



FCC SAR TEST REPORT

Report No. :FA550731B

10	16QAM	25	12	18.10	18.08	18.31	18.60
10	16QAM	25	25	18.07	18.15	18.31	18.60
10	16QAM	50	0	18.05	18.20	18.27	18.60
10	64QAM	1	0	18.10	17.98	18.13	18.60
10	64QAM	1	25	17.93	17.96	18.07	18.60
10	64QAM	1	49	17.99	17.93	18.14	18.60
10	64QAM	25	0	18.09	18.04	18.19	18.60
10	64QAM	25	12	18.14	18.06	18.13	18.60
10	64QAM	25	25	18.18	18.00	18.31	18.60
10	64QAM	50	0	18.22	17.99	18.16	18.60
10	256QAM	1	0	18.19	17.96	18.25	18.60
10	256QAM	1	25	17.87	17.86	17.95	18.60
10	256QAM	1	49	17.90	17.93	18.07	18.60
10	256QAM	25	0	18.17	18.07	18.31	18.60
10	256QAM	25	12	18.12	18.10	18.11	18.60
10	256QAM	25	25	18.02	18.06	18.17	18.60
10	256QAM	50	0	18.07	18.14	18.30	18.60
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.30	18.18	18.37	18.60
5	QPSK	1	12	18.02	18.15	18.16	18.60
5	QPSK	1	24	18.12	18.09	18.33	18.60
5	QPSK	12	0	18.20	18.26	18.42	18.60
5	QPSK	12	7	18.20	18.18	18.38	18.60
5	QPSK	12	13	18.14	18.20	18.27	18.60
5	QPSK	25	0	18.15	18.23	18.31	18.60
5	16QAM	1	0	18.05	18.18	18.28	18.60
5	16QAM	1	12	17.95	18.03	18.13	18.60
5	16QAM	1	24	17.97	18.13	18.37	18.60
5	16QAM	12	0	18.15	18.11	18.25	18.60
5	16QAM	12	7	18.12	18.12	18.30	18.60
5	16QAM	12	13	18.06	18.16	18.24	18.60
5	16QAM	25	0	18.07	18.16	18.34	18.60
5	64QAM	1	0	18.09	17.92	18.17	18.60
5	64QAM	1	12	17.97	17.97	18.06	18.60
5	64QAM	1	24	17.97	18.00	18.13	18.60
5	64QAM	12	0	18.19	18.12	18.25	18.60
5	64QAM	12	7	18.14	18.08	18.15	18.60
5	64QAM	12	13	18.13	18.05	18.31	18.60
5	64QAM	25	0	18.22	18.06	18.23	18.60
5	256QAM	1	0	18.20	17.96	18.18	18.60
5	256QAM	1	12	17.86	17.78	17.95	18.60
5	256QAM	1	24	17.93	17.84	18.15	18.60
5	256QAM	12	0	18.09	18.14	18.20	18.60
5	256QAM	12	7	18.14	18.02	18.24	18.60
5	256QAM	12	13	18.06	18.06	18.22	18.60
5	256QAM	25	0	18.09	18.09	18.33	18.60
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.25	18.23	18.44	18.60
3	QPSK	1	8	18.08	18.10	18.15	18.60
3	QPSK	1	14	18.23	18.11	18.36	18.60
3	QPSK	8	0	18.31	18.26	18.40	18.60
3	QPSK	8	4	18.22	18.26	18.37	18.60
3	QPSK	8	7	18.17	18.25	18.27	18.60
3	QPSK	15	0	18.19	18.14	18.39	18.60
3	16QAM	1	0	18.04	18.14	18.22	18.60
3	16QAM	1	8	17.94	17.91	18.09	18.60
3	16QAM	1	14	18.03	18.15	18.33	18.60
3	16QAM	8	0	18.09	18.10	18.29	18.60
3	16QAM	8	4	18.16	18.10	18.32	18.60
3	16QAM	8	7	18.08	18.14	18.27	18.60
3	16QAM	15	0	18.10	18.07	18.31	18.60
3	64QAM	1	0	18.11	17.95	18.15	18.60
3	64QAM	1	8	18.03	18.02	18.06	18.60
3	64QAM	1	14	17.90	17.97	18.16	18.60
3	64QAM	8	0	18.11	18.07	18.18	18.60
3	64QAM	8	4	18.14	18.11	18.26	18.60
3	64QAM	8	7	18.09	17.99	18.28	18.60
3	64QAM	15	0	18.23	17.98	18.26	18.60
3	256QAM	1	0	18.17	17.99	18.29	18.60
3	256QAM	1	8	17.87	17.81	17.83	18.60
3	256QAM	1	14	17.92	17.93	18.16	18.60
3	256QAM	8	0	18.20	18.19	18.19	18.60
3	256QAM	8	4	18.10	18.04	18.25	18.60
3	256QAM	8	7	18.08	18.11	18.27	18.60
3	256QAM	15	0	18.17	18.09	18.21	18.60
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.24	18.23	18.38	18.60
1.4	QPSK	1	3	18.10	18.23	18.09	18.60
1.4	QPSK	1	5	18.18	18.04	18.39	18.60
1.4	QPSK	3	0	18.20	18.22	18.41	18.60
1.4	QPSK	3	1	18.30	18.16	18.28	18.60
1.4	QPSK	3	3	18.12	18.12	18.39	18.60
1.4	QPSK	6	0	18.20	18.25	18.36	18.60
1.4	16QAM	1	0	18.04	18.18	18.16	18.60
1.4	16QAM	1	3	17.93	17.91	18.11	18.60
1.4	16QAM	1	5	18.01	18.07	18.38	18.60
1.4	16QAM	3	0	18.13	18.14	18.25	18.60
1.4	16QAM	3	1	18.16	18.14	18.27	18.60
1.4	16QAM	3	3	18.09	18.06	18.33	18.60
1.4	16QAM	6	0	18.11	18.16	18.27	18.60
1.4	64QAM	1	0	18.14	17.90	18.11	18.60
1.4	64QAM	1	3	18.01	18.00	18.14	18.60
1.4	64QAM	1	5	17.90	17.95	18.09	18.60
1.4	64QAM	3	0	18.21	18.04	18.22	18.60
1.4	64QAM	3	1	18.06	18.06	18.20	18.60
1.4	64QAM	3	3	18.13	18.05	18.31	18.60
1.4	64QAM	6	0	18.19	18.03	18.26	18.60
1.4	256QAM	1	0	18.10	18.06	18.29	18.60
1.4	256QAM	1	3	17.86	17.78	17.96	18.60
1.4	256QAM	1	5	17.89	17.82	18.12	18.60
1.4	256QAM	3	0	18.17	18.06	18.26	18.60
1.4	256QAM	3	1	18.17	18.11	18.14	18.60
1.4	256QAM	3	3	18.12	18.10	18.18	18.60
1.4	256QAM	6	0	18.09	18.17	18.22	18.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.36	18.32	18.46	18.90
20	QPSK	1	49	18.15	18.24	18.24	18.90
20	QPSK	1	99	18.26	18.18	18.42	18.90
20	QPSK	50	0	18.33	18.31	18.45	18.90
20	QPSK	50	24	18.32	18.30	18.43	18.90
20	QPSK	50	50	18.26	18.26	18.42	18.90
20	QPSK	100	0	18.30	18.27	18.40	18.90
20	16QAM	1	0	18.17	18.22	18.31	18.90
20	16QAM	1	49	18.00	18.04	18.23	18.90
20	16QAM	1	99	18.11	18.20	18.42	18.90
20	16QAM	50	0	18.22	18.22	18.35	18.90
20	16QAM	50	24	18.18	18.21	18.34	18.90
20	16QAM	50	50	18.15	18.20	18.37	18.90
20	16QAM	100	0	18.16	18.21	18.37	18.90
20	64QAM	1	0	18.17	18.03	18.25	18.90
20	64QAM	1	49	18.07	18.10	18.17	18.90
20	64QAM	1	99	18.02	18.03	18.23	18.90
20	64QAM	50	0	18.22	18.18	18.29	18.90
20	64QAM	50	24	18.20	18.20	18.27	18.90
20	64QAM	50	50	18.23	18.07	18.32	18.90
20	64QAM	100	0	18.24	18.12	18.28	18.90
20	256QAM	1	0	18.22	18.08	18.31	18.90
20	256QAM	1	49	18.00	17.92	17.98	18.90
20	256QAM	1	99	17.99	17.95	18.18	18.90
20	256QAM	50	0	18.24	18.20	18.33	18.90
20	256QAM	50	24	18.19	18.15	18.26	18.90
