OFDM QPSK	1	1	21.97	22.00	21.96	23.00
20		1	53	21.72	19.48	21.70	
20		1	104	21.68	20.56	19.68	
20		50	1	20.63	18.46	20.85	22.50
20		50	25	21.79	21.83	21.82	
20		50	50	20.69	18.90	19.79	
20		100	0	21.00	21.23	21.20	
20	DFT-s-OFDM 16QAM	1	1	20.84	17.53	19.85	21.50
20	DFT-s-OFDM 64QAM	1	1	19.28	16.13	17.96	20.00
20	DFT-s-OFDM 256QAM	1	1	16.83	16.76	16.82	17.50
20	CP-OFDM QPSK	1	1	20.25	20.13	20.25	21.00
20	CP-OFDM 16QAM	1	1	19.81	19.35	19.81	20.50
20	CP-OFDM 64QAM	1	1	18.18	18.23	18.21	19.00
20	CP-OFDM 256QAM	1	1	14.74	14.69	14.85	15.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	21.65	21.65	21.84	23.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	21.65	21.29	21.55	23.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	21.83	21.02	21.58	23.50

n12 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	DFT-s-OFDM PI/2 BPSK	1	1	22.01	22.02	22.19	23.00
15		1	39	21.96	22.17	22.14	
15		1	77	22.04	22.10	22.06	
15		36	1	21.76	21.78	21.73	23.00
15		36	18	22.19	22.19	22.20	
15		36	37	21.78	21.81	21.79	
15		75	0	21.70	21.73	21.76	
15	DFT-s-OFDM QPSK	1	1	22.19	22.35	22.20	23.00
15		1	39	22.22	22.15	22.18	
15		1	77	22.24	22.17	22.27	
15		36	1	21.19	21.41	21.36	23.00
15		36	18	22.28	22.30	22.29	
15		36	37	21.24	21.31	21.29	
15		75	0	21.26	21.34	21.33	
15	DFT-s-OFDM 16QAM	1	1	21.27	21.30	21.34	22.00
15	DFT-s-OFDM 64QAM	1	1	19.81	19.79	19.85	20.50
15	DFT-s-OFDM 256QAM	1	1	17.70	17.95	17.95	18.50
15	CP-OFDM QPSK	1	1	20.80	20.80	20.79	21.50
15	CP-OFDM 16QAM	1	1	20.27	20.30	20.31	21.00
15	CP-OFDM 64QAM	1	1	19.04	18.91	18.91	20.00
15	CP-OFDM 256QAM	1	1	15.75	15.65	15.71	16.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	22.08	22.10	22.11	23.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	22.11	22.09	21.99	23.00

n14 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	DFT-s-OFDM PI/2 BPSK	1	1		22.05		23.00
10		1	26		21.98		
10		1	50		21.92		
10		25	1		21.72		23.00
10		25	12		22.17		
10		25	25		21.65		
10		50	0		21.67		
10	DFT-s-OFDM QPSK	1	1		22.63		23.00
10		1	26		22.34		
10		1	50		22.03		
10		25	1		21.17		23.00
10		25	12		22.26		
10		25	25		21.24		
10		50	0		21.80		
10	DFT-s-OFDM 16QAM	1	1		21.36		22.00
10	DFT-s-OFDM 64QAM	1	1		19.86		20.50
10	DFT-s-OFDM 256QAM	1	1		17.51		18.50
10	CP-OFDM QPSK	1	1		20.84		21.50
10	CP-OFDM 16QAM	1	1		20.29		21.00
10	CP-OFDM 64QAM	1	1		18.92		19.50
10	CP-OFDM 256QAM	1	1		15.47		16.00
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	DFT-s-OFDM QPSK	1	1	22.18	22.25	22.36	23.00

n25 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	DFT-s-OFDM PI/2 BPSK	1	1	18.47	18.71	18.69	20.00
20		1	53	18.61	18.77	18.66	
20		1	104	18.61	18.76	18.66	
20		50	1	18.30	18.38	18.37	19.50
20		50	25	18.78	18.93	18.88	
20		50	50	18.31	18.43	18.37	
20		100	0	18.34	18.45	18.39	
20	DFT-s-OFDM QPSK	1	1	19.08	19.16	19.04	20.00
20		1	53	18.79	18.89	18.76	
20		1	104	18.92	18.90	18.73	
20		50	1	17.74	18.01	17.89	20.00
20		50	25	18.88	19.07	18.89	
20		50	50	17.84	18.04	17.87	
20		100	0	18.30	18.50	18.20	
20	DFT-s-OFDM 16QAM	1	1	17.89	18.03	18.07	19.00
20	DFT-s-OFDM 64QAM	1	1	16.39	16.45	16.51	17.50
20	DFT-s-OFDM 256QAM	1	1	14.03	14.04	14.07	15.00
20	CP-OFDM QPSK	1	1	17.39	17.40	17.39	18.00
20	CP-OFDM 16QAM	1	1	16.89	16.94	16.94	17.50
20	CP-OFDM 64QAM	1	1	15.48	15.49	15.53	16.50
20	CP-OFDM 256QAM	1	1	12.12	12.01	12.05	13.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	18.55	18.65	18.86	19.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	18.65	18.62	18.51	19.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	18.55	18.58	18.55	19.50