20	256QAM	50	50	18.17	18.16	18.30	18.90
20	256QAM	100	0	18.22	18.21	18.34	18.90
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.21	18.28	18.44	18.90
15	QPSK	1	37	18.07	18.15	18.10	18.90
15	QPSK	1	74	18.21	18.16	18.39	18.90
15	QPSK	36	0	18.26	18.20	18.34	18.90
15	QPSK	36	20	18.26	18.23	18.41	18.90
15	QPSK	36	39	18.18	18.18	18.38	18.90
15	QPSK	75	0	18.22	18.18	18.35	18.90
15	16QAM	1	0	18.12	18.11	18.26	18.90
15	16QAM	1	37	17.96	17.93	18.10	18.90
15	16QAM	1	74	18.10	18.10	18.27	18.90
15	16QAM	36	0	18.08	18.08	18.23	18.90



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15	16QAM	36	20	18.10	18.11	18.30	18.90
15	16QAM	36	39	18.11	18.10	18.28	18.90
15	16QAM	75	0	18.12	18.08	18.36	18.90
15	64QAM	1	0	18.05	17.99	18.15	18.90
15	64QAM	1	37	18.04	17.95	18.10	18.90
15	64QAM	1	74	17.91	17.97	18.08	18.90
15	64QAM	36	0	18.09	18.15	18.21	18.90
15	64QAM	36	20	18.19	18.17	18.23	18.90
15	64QAM	36	39	18.10	17.93	18.29	18.90
15	64QAM	75	0	18.14	18.09	18.25	18.90
15	256QAM	1	0	18.20	18.04	18.16	18.90
15	256QAM	1	37	17.98	17.80	17.96	18.90
15	256QAM	1	74	17.92	17.80	18.04	18.90
15	256QAM	36	0	18.19	18.08	18.22	18.90
15	256QAM	36	20	18.17	18.08	18.24	18.90
15	256QAM	36	39	18.05	18.05	18.16	18.90
15	256QAM	75	0	18.11	18.06	18.27	18.90
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.22	18.19	18.34	18.90
10	QPSK	1	25	18.12	18.21	18.15	18.90
10	QPSK	1	49	18.24	18.15	18.35	18.90
10	QPSK	25	0	18.21	18.28	18.37	18.90
10	QPSK	25	12	18.26	18.25	18.38	18.90
10	QPSK	25	25	18.19	18.16	18.36	18.90
10	QPSK	50	0	18.25	18.21	18.35	18.90
10	16QAM	1	0	18.07	18.10	18.22	18.90
10	16QAM	1	25	17.89	18.01	18.09	18.90
10	16QAM	1	49	18.00	18.10	18.39	18.90
10	16QAM	25	0	18.18	18.18	18.30	18.90
10	16QAM	25	12	18.10	18.08	18.31	18.90
10	16QAM	25	25	18.07	18.15	18.31	18.90
10	16QAM	50	0	18.05	18.20	18.27	18.90
10	64QAM	1	0	18.10	17.98	18.13	18.90
10	64QAM	1	25	17.93	17.96	18.07	18.90
10	64QAM	1	49	17.99	17.93	18.14	18.90
10	64QAM	25	0	18.09	18.04	18.19	18.90
10	64QAM	25	12	18.14	18.06	18.13	18.90
10	64QAM	25	25	18.18	18.00	18.31	18.90
10	64QAM	50	0	18.22	17.99	18.16	18.90
10	256QAM	1	0	18.19	17.96	18.25	18.90
10	256QAM	1	25	17.87	17.86	17.95	18.90
10	256QAM	1	49	17.90	17.93	18.07	18.90
10	256QAM	25	0	18.17	18.07	18.31	18.90
10	256QAM	25	12	18.12	18.10	18.11	18.90
10	256QAM	25	25	18.02	18.06	18.17	18.90
10	256QAM	50	0	18.07	18.14	18.30	18.90
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.30	18.18	18.37	18.90
5	QPSK	1	12	18.02	18.15	18.16	18.90
5	QPSK	1	24	18.12	18.09	18.33	18.90
5	QPSK	12	0	18.20	18.26	18.42	18.90
5	QPSK	12	7	18.20	18.18	18.38	18.90
5	QPSK	12	13	18.14	18.20	18.27	18.90
5	QPSK	25	0	18.15	18.23	18.31	18.90
5	16QAM	1	0	18.05	18.18	18.28	18.90
5	16QAM	1	12	17.95	18.03	18.13	18.90
5	16QAM	1	24	17.97	18.13	18.37	18.90
5	16QAM	12	0	18.15	18.11	18.25	18.90
5	16QAM	12	7	18.12	18.12	18.30	18.90
5	16QAM	12	13	18.06	18.16	18.24	18.90
5	16QAM	25	0	18.07	18.16	18.34	18.90
5	64QAM	1	0	18.09	17.92	18.17	18.90
5	64QAM	1	12	17.97	17.97	18.06	18.90
5	64QAM	1	24	17.97	18.00	18.13	18.90
5	64QAM	12	0	18.19	18.12	18.25	18.90
5	64QAM	12	7	18.14	18.08	18.15	18.90
5	64QAM	12	13	18.13	18.05	18.31	18.90
5	64QAM	25	0	18.22	18.06	18.23	18.90
5	256QAM	1	0	18.20	17.96	18.18	18.90
5	256QAM	1	12	17.86	17.78	17.95	18.90
5	256QAM	1	24	17.93	17.84	18.15	18.90
5	256QAM	12	0	18.09	18.14	18.20	18.90
5	256QAM	12	7	18.14	18.02	18.24	18.90
5	256QAM	12	13	18.06	18.06	18.22	18.90
5	256QAM	25	0	18.09	18.09	18.33	18.90
Channel				131987	132322	132657	Tune-up limit

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.25	18.23	18.44	18.90
3	QPSK	1	8	18.08	18.10	18.15	18.90
3	QPSK	1	14	18.23	18.11	18.36	18.90
3	QPSK	8	0	18.31	18.26	18.40	18.90
3	QPSK	8	4	18.22	18.26	18.37	18.90
3	QPSK	8	7	18.17	18.25	18.27	18.90
3	QPSK	15	0	18.19	18.14	18.39	18.90
3	16QAM	1	0	18.04	18.14	18.22	18.90
3	16QAM	1	8	17.94	17.91	18.09	18.90
3	16QAM	1	14	18.03	18.15	18.33	18.90
3	16QAM	8	0	18.09	18.10	18.29	18.90
3	16QAM	8	4	18.16	18.10	18.32	18.90
3	16QAM	8	7	18.08	18.14	18.27	18.90
3	16QAM	15	0	18.10	18.07	18.31	18.90
3	64QAM	1	0	18.11	17.95	18.15	18.90
3	64QAM	1	8	18.03	18.02	18.06	18.90
3	64QAM	1	14	17.90	17.97	18.16	18.90
3	64QAM	8	0	18.11	18.07	18.18	18.90
3	64QAM	8	4	18.14	18.11	18.26	18.90
3	64QAM	8	7	18.09	17.99	18.28	18.90
3	64QAM	15	0	18.23	17.98	18.26	18.90
3	256QAM	1	0	18.17	17.99	18.29	18.90
3	256QAM	1	8	17.87	17.81	17.83	18.90
3	256QAM	1	14	17.92	17.93	18.16	18.90
3	256QAM	8	0	18.20	18.19	18.19	18.90
3	256QAM	8	4	18.10	18.04	18.25	18.90
3	256QAM	8	7	18.08	18.11	18.27	18.90
3	256QAM	15	0	18.17	18.09	18.21	18.90
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.24	18.23	18.38	18.90
1.4	QPSK	1	3	18.10	18.23	18.09	18.90
1.4	QPSK	1	5	18.18	18.04	18.39	18.90
1.4	QPSK	3	0	18.20	18.22	18.41	18.90
1.4	QPSK	3	1	18.30	18.16	18.28	18.90
1.4	QPSK	3	3	18.12	18.12	18.39	18.90
1.4	QPSK	6	0	18.20	18.25	18.36	18.90
1.4	16QAM	1	0	18.04	18.18	18.16	18.90
1.4	16QAM	1	3	17.93	17.91	18.11	18.90
1.4	16QAM	1	5	18.01	18.07	18.38	18.90
1.4	16QAM	3	0	18.13	18.14	18.25	18.90
1.4	16QAM	3	1	18.16	18.14	18.27	18.90
1.4	16QAM	3	3	18.09	18.06	18.33	18.90
1.4	16QAM	6	0	18.11	18.16	18.27	18.90
1.4	64QAM	1	0	18.14	17.90	18.11	18.90
1.4	64QAM	1	3	18.01	18.00	18.14	18.90
1.4	64QAM	1	5	17.90	17.95	18.09	18.90
1.4	64QAM	3	0	18.21	18.04	18.22	18.90
1.4	64QAM	3	1	18.06	18.06	18.20	18.90
1.4	64QAM	3	3	18.13	18.05	18.31	18.90
1.4	64QAM	6	0	18.19	18.03	18.26	18.90
1.4	256QAM	1	0	18.10	18.06	18.29	18.90
1.4	256QAM	1	3	17.86	17.78	17.96	18.90
1.4	256QAM	1	5	17.89	17.82	18.12	18.90
1.4	256QAM	3	0	18.17	18.06	18.26	18.90
1.4	256QAM	3	1	18.17	18.11	18.14	18.90
1.4	256QAM	3	3	18.12	18.10	18.18	18.90
1.4	256QAM	6	0	18.09	18.17	18.22	18.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.49	23.28	23.25	24.70
20	QPSK	1	49	23.43	23.26	23.25	24.70
20	QPSK	1	99	23.30	23.19	23.15	24.70
20	QPSK	50	0	22.73	22.53	22.52	23.70
20	QPSK	50	24	22.66	22.51	22.49	23.70
20	QPSK	50	50	22.64	22.46	22.48	23.70
20	QPSK	100	0	22.66	22.52	22.51	23.70
20	16QAM	1	0	23.02	22.77	22.70	23.70
20	16QAM	1	49	22.75	22.62	22.58	23.70
20	16QAM	1	99	22.82	22.70	22.68	23.70
20	16QAM	50	0	21.69	21.53	21.50	22.70



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20	16QAM	50	24	21.67	21.51	21.49	22.70
20	16QAM	50	50	21.61	21.47	21.48	22.70
20	16QAM	100	0	21.67	21.51	21.49	22.70
20	64QAM	1	0	21.96	21.72	21.66	22.70
20	64QAM	1	49	21.84	21.68	21.66	22.70
20	64QAM	1	99	21.75	21.63	21.63	22.70
20	64QAM	50	0	20.70	20.53	20.50	21.70
20	64QAM	50	24	20.64	20.49	20.49	21.70
20	64QAM	50	50	20.61	20.47	20.50	21.70
20	64QAM	100	0	20.64	20.49	20.49	21.70
20	256QAM	1	0	18.95	18.66	18.67	19.70
20	256QAM	1	49	18.75	18.54	18.55	19.70
20	256QAM	1	99	18.74	18.58	18.63	19.70
20	256QAM	50	0	18.69	18.48	18.46	19.70
20	256QAM	50	24	18.64	18.43	18.46	19.70
20	256QAM	50	50	18.59	18.41	18.45	19.70
20	256QAM	100	0	18.65	18.46	18.46	19.70
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	23.47	23.27	22.89	24.70
15	QPSK	1	37	23.39	23.20	23.09	24.70
15	QPSK	1	74	23.36	23.19	22.83	24.70
15	QPSK	36	0	22.75	22.52	22.47	23.70
15	QPSK	36	20	22.71	22.50	22.45	23.70
15	QPSK	36	39	22.68	22.47	22.45	23.70
15	QPSK	75	0	22.72	22.53	22.48	23.70
15	16QAM	1	0	23.05	22.78	22.70	23.70
15	16QAM	1	37	22.93	22.67	22.68	23.70
15	16QAM	1	74	22.89	22.70	22.58	23.70
15	16QAM	36	0	21.75	21.53	21.49	22.70
15	16QAM	36	20	21.71	21.50	21.46	22.70
15	16QAM	36	39	21.69	21.49	21.46	22.70
15	16QAM	75	0	21.73	21.50	21.47	22.70
15	64QAM	1	0	21.99	21.75	21.65	22.70
15	64QAM	1	37	21.64	21.43	21.36	22.70
15	64QAM	1	74	21.80	21.63	21.58	22.70
15	64QAM	36	0	20.71	20.51	20.46	21.70
15	64QAM	36	20	20.66	20.46	20.44	21.70
15	64QAM	36	39	20.65	20.45	20.43	21.70
15	64QAM	75	0	20.68	20.43	20.46	21.70
15	256QAM	1	0	18.99	18.67	18.64	19.70
15	256QAM	1	37	18.81	18.55	18.55	19.70
15	256QAM	1	74	18.83	18.58	18.58	19.70
15	256QAM	36	0	18.75	18.48	18.45	19.70
15	256QAM	36	20	18.69	18.44	18.42	19.70
15	256QAM	36	39	18.66	18.43	18.41	19.70
15	256QAM	75	0	18.69	18.37	18.44	19.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.48	23.26	23.24	24.70
10	QPSK	1	25	23.36	23.09	23.08	24.70
10	QPSK	1	49	23.45	23.19	23.14	24.70
10	QPSK	25	0	22.76	22.46	22.49	23.70
10	QPSK	25	12	22.74	22.50	22.48	23.70
10	QPSK	25	25	22.72	22.46	22.45	23.70
10	QPSK	50	0	22.75	22.46	22.49	23.70
10	16QAM	1	0	22.90	22.74	22.74	23.70
10	16QAM	1	25	22.99	22.72	22.70	23.70
10	16QAM	1	49	22.95	22.69	22.60	23.70
10	16QAM	25	0	21.75	21.52	21.51	22.70
10	16QAM	25	12	21.72	21.49	21.50	22.70
10	16QAM	25	25	21.71	21.48	21.47	22.70
10	16QAM	50	0	21.73	21.44	21.48	22.70
10	64QAM	1	0	21.88	21.67	21.60	22.70
10	64QAM	1	25	21.80	21.61	21.58	22.70
10	64QAM	1	49	21.81	21.61	21.58	22.70
10	64QAM	25	0	20.71	20.49	20.50	21.70
10	64QAM	25	12	20.69	20.47	20.47	21.70
10	64QAM	25	25	20.68	20.46	20.46	21.70
10	64QAM	50	0	20.72	20.40	20.49	21.70
10	256QAM	1	0	18.89	18.69	18.65	19.70
10	256QAM	1	25	18.76	18.59	18.59	19.70
10	256QAM	1	49	18.79	18.64	18.63	19.70
10	256QAM	25	0	18.72	18.49	18.50	19.70
10	256QAM	25	12	18.70	18.47	18.48	19.70
10	256QAM	25	25	18.68	18.44	18.46	19.70
10	256QAM	50	0	18.69	18.40	18.47	19.70
Channel				131997	132322	132647	Tune-up limit



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Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.47	23.26	23.21	24.70
5	QPSK	1	12	23.45	23.25	23.16	24.70
5	QPSK	1	24	23.46	23.20	23.17	24.70
5	QPSK	12	0	22.75	22.42	22.47	23.70
5	QPSK	12	7	22.74	22.48	22.45	23.70
5	QPSK	12	13	22.71	22.49	22.44	23.70
5	QPSK	25	0	22.69	22.50	22.42	23.70
5	16QAM	1	0	23.04	22.79	22.74	23.70
5	16QAM	1	12	23.07	22.80	22.76	23.70
5	16QAM	1	24	23.01	22.77	22.63	23.70
5	16QAM	12	0	21.71	21.42	21.52	22.70
5	16QAM	12	7	21.74	21.51	21.50	22.70
5	16QAM	12	13	21.69	21.51	21.45	22.70
5	16QAM	25	0	21.70	21.47	21.18	22.70
5	64QAM	1	0	21.97	21.73	21.71	22.70
5	64QAM	1	12	21.68	21.40	21.41	22.70
5	64QAM	1	24	21.90	21.68	21.61	22.70
5	64QAM	12	0	20.69	20.36	20.45	21.70
5	64QAM	12	7	20.69	20.46	20.44	21.70
5	64QAM	12	13	20.64	20.48	20.39	21.70
5	64QAM	25	0	20.69	20.45	20.22	21.70
5	256QAM	1	0	18.90	18.71	18.71	19.70