n26(814-824MHz) (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					163800		
Frequency (MHz)					819		
10	DFT-s-OFDM PI/2 BPSK	1	1		21.31		22.00
10		1	26		21.33		
10		1	50		21.32		
10		25	1		20.99		22.00
10		25	12		21.48		
10		25	25		21.01		
10		50	0		20.93		
10	DFT-s-OFDM QPSK	1	1		21.62		22.50
10		1	26		21.48		
10		1	50		21.56		
10		25	1		20.52		22.50
10		25	12		21.52		
10		25	25		20.47		
10		50	0		21.00		
10	DFT-s-OFDM 16QAM	1	1		20.75		21.50
10	DFT-s-OFDM 64QAM	1	1		19.26		20.00
10	DFT-s-OFDM 256QAM	1	1		16.91		17.50
10	CP-OFDM QPSK	1	1		20.20		21.00
10	CP-OFDM 16QAM	1	1		19.63		20.50
10	CP-OFDM 64QAM	1	1		18.23		19.00
10	CP-OFDM 256QAM	1	1		14.93		15.50
Channel				163300	163800	164300	Tune-up limit (dBm)
Frequency (MHz)				816.5	819	821.5	
5	DFT-s-OFDM QPSK	1	1	21.48	21.46	21.53	22.50

n26(824-849MHz) (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	DFT-s-OFDM PI/2 BPSK	1	1	21.21	21.28	21.41	22.00
20		1	53	21.13	21.30	21.35	
20		1	104	21.22	21.22	21.27	
20		50	1	20.89	20.95	21.03	22.50
20		50	25	21.38	21.38	21.61	
20		50	50	20.83	20.83	21.12	
20		100	0	20.97	20.90	21.06	
20	DFT-s-OFDM QPSK	1	1	21.67	21.71	21.61	22.50
20		1	53	21.37	21.52	21.47	
20		1	104	21.34	21.34	21.40	
20		50	1	20.38	20.43	20.63	22.50
20		50	25	21.36	21.62	21.60	
20		50	50	20.46	20.47	20.59	
20		100	0	20.70	20.90	20.63	
20	DFT-s-OFDM 16QAM	1	1	20.49	20.66	20.74	21.50
20	DFT-s-OFDM 64QAM	1	1	18.95	19.06	19.16	20.00
20	DFT-s-OFDM 256QAM	1	1	16.76	16.77	16.92	17.50
20	CP-OFDM QPSK	1	1	19.91	19.71	20.15	21.00
20	CP-OFDM 16QAM	1	1	19.43	19.38	19.72	20.50
20	CP-OFDM 64QAM	1	1	17.97	17.89	18.20	19.00
20	CP-OFDM 256QAM	1	1	14.93	15.22	15.12	16.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	21.45	21.42	21.50	22.50
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	21.43	21.48	21.44	22.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	21.57	21.53	21.39	22.50

n66 (PC3)							
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	DFT-s-OFDM PI/2 BPSK	1	1	18.65	18.60	18.56	20.00
20		1	53	18.62	18.59	18.60	
20		1	104	18.51	18.65	18.70	
20		50	1	18.32	18.25	18.24	19.50
20		50	25	18.77	18.74	18.67	
20		50	50	18.24	18.20	18.23	
20		100	0	18.26	18.19	18.25	
20	DFT-s-OFDM QPSK	1	1	18.95	19.03	18.99	20.00
20		1	53	18.70	18.61	18.90	
20		1	104	18.61	18.59	18.85	
20		50	1	17.78	17.77	17.83	19.50
20		50	25	18.84	18.85	18.80	
20		50	50	17.78	17.76	17.83	
20		100	0	17.76	18.30	17.77	
20	DFT-s-OFDM 16QAM	1	1	17.85	17.79	17.82	18.50
20	DFT-s-OFDM 64QAM	1	1	16.31	16.20	16.23	17.00
20	DFT-s-OFDM 256QAM	1	1	13.99	13.92	13.91	14.50
20	CP-OFDM QPSK	1	1	17.39	17.28	17.25	18.00
20	CP-OFDM 16QAM	1	1	16.88	16.80	16.72	17.50
20	CP-OFDM 64QAM	1	1	15.48	15.36	15.33	16.00
20	CP-OFDM 256QAM	1	1	12.07	11.91	11.92	13.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	18.82	18.70	18.63	19.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	18.87	18.64	18.61	19.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	18.79	18.52	18.59	19.50