5	256QAM	1	12	18.81	18.57	18.63	19.70
5	256QAM	1	24	18.85	18.64	18.61	19.70
5	256QAM	12	0	18.67	18.47	18.45	19.70
5	256QAM	12	7	18.68	18.45	18.46	19.70
5	256QAM	12	13	18.61	18.48	18.38	19.70
5	256QAM	25	0	18.69	18.47	18.30	19.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.36	23.03	23.07	24.70
3	QPSK	1	8	23.30	23.02	23.02	24.70
3	QPSK	1	14	23.35	23.01	23.02	24.70
3	QPSK	8	0	22.43	22.37	22.09	23.70
3	QPSK	8	4	22.53	22.39	22.32	23.70
3	QPSK	8	7	22.42	22.30	22.15	23.70
3	QPSK	15	0	22.58	22.38	22.41	23.70
3	16QAM	1	0	23.01	22.51	22.33	23.70
3	16QAM	1	8	22.91	22.59	22.28	23.70
3	16QAM	1	14	23.02	22.59	22.68	23.70
3	16QAM	8	0	21.66	21.43	21.38	22.70
3	16QAM	8	4	21.70	21.41	21.43	22.70
3	16QAM	8	7	21.62	21.42	21.34	22.70
3	16QAM	15	0	21.64	21.32	21.43	22.70
3	64QAM	1	0	21.85	21.28	21.63	22.70
3	64QAM	1	8	21.74	21.45	21.46	22.70
3	64QAM	1	14	21.78	21.58	21.54	22.70
3	64QAM	8	0	20.47	20.35	20.28	21.70
3	64QAM	8	4	20.60	20.41	20.41	21.70
3	64QAM	8	7	20.43	20.31	20.31	21.70
3	64QAM	15	0	20.61	20.44	20.48	21.70
3	256QAM	1	0	18.64	18.16	18.49	19.70
3	256QAM	1	8	18.59	18.11	18.45	19.70
3	256QAM	1	14	18.66	18.17	18.50	19.70
3	256QAM	8	0	18.45	18.30	18.28	19.70
3	256QAM	8	4	18.47	18.41	18.32	19.70
3	256QAM	8	7	18.46	18.28	18.28	19.70
3	256QAM	15	0	18.52	18.44	18.31	19.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.33	23.28	23.05	24.70
1.4	QPSK	1	3	23.09	23.06	22.87	24.70
1.4	QPSK	1	5	22.90	22.95	22.84	24.70
1.4	QPSK	3	0	23.12	23.15	22.94	24.70
1.4	QPSK	3	1	23.16	23.16	22.96	24.70
1.4	QPSK	3	3	23.21	23.24	23.02	24.70
1.4	QPSK	6	0	22.31	22.36	22.21	23.70
1.4	16QAM	1	0	21.97	21.94	21.78	23.70
1.4	16QAM	1	3	21.78	21.74	21.72	23.70
1.4	16QAM	1	5	21.96	21.93	21.79	23.70
1.4	16QAM	3	0	22.40	22.35	22.17	23.70
1.4	16QAM	3	1	22.36	22.35	22.21	23.70
1.4	16QAM	3	3	22.42	22.40	22.26	23.70
1.4	16QAM	6	0	20.97	20.95	20.77	22.70
1.4	64QAM	1	0	21.84	21.86	21.71	22.70
1.4	64QAM	1	3	21.68	21.73	21.50	22.70
1.4	64QAM	1	5	21.84	21.81	21.62	22.70



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1.4	64QAM	3	0	21.68	21.67	21.50	22.70
1.4	64QAM	3	1	21.82	21.83	21.62	22.70
1.4	64QAM	3	3	21.77	21.73	21.56	22.70
1.4	64QAM	6	0	20.44	20.40	20.21	21.70
1.4	256QAM	1	0	18.03	17.98	17.76	19.70
1.4	256QAM	1	3	18.01	18.03	17.86	19.70
1.4	256QAM	1	5	18.06	18.05	17.86	19.70
1.4	256QAM	3	0	18.04	18.00	17.85	19.70
1.4	256QAM	3	1	17.87	17.86	17.75	19.70
1.4	256QAM	3	3	17.88	17.84	17.71	19.70
1.4	256QAM	6	0	18.93	18.97	18.82	19.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.81	16.85	16.74	17.20
20	QPSK	1	49	16.70	16.73	16.74	17.20
20	QPSK	1	99	16.73	16.74	16.65	17.20
20	QPSK	50	0	16.71	16.76	16.67	17.20
20	QPSK	50	24	16.74	16.73	16.59	17.20
20	QPSK	50	50	16.71	16.74	16.56	17.20
20	QPSK	100	0	16.69	16.75	16.64	17.20
20	16QAM	1	0	16.79	16.75	16.58	17.20
20	16QAM	1	49	16.72	16.76	16.63	17.20
20	16QAM	1	99	16.72	16.73	16.68	17.20
20	16QAM	50	0	16.80	16.79	16.61	17.20
20	16QAM	50	24	16.77	16.78	16.62	17.20
20	16QAM	50	50	16.70	16.74	16.62	17.20
20	16QAM	100	0	16.78	16.79	16.60	17.20
20	64QAM	1	0	16.72	16.75	16.69	17.20
20	64QAM	1	49	16.70	16.75	16.59	17.20
20	64QAM	1	99	16.76	16.78	16.59	17.20
20	64QAM	50	0	16.71	16.74	16.62	17.20
20	64QAM	50	24	16.76	16.79	16.66	17.20
20	64QAM	50	50	16.77	16.76	16.72	17.20
20	64QAM	100	0	16.76	16.78	16.69	17.20
20	256QAM	1	0	16.79	16.80	16.71	17.20
20	256QAM	1	49	16.72	16.76	16.69	17.20
20	256QAM	1	99	16.75	16.77	16.59	17.20
20	256QAM	50	0	16.81	16.80	16.69	17.20
20	256QAM	50	24	16.72	16.76	16.63	17.20
20	256QAM	50	50	16.72	16.77	16.63	17.20
20	256QAM	100	0	16.75	16.75	16.65	17.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.80	16.77	16.65	17.20
15	QPSK	1	37	16.61	16.67	16.62	17.20
15	QPSK	1	74	16.70	16.68	16.58	17.20
15	QPSK	36	0	16.64	16.62	16.64	17.20
15	QPSK	36	20	16.68	16.67	16.49	17.20
15	QPSK	36	39	16.68	16.71	16.49	17.20
15	QPSK	75	0	16.62	16.69	16.59	17.20
15	16QAM	1	0	16.68	16.69	16.44	17.20
15	16QAM	1	37	16.61	16.70	16.55	17.20
15	16QAM	1	74	16.69	16.69	16.61	17.20
15	16QAM	36	0	16.70	16.74	16.53	17.20
15	16QAM	36	20	16.67	16.73	16.56	17.20
15	16QAM	36	39	16.63	16.64	16.53	17.20
15	16QAM	75	0	16.67	16.67	16.53	17.20
15	64QAM	1	0	16.69	16.72	16.56	17.20
15	64QAM	1	37	16.64	16.60	16.56	17.20
15	64QAM	1	74	16.65	16.74	16.49	17.20
15	64QAM	36	0	16.60	16.61	16.50	17.20
15	64QAM	36	20	16.63	16.73	16.58	17.20
15	64QAM	36	39	16.75	16.67	16.71	17.20
15	64QAM	75	0	16.62	16.72	16.64	17.20
15	256QAM	1	0	16.68	16.77	16.70	17.20
15	256QAM	1	37	16.59	16.74	16.56	17.20
15	256QAM	1	74	16.62	16.65	16.46	17.20
15	256QAM	36	0	16.68	16.66	16.64	17.20
15	256QAM	36	20	16.66	16.69	16.51	17.20
15	256QAM	36	39	16.67	16.69	16.56	17.20
15	256QAM	75	0	16.67	16.61	16.63	17.20
Channel				132022	132322	132622	Tune-up limit



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Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.78	16.79	16.71	17.20
10	QPSK	1	25	16.58	16.66	16.72	17.20
10	QPSK	1	49	16.64	16.67	16.50	17.20
10	QPSK	25	0	16.68	16.63	16.55	17.20
10	QPSK	25	12	16.66	16.71	16.51	17.20
10	QPSK	25	25	16.67	16.69	16.49	17.20
10	QPSK	50	0	16.64	16.69	16.55	17.20
10	16QAM	1	0	16.69	16.71	16.50	17.20
10	16QAM	1	25	16.68	16.74	16.50	17.20
10	16QAM	1	49	16.62	16.59	16.64	17.20
10	16QAM	25	0	16.70	16.75	16.48	17.20
10	16QAM	25	12	16.71	16.77	16.53	17.20
10	16QAM	25	25	16.66	16.69	16.49	17.20
10	16QAM	50	0	16.71	16.65	16.53	17.20
10	64QAM	1	0	16.60	16.63	16.64	17.20
10	64QAM	1	25	16.58	16.67	16.53	17.20
10	64QAM	1	49	16.65	16.73	16.56	17.20
10	64QAM	25	0	16.63	16.69	16.57	17.20
10	64QAM	25	12	16.63	16.76	16.56	17.20
10	64QAM	25	25	16.75	16.65	16.69	17.20
10	64QAM	50	0	16.64	16.65	16.67	17.20
10	256QAM	1	0	16.67	16.65	16.56	17.20
10	256QAM	1	25	16.67	16.69	16.61	17.20
10	256QAM	1	49	16.67	16.75	16.56	17.20
10	256QAM	25	0	16.72	16.75	16.60	17.20
10	256QAM	25	12	16.68	16.73	16.57	17.20
10	256QAM	25	25	16.71	16.70	16.61	17.20
10	256QAM	50	0	16.64	16.70	16.58	17.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.78	16.80	16.64	17.20
5	QPSK	1	12	16.64	16.61	16.64	17.20
5	QPSK	1	24	16.71	16.61	16.54	17.20
5	QPSK	12	0	16.58	16.67	16.62	17.20
5	QPSK	12	7	16.66	16.63	16.57	17.20
5	QPSK	12	13	16.69	16.62	16.51	17.20
5	QPSK	25	0	16.57	16.73	16.49	17.20
5	16QAM	1	0	16.72	16.74	16.51	17.20
5	16QAM	1	12	16.68	16.74	16.52	17.20
5	16QAM	1	24	16.60	16.68	16.60	17.20
5	16QAM	12	0	16.73	16.70	16.50	17.20
5	16QAM	12	7	16.68	16.63	16.57	17.20
5	16QAM	12	13	16.62	16.61	16.57	17.20
5	16QAM	25	0	16.67	16.66	16.55	17.20
5	64QAM	1	0	16.65	16.69	16.60	17.20
5	64QAM	1	12	16.69	16.66	16.55	17.20
5	64QAM	1	24	16.67	16.67	16.57	17.20
5	64QAM	12	0	16.57	16.70	16.60	17.20
5	64QAM	12	7	16.67	16.78	16.52	17.20
5	64QAM	12	13	16.65	16.73	16.58	17.20
5	64QAM	25	0	16.73	16.65	16.63	17.20
5	256QAM	1	0	16.73	16.72	16.56	17.20
5	256QAM	1	12	16.69	16.62	16.55	17.20
5	256QAM	1	24	16.64	16.64	16.45	17.20
5	256QAM	12	0	16.70	16.67	16.56	17.20
5	256QAM	12	7	16.68	16.71	16.54	17.20
5	256QAM	12	13	16.66	16.65	16.61	17.20
5	256QAM	25	0	16.66	16.73	16.56	17.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.69	16.79	16.67	17.20
3	QPSK	1	8	16.68	16.60	16.68	17.20
3	QPSK	1	14	16.67	16.69	16.52	17.20
3	QPSK	8	0	16.69	16.65	16.60	17.20
3	QPSK	8	4	16.62	16.64	16.58	17.20
3	QPSK	8	7	16.59	16.69	16.45	17.20
3	QPSK	15	0	16.57	16.62	16.62	17.20
3	16QAM	1	0	16.65	16.63	16.46	17.20
3	16QAM	1	8	16.58	16.63	16.55	17.20
3	16QAM	1	14	16.58	16.60	16.64	17.20
3	16QAM	8	0	16.70	16.78	16.56	17.20
3	16QAM	8	4	16.63	16.69	16.55	17.20
3	16QAM	8	7	16.57	16.71	16.49	17.20
3	16QAM	15	0	16.72	16.74	16.48	17.20
3	64QAM	1	0	16.62	16.64	16.60	17.20
3	64QAM	1	8	16.55	16.62	16.46	17.20
3	64QAM	1	14	16.69	16.70	16.45	17.20

3	64QAM	8	0	16.68	16.61	16.60	17.20
3	64QAM	8	4	16.74	16.70	16.54	17.20
3	64QAM	8	7	16.73	16.67	16.58	17.20
3	64QAM	15	0	16.73	16.73	16.65	17.20
3	256QAM	1	0	16.78	16.71	16.62	17.20
3	256QAM	1	8	16.71	16.69	16.56	17.20
3	256QAM	1	14	16.61	16.73	16.47	17.20
3	256QAM	8	0	16.76	16.75	16.65	17.20
3	256QAM	8	4	16.61	16.71	16.59	17.20
3	256QAM	8	7	16.61	16.63	16.61	17.20
3	256QAM	15	0	16.63	16.63	16.52	17.20
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.79	16.76	16.71	17.20
1.4	QPSK	1	3	16.60	16.64	16.70	17.20
1.4	QPSK	1	5	16.65	16.67	16.61	17.20
1.4	QPSK	3	0	16.59	16.72	16.55	17.20
1.4	QPSK	3	1	16.61	16.65	16.50	17.20
1.4	QPSK	3	3	16.62	16.61	16.41	17.20
1.4	QPSK	6	0	16.54	16.66	16.59	17.20
1.4	16QAM	1	0	16.69	16.66	16.44	17.20
1.4	16QAM	1	3	16.62	16.74	16.50	17.20
1.4	16QAM	1	5	16.58	16.67	16.61	17.20
1.4	16QAM	3	0	16.68	16.67	16.48	17.20
1.4	16QAM	3	1	16.68	16.64	16.57	17.20
1.4	16QAM	3	3	16.56	16.67	16.56	17.20
1.4	16QAM	6	0	16.69	16.76	16.48	17.20
1.4	64QAM	1	0	16.63	16.69	16.67	17.20
1.4	64QAM	1	3	16.58	16.62	16.48	17.20
1.4	64QAM	1	5	16.65	16.65	16.48	17.20
1.4	64QAM	3	0	16.63	16.71	16.60	17.20
1.4	64QAM	3	1	16.63	16.77	16.61	17.20
1.4	64QAM	3	3	16.76	16.68	16.57	17.20
1.4	64QAM	6	0	16.73	16.63	16.59	17.20
1.4	256QAM	1	0	16.76	16.79	16.69	17.20
1.4	256QAM	1	3	16.64	16.70	16.60	17.20
1.4	256QAM	1	5	16.74	16.74	16.55	17.20
1.4	256QAM	3	0	16.78	16.74	16.64	17.20
1.4	256QAM	3	1	16.70	16.61	16.57	17.20
1.4	256QAM	3	3	16.64	16.64	16.56	17.20
1.4	256QAM	6	0	16.73	16.65	16.62	17.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.42	15.45	15.31	15.70
20	QPSK	1	49	15.37	15.40	15.26	15.70
20	QPSK	1	99	15.26	15.29	15.15	15.70
20	QPSK	50	0	15.37	15.43	15.26	15.70
20	QPSK	50	24	15.40	15.40	15.29	15.70
20	QPSK	50	50	15.33	15.36	15.22	15.70
20	QPSK	100	0	15.32	15.35	15.21	15.70
20	16QAM	1	0	15.39	15.42	15.28	15.70
20	16QAM	1	49	15.37	15.40	15.26	15.70
20	16QAM	1	99	15.37	15.40	15.26	15.70
20	16QAM	50	0	15.39	15.42	15.28	15.70
20	16QAM	50	24	15.40	15.43	15.29	15.70
20	16QAM	50	50	15.32	15.35	15.21	15.70
20	16QAM	100	0	15.37	15.40	15.26	15.70
20	64QAM	1	0	15.39	15.42	15.28	15.70
20	64QAM	1	49	15.36	15.39	15.25	15.70
20	64QAM	1	99	15.20	15.23	15.09	15.70
20	64QAM	50	0	15.35	15.38	15.24	15.70
20	64QAM	50	24	15.37	15.40	15.26	15.70
20	64QAM	50	50	15.29	15.32	15.18	15.70
20	64QAM	100	0	15.27	15.30	15.16	15.70
20	256QAM	1	0	15.39	15.42	15.28	15.70