5.8GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans Tx Limit	Power Setting	Duty Cycle %
802.11a BSSps	CH 186	5745	10.14	11.00	10.00	90.00
	CH 187	5755	11.36	12.00	14.00	
	CH 188	5825	12.21	13.00	14.00	
802.11n-HT20 MCS0	CH 189	5745	10.07	10.00	14.00	90.00
	CH 187	5755	11.24	11.50	14.00	
	CH 188	5825	12.08	12.50	14.00	
802.11n-HT40 MCS0	CH 191	5755	10.57	11.00	14.00	90.00
	CH 189	5765	11.53	12.00	14.00	
	CH 190	5795	7.86	8.50	12.00	
802.11ac-VHT20 MCS0	CH 187	5755	9.43	9.50	10.00	90.00
	CH 188	5825	9.97	10.00	12.00	
	CH 191	5755	8.34	8.50	12.00	
802.11ac-VHT40 MCS0	CH 189	5765	8.52	10.00	12.00	90.00
	CH 190	5795	8.18	8.50	12.00	
	CH 188	5825	7.80	8.50	12.00	
802.11ax-HEW20 MCS0	CH 187	5755	8.24	8.50	12.00	100.00
	CH 188	5825	10.03	10.50	12.00	
	CH 191	5755	8.30	8.50	12.00	
802.11ax-HEW40 MCS0	CH 189	5765	8.40	10.00	12.00	90.00
	CH 190	5795	8.32	10.00	12.00	
	CH 188	5825	10.00	10.00	12.00	

5.8GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans Tx Limit	Power Setting	Duty Cycle %
802.11a BSSps	CH 186	5745	14.94	15.00	15.00	90.00
	CH 187	5755	14.48	15.00	13.00	
	CH 188	5825	13.04	14.00	13.00	
802.11n-HT20 MCS0	CH 189	5745	12.63	13.00	11.00	90.00
	CH 187	5755	12.65	13.00	11.00	
	CH 188	5825	12.04	12.50	11.00	
802.11n-HT40 MCS0	CH 191	5755	12.75	13.00	11.00	90.00
	CH 189	5765	12.55	13.00	11.00	
	CH 190	5795	10.80	11.00	9.00	
802.11ac-VHT20 MCS0	CH 187	5755	11.00	11.00	9.00	90.00
	CH 188	5825	10.30	11.00	9.00	
	CH 191	5755	11.04	11.50	9.00	
802.11ac-VHT40 MCS0	CH 189	5765	10.00	11.00	9.00	90.00
	CH 190	5795	10.70	11.50	9.00	
	CH 188	5825	10.50	11.50	9.00	
802.11ax-HEW20 MCS0	CH 187	5755	10.00	11.00	9.00	100.00
	CH 188	5825	10.30	11.00	9.00	
	CH 191	5755	10.47	11.50	9.00	
802.11ax-HEW40 MCS0	CH 189	5765	10.70	11.50	9.00	90.00
	CH 190	5795	10.70	11.50	9.00	
	CH 188	5825	10.91	11.50	9.00	

5.8GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans Tx Limit	Power Setting	Duty Cycle %
802.11a BSSps	CH 186	5745	N/A	N/A	N/A	N/A
	CH 187	5755	N/A	N/A	N/A	
	CH 188	5825	N/A	N/A	N/A	
802.11n-HT20 MCS0	CH 189	5745	11.80	12.00	9.00	90.00
	CH 187	5755	11.90	12.00	9.00	
	CH 188	5825	11.40	12.00	9.00	
802.11n-HT40 MCS0	CH 191	5755	12.80	12.00	9.00	90.00
	CH 189	5765	12.00	12.00	9.00	
	CH 190	5795	8.94	10.00	7.00	
802.11ac-VHT20 MCS0	CH 187	5755	10.17	10.00	7.00	90.00
	CH 188	5825	9.85	10.00	7.00	
	CH 191	5755	10.00	10.00	7.00	
802.11ac-VHT40 MCS0	CH 189	5765	9.90	10.00	7.00	90.00
	CH 190	5795	10.00	10.00	7.00	
	CH 188	5825	9.87	10.00	7.00	
802.11ax-HEW20 MCS0	CH 187	5755	10.10	10.00	7.00	90.00
	CH 188	5825	9.95	10.00	7.00	
	CH 191	5755	9.98	10.00	7.00	
802.11ax-HEW40 MCS0	CH 189	5765	9.90	10.00	7.00	100.00
	CH 190	5795	9.90	10.00	7.00	
	CH 188	5825	10.10	10.00	7.00	