20	256QAM	1	49	15.37	15.40	15.26	15.70
20	256QAM	1	99	15.40	15.43	15.29	15.70
20	256QAM	50	0	15.38	15.41	15.27	15.70
20	256QAM	50	24	15.39	15.42	15.28	15.70
20	256QAM	50	50	15.37	15.40	15.26	15.70
20	256QAM	100	0	15.37	15.40	15.24	15.70
Channel				132047	132322	132597	Tune-up limit



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Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	15.33	15.33	15.20	15.70
15	QPSK	1	37	15.25	15.34	15.16	15.70
15	QPSK	1	74	15.15	15.20	15.03	15.70
15	QPSK	36	0	15.35	15.36	15.12	15.70
15	QPSK	36	20	15.26	15.30	15.19	15.70
15	QPSK	36	39	15.29	15.22	15.19	15.70
15	QPSK	75	0	15.24	15.27	15.18	15.70
15	16QAM	1	0	15.29	15.28	15.19	15.70
15	16QAM	1	37	15.29	15.38	15.24	15.70
15	16QAM	1	74	15.25	15.26	15.20	15.70
15	16QAM	36	0	15.36	15.37	15.17	15.70
15	16QAM	36	20	15.30	15.32	15.16	15.70
15	16QAM	36	39	15.27	15.22	15.13	15.70
15	16QAM	75	0	15.34	15.37	15.11	15.70
15	64QAM	1	0	15.26	15.39	15.18	15.70
15	64QAM	1	37	15.26	15.32	15.12	15.70
15	64QAM	1	74	15.16	15.10	15.04	15.70
15	64QAM	36	0	15.32	15.28	15.21	15.70
15	64QAM	36	20	15.35	15.34	15.13	15.70
15	64QAM	36	39	15.16	15.29	15.10	15.70
15	64QAM	75	0	15.12	15.24	15.06	15.70
15	256QAM	1	0	15.29	15.29	15.15	15.70
15	256QAM	1	37	15.36	15.29	15.15	15.70
15	256QAM	1	74	15.27	15.39	15.22	15.70
15	256QAM	36	0	15.30	15.27	15.15	15.70
15	256QAM	36	20	15.28	15.30	15.13	15.70
15	256QAM	36	39	15.35	15.27	15.17	15.70
15	256QAM	75	0	15.33	15.29	15.18	15.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	15.31	15.44	15.25	15.70
10	QPSK	1	25	15.33	15.30	15.14	15.70
10	QPSK	1	49	15.18	15.23	15.12	15.70
10	QPSK	25	0	15.24	15.35	15.16	15.70
10	QPSK	25	12	15.29	15.31	15.22	15.70
10	QPSK	25	25	15.22	15.30	15.13	15.70
10	QPSK	50	0	15.22	15.31	15.15	15.70
10	16QAM	1	0	15.32	15.37	15.24	15.70
10	16QAM	1	25	15.35	15.30	15.12	15.70
10	16QAM	1	49	15.24	15.38	15.25	15.70
10	16QAM	25	0	15.33	15.31	15.25	15.70
10	16QAM	25	12	15.33	15.41	15.21	15.70
10	16QAM	25	25	15.18	15.27	15.09	15.70
10	16QAM	50	0	15.34	15.34	15.20	15.70
10	64QAM	1	0	15.25	15.39	15.14	15.70
10	64QAM	1	25	15.24	15.30	15.15	15.70
10	64QAM	1	49	15.05	15.20	15.06	15.70
10	64QAM	25	0	15.23	15.35	15.21	15.70
10	64QAM	25	12	15.23	15.26	15.13	15.70
10	64QAM	25	25	15.21	15.24	15.08	15.70
10	64QAM	50	0	15.18	15.27	15.09	15.70
10	256QAM	1	0	15.36	15.28	15.14	15.70
10	256QAM	1	25	15.36	15.32	15.20	15.70
10	256QAM	1	49	15.29	15.41	15.28	15.70
10	256QAM	25	0	15.36	15.33	15.14	15.70
10	256QAM	25	12	15.36	15.36	15.13	15.70
10	256QAM	25	25	15.34	15.26	15.24	15.70
10	256QAM	50	0	15.29	15.28	15.21	15.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	15.31	15.42	15.19	15.70
5	QPSK	1	12	15.26	15.36	15.12	15.70
5	QPSK	1	24	15.21	15.16	15.09	15.70
5	QPSK	12	0	15.29	15.32	15.22	15.70
5	QPSK	12	7	15.29	15.29	15.26	15.70
5	QPSK	12	13	15.31	15.30	15.10	15.70
5	QPSK	25	0	15.19	15.28	15.06	15.70
5	16QAM	1	0	15.35	15.38	15.25	15.70
5	16QAM	1	12	15.33	15.33	15.15	15.70
5	16QAM	1	24	15.27	15.30	15.17	15.70
5	16QAM	12	0	15.32	15.29	15.17	15.70
5	16QAM	12	7	15.32	15.33	15.22	15.70
5	16QAM	12	13	15.31	15.21	15.09	15.70
5	16QAM	25	0	15.24	15.35	15.20	15.70
5	64QAM	1	0	15.31	15.29	15.24	15.70
5	64QAM	1	12	15.24	15.32	15.19	15.70
5	64QAM	1	24	15.15	15.14	14.98	15.70

5	64QAM	12	0	15.23	15.33	15.12	15.70
5	64QAM	12	7	15.31	15.31	15.15	15.70
5	64QAM	12	13	15.16	15.29	15.12	15.70
5	64QAM	25	0	15.20	15.26	15.12	15.70
5	256QAM	1	0	15.37	15.30	15.18	15.70
5	256QAM	1	12	15.24	15.35	15.18	15.70
5	256QAM	1	24	15.30	15.28	15.26	15.70
5	256QAM	12	0	15.33	15.38	15.13	15.70
5	256QAM	12	7	15.36	15.29	15.25	15.70
5	256QAM	12	13	15.22	15.37	15.22	15.70
5	256QAM	25	0	15.25	15.33	15.22	15.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	15.30	15.37	15.30	15.70
3	QPSK	1	8	15.25	15.36	15.24	15.70
3	QPSK	1	14	15.15	15.16	15.05	15.70
3	QPSK	8	0	15.27	15.36	15.22	15.70
3	QPSK	8	4	15.38	15.35	15.19	15.70
3	QPSK	8	7	15.22	15.23	15.13	15.70
3	QPSK	15	0	15.23	15.26	15.15	15.70
3	16QAM	1	0	15.36	15.34	15.18	15.70
3	16QAM	1	8	15.25	15.32	15.11	15.70
3	16QAM	1	14	15.32	15.38	15.25	15.70
3	16QAM	8	0	15.37	15.38	15.16	15.70
3	16QAM	8	4	15.33	15.29	15.20	15.70
3	16QAM	8	7	15.30	15.20	15.14	15.70
3	16QAM	15	0	15.27	15.29	15.11	15.70
3	64QAM	1	0	15.31	15.29	15.16	15.70
3	64QAM	1	8	15.23	15.33	15.15	15.70
3	64QAM	1	14	15.10	15.08	15.08	15.70
3	64QAM	8	0	15.28	15.27	15.11	15.70
3	64QAM	8	4	15.30	15.26	15.18	15.70
3	64QAM	8	7	15.27	15.24	15.14	15.70
3	64QAM	15	0	15.21	15.22	15.03	15.70
3	256QAM	1	0	15.30	15.30	15.26	15.70
3	256QAM	1	8	15.25	15.38	15.20	15.70
3	256QAM	1	14	15.28	15.37	15.23	15.70
3	256QAM	8	0	15.33	15.39	15.13	15.70
3	256QAM	8	4	15.27	15.40	15.25	15.70
3	256QAM	8	7	15.35	15.35	15.13	15.70
3	256QAM	15	0	15.24	15.28	15.13	15.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	15.31	15.34	15.19	15.70
1.4	QPSK	1	3	15.29	15.31	15.22	15.70
1.4	QPSK	1	5	15.11	15.15	15.04	15.70
1.4	QPSK	3	0	15.30	15.34	15.14	15.70
1.4	QPSK	3	1	15.34	15.39	15.19	15.70
1.4	QPSK	3	3	15.28	15.24	15.11	15.70
1.4	QPSK	6	0	15.31	15.31	15.06	15.70
1.4	16QAM	1	0	15.33	15.30	15.19	15.70
1.4	16QAM	1	3	15.33	15.31	15.21	15.70
1.4	16QAM	1	5	15.26	15.29	15.14	15.70
1.4	16QAM	3	0	15.38	15.36	15.27	15.70
1.4	16QAM	3	1	15.35	15.29	15.22	15.70
1.4	16QAM	3	3	15.25	15.34	15.19	15.70
1.4	16QAM	6	0	15.24	15.35	15.23	15.70
1.4	64QAM	1	0	15.26	15.39	15.14	15.70
1.4	64QAM	1	3	15.23	15.35	15.13	15.70
1.4	64QAM	1	5	15.11	15.09	15.00	15.70
1.4	64QAM	3	0	15.34	15.24	15.10	15.70
1.4	64QAM	3	1	15.25	15.39	15.12	15.70
1.4	64QAM	3	3	15.17	15.18	15.05	15.70
1.4	64QAM	6	0	15.18	15.15	15.08	15.70
1.4	256QAM	1	0	15.26	15.36	15.14	15.70
1.4	256QAM	1	3	15.32	15.27	15.16	15.70
1.4	256QAM	1	5	15.27	15.36	15.22	15.70
1.4	256QAM	3	0	15.35	15.31	15.14	15.70
1.4	256QAM	3	1	15.26	15.32	15.25	15.70
1.4	256QAM	3	3	15.35	15.27	15.13	15.70
1.4	256QAM	6	0	15.32	15.29	15.17	15.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.98	17.99	17.82	18.00
20	QPSK	1	49	17.96	17.97	17.81	18.00
20	QPSK	1	99	17.81	17.88	17.68	18.00
20	QPSK	50	0	17.92	17.94	17.76	18.00
20	QPSK	50	24	17.87	17.90	17.74	18.00
20	QPSK	50	50	17.82	17.88	17.71	18.00
20	QPSK	100	0	17.89	17.91	17.73	18.00
20	16QAM	1	0	17.92	17.92	17.71	18.00
20	16QAM	1	49	17.85	17.93	17.76	18.00
20	16QAM	1	99	17.85	17.90	17.69	18.00
20	16QAM	50	0	17.93	17.96	17.70	18.00
20	16QAM	50	24	17.90	17.95	17.70	18.00
20	16QAM	50	50	17.83	17.91	17.68	18.00
20	16QAM	100	0	17.91	17.96	17.77	18.00
20	64QAM	1	0	17.85	17.92	17.67	18.00
20	64QAM	1	49	17.83	17.92	17.67	18.00
20	64QAM	1	99	17.89	17.95	17.70	18.00
20	64QAM	50	0	17.84	17.91	17.74	18.00
20	64QAM	50	24	17.89	17.96	17.80	18.00
20	64QAM	50	50	17.90	17.93	17.77	18.00
20	64QAM	100	0	17.89	17.95	17.79	18.00
20	256QAM	1	0	17.92	17.97	17.77	18.00
20	256QAM	1	49	17.85	17.93	17.67	18.00
20	256QAM	1	99	17.88	17.94	17.77	18.00
20	256QAM	50	0	17.94	17.97	17.71	18.00
20	256QAM	50	24	17.85	17.93	17.71	18.00
20	256QAM	50	50	17.85	17.94	17.73	18.00
20	256QAM	100	0	17.88	17.92	17.72	18.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.94	17.88	17.73	18.00
15	QPSK	1	37	17.85	17.84	17.77	18.00
15	QPSK	1	74	17.74	17.79	17.67	18.00
15	QPSK	36	0	17.79	17.91	17.71	18.00
15	QPSK	36	20	17.78	17.88	17.69	18.00
15	QPSK	36	39	17.67	17.83	17.69	18.00
15	QPSK	75	0	17.80	17.78	17.71	18.00
15	16QAM	1	0	17.79	17.81	17.65	18.00
15	16QAM	1	37	17.72	17.89	17.69	18.00
15	16QAM	1	74	17.70	17.76	17.67	18.00
15	16QAM	36	0	17.84	17.83	17.56	18.00
15	16QAM	36	20	17.88	17.81	17.58	18.00
15	16QAM	36	39	17.71	17.84	17.62	18.00
15	16QAM	75	0	17.89	17.95	17.69	18.00
15	64QAM	1	0	17.80	17.81	17.60	18.00
15	64QAM	1	37	17.79	17.84	17.65	18.00
15	64QAM	1	74	17.84	17.94	17.68	18.00
15	64QAM	36	0	17.77	17.82	17.65	18.00
15	64QAM	36	20	17.82	17.83	17.67	18.00
15	64QAM	36	39	17.83	17.84	17.67	18.00
15	64QAM	75	0	17.79	17.84	17.74	18.00
15	256QAM	1	0	17.91	17.90	17.67	18.00
15	256QAM	1	37	17.82	17.92	17.61	18.00
15	256QAM	1	74	17.74	17.92	17.68	18.00
15	256QAM	36	0	17.82	17.86	17.63	18.00
15	256QAM	36	20	17.76	17.87	17.67	18.00
15	256QAM	36	39	17.75	17.86	17.63	18.00
15	256QAM	75	0	17.83	17.83	17.66	18.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.93	17.90	17.80	18.00
10	QPSK	1	25	17.81	17.84	17.79	18.00
10	QPSK	1	49	17.76	17.76	17.55	18.00
10	QPSK	25	0	17.81	17.81	17.61	18.00
10	QPSK	25	12	17.86	17.86	17.69	18.00
10	QPSK	25	25	17.73	17.81	17.63	18.00
10	QPSK	50	0	17.86	17.86	17.67	18.00
10	16QAM	1	0	17.89	17.88	17.61	18.00
10	16QAM	1	25	17.82	17.91	17.63	18.00
10	16QAM	1	49	17.73	17.86	17.65	18.00
10	16QAM	25	0	17.87	17.82	17.58	18.00



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10	16QAM	25	12	17.77	17.94	17.60	18.00
10	16QAM	25	25	17.79	17.83	17.64	18.00
10	16QAM	50	0	17.89	17.83	17.75	18.00
10	64QAM	1	0	17.77	17.90	17.52	18.00
10	64QAM	1	25	17.81	17.83	17.64	18.00
10	64QAM	1	49	17.82	17.81	17.56	18.00
10	64QAM	25	0	17.80	17.84	17.67	18.00
10	64QAM	25	12	17.84	17.91	17.72	18.00
10	64QAM	25	25	17.82	17.91	17.75	18.00
10	64QAM	50	0	17.87	17.90	17.73	18.00
10	256QAM	1	0	17.86	17.91	17.69	18.00
10	256QAM	1	25	17.74	17.88	17.64	18.00
10	256QAM	1	49	17.77	17.80	17.74	18.00
10	256QAM	25	0	17.93	17.95	17.60	18.00
10	256QAM	25	12	17.79	17.86	17.64	18.00
10	256QAM	25	25	17.77	17.81	17.63	18.00
10	256QAM	50	0	17.86	17.85	17.63	18.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.85	17.96	17.79	18.00
5	QPSK	1	12	17.89	17.90	17.68	18.00
5	QPSK	1	24	17.70	17.86	17.58	18.00
5	QPSK	12	0	17.83	17.90	17.67	18.00
5	QPSK	12	7	17.75	17.77	17.69	18.00
5	QPSK	12	13	17.76	17.80	17.64	18.00
5	QPSK	25	0	17.79	17.76	17.63	18.00
5	16QAM	1	0	17.83	17.86	17.57	18.00
5	16QAM	1	12	17.77	17.89	17.66	18.00
5	16QAM	1	24	17.74	17.83	17.59	18.00
5	16QAM	12	0	17.87	17.86	17.64	18.00
5	16QAM	12	7	17.79	17.87	17.65	18.00
5	16QAM	12	13	17.69	17.87	17.67	18.00
5	16QAM	25	0	17.87	17.95	17.72	18.00
5	64QAM	1	0	17.74	17.77	17.55	18.00
5	64QAM	1	12	17.77	17.90	17.53	18.00
5	64QAM	1	24	17.75	17.93	17.66	18.00
5	64QAM	12	0	17.71	17.78	17.69	18.00
5	64QAM	12	7	17.82	17.86	17.70	18.00
5	64QAM	12	13	17.89	17.82	17.65	18.00
5	64QAM	25	0	17.88	17.92	17.77	18.00
5	256QAM	1	0	17.88	17.85	17.64	18.00
5	256QAM	1	12	17.77	17.86	17.65	18.00
5	256QAM	1	24	17.86	17.83	17.70	18.00
5	256QAM	12	0	17.80	17.86	17.69	18.00
5	256QAM	12	7	17.79	17.80	17.60	18.00
5	256QAM	12	13	17.81	17.91	17.64	18.00
5	256QAM	25	0	17.86	17.79	17.65	18.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.97	17.95	17.68	18.00
3	QPSK	1	8	17.86	17.84	17.78	18.00
3	QPSK	1	14	17.69	17.85	17.55	18.00
3	QPSK	8	0	17.87	17.90	17.66	18.00
3	QPSK	8	4	17.75	17.84	17.65	18.00
3	QPSK	8	7	17.69	17.74	17.62	18.00
3	QPSK	15	0	17.75	17.81	17.61	18.00
3	16QAM	1	0	17.86	17.88	17.57	18.00
3	16QAM	1	8	17.79	17.80	17.72	18.00
3	16QAM	1	14	17.83	17.77	17.58	18.00
3	16QAM	8	0	17.89	17.93	17.63	18.00
3	16QAM	8	4	17.86	17.88	17.68	18.00
3	16QAM	8	7	17.73	17.86	17.61	18.00
3	16QAM	15	0	17.89	17.87	17.63	18.00
3	64QAM	1	0	17.82	17.90	17.56	18.00
3	64QAM	1	8	17.72	17.85	17.63	18.00
3	64QAM	1	14	17.87	17.91	17.63	18.00
3	64QAM	8	0	17.75	17.81	17.69	18.00
3	64QAM	8	4	17.80	17.95	17.70	18.00
3	64QAM	8	7	17.87	17.84	17.68	18.00
3	64QAM	15	0	17.77	17.82	17.72	18.00
3	256QAM	1	0	17.89	17.83	17.65	18.00
3	256QAM	1	8	17.81	17.80	17.57	18.00
3	256QAM	1	14	17.76	17.79	17.62	18.00
3	256QAM	8	0	17.83	17.85	17.69	18.00
3	256QAM	8	4	17.76	17.87	17.58	18.00
3	256QAM	8	7	17.72	17.83	17.67	18.00
3	256QAM	15	0	17.79	17.79	17.65	18.00
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.84	17.96	17.76	18.00
1.4	QPSK	1	3	17.82	17.94	17.74	18.00
1.4	QPSK	1	5	17.80	17.87	17.58	18.00
1.4	QPSK	3	0	17.90	17.90	17.61	18.00
1.4	QPSK	3	1	17.85	17.84	17.61	18.00
1.4	QPSK	3	3	17.68	17.85	17.64	18.00
1.4	QPSK	6	0	17.82	17.81	17.61	18.00
1.4	16QAM	1	0	17.84	17.78	17.61	18.00
1.4	16QAM	1	3	17.79	17.80	17.74	18.00
1.4	16QAM	1	5	17.78	17.85	17.64	18.00
1.4	16QAM	3	0	17.85	17.94	17.56	18.00
1.4	16QAM	3	1	17.78	17.93	17.68	18.00
1.4	16QAM	3	3	17.71	17.90	17.62	18.00
1.4	16QAM	6	0	17.77	17.81	17.72	18.00
1.4	64QAM	1	0	17.84	17.89	17.59	18.00
1.4	64QAM	1	3	17.72	17.78	17.54	18.00
1.4	64QAM	1	5	17.87	17.86	17.57	18.00
1.4	64QAM	3	0	17.69	17.76	17.63	18.00
1.4	64QAM	3	1	17.82	17.81	17.69	18.00
1.4	64QAM	3	3	17.84	17.86	17.68	18.00
1.4	64QAM	6	0	17.82	17.85	17.78	18.00
1.4	256QAM	1	0	17.78	17.85	17.63	18.00
1.4	256QAM	1	3	17.78	17.84	17.62	18.00
1.4	256QAM	1	5	17.86	17.84	17.76	18.00
1.4	256QAM	3	0	17.92	17.89	17.63	18.00
1.4	256QAM	3	1	17.79	17.89	17.57	18.00
1.4	256QAM	3	3	17.84	17.88	17.68	18.00
1.4	256QAM	6	0	17.76	17.83	17.68	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.98	17.99	17.82	18.00
20	QPSK	1	49	17.96	17.97	17.81	18.00
20	QPSK	1	99	17.81	17.88	17.68	18.00
20	QPSK	50	0	17.92	17.94	17.76	18.00
20	QPSK	50	24	17.87	17.90	17.74	18.00
20	QPSK	50	50	17.82	17.88	17.71	18.00
20	QPSK	100	0	17.89	17.91	17.73	18.00
20	16QAM	1	0	17.92	17.92	17.71	18.00
20	16QAM	1	49	17.85	17.93	17.76	18.00
20	16QAM	1	99	17.85	17.90	17.69	18.00
20	16QAM	50	0	17.93	17.96	17.70	18.00
20	16QAM	50	24	17.90	17.95	17.70	18.00
20	16QAM	50	50	17.83	17.91	17.68	18.00
20	16QAM	100	0	17.91	17.96	17.77	18.00
20	64QAM	1	0	17.85	17.92	17.67	18.00
20	64QAM	1	49	17.83	17.92	17.67	18.00
20	64QAM	1	99	17.89	17.95	17.70	18.00
20	64QAM	50	0	17.84	17.91	17.74	18.00
20	64QAM	50	24	17.89	17.96	17.80	18.00
20	64QAM	50	50	17.90	17.93	17.77	18.00
20	64QAM	100	0	17.89	17.95	17.79	18.00
20	256QAM	1	0	17.92	17.97	17.77	18.00
20	256QAM	1	49	17.85	17.93	17.67	18.00
20	256QAM	1	99	17.88	17.94	17.77	18.00
20	256QAM	50	0	17.94	17.97	17.71	18.00
20	256QAM	50	24	17.85	17.93	17.71	18.00
20	256QAM	50	50	17.85	17.94	17.73	18.00
20	256QAM	100	0	17.88	17.92	17.72	18.00
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.94	17.88	17.73	18.00
15	QPSK	1	37	17.85	17.84	17.77	18.00
15	QPSK	1	74	17.74	17.79	17.67	18.00
15	QPSK	36	0	17.79	17.91	17.71	18.00
15	QPSK	36	20	17.78	17.88	17.69	18.00
15	QPSK	36	39	17.67	17.83	17.69	18.00
15	QPSK	75	0	17.80	17.78	17.71	18.00
15	16QAM	1	0	17.79	17.81	17.65	18.00
15	16QAM	1	37	17.72	17.89	17.69	18.00
15	16QAM	1	74	17.70	17.76	17.67	18.00
15	16QAM	36	0	17.84	17.83	17.56	18.00



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15	16QAM	36	20	17.88	17.81	17.58	18.00
15	16QAM	36	39	17.71	17.84	17.62	18.00
15	16QAM	75	0	17.89	17.95	17.69	18.00
15	64QAM	1	0	17.80	17.81	17.60	18.00
15	64QAM	1	37	17.79	17.84	17.65	18.00
15	64QAM	1	74	17.84	17.94	17.68	18.00
15	64QAM	36	0	17.77	17.82	17.65	18.00
15	64QAM	36	20	17.82	17.83	17.67	18.00
15	64QAM	36	39	17.83	17.84	17.67	18.00
15	64QAM	75	0	17.79	17.84	17.74	18.00
15	256QAM	1	0	17.91	17.90	17.67	18.00
15	256QAM	1	37	17.82	17.92	17.61	18.00
15	256QAM	1	74	17.74	17.92	17.68	18.00
15	256QAM	36	0	17.82	17.86	17.63	18.00
15	256QAM	36	20	17.76	17.87	17.67	18.00
15	256QAM	36	39	17.75	17.86	17.63	18.00
15	256QAM	75	0	17.83	17.83	17.66	18.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.93	17.90	17.80	18.00
10	QPSK	1	25	17.81	17.84	17.79	18.00
10	QPSK	1	49	17.76	17.76	17.55	18.00
10	QPSK	25	0	17.81	17.81	17.61	18.00
10	QPSK	25	12	17.86	17.86	17.69	18.00
10	QPSK	25	25	17.73	17.81	17.63	18.00
10	QPSK	50	0	17.86	17.86	17.67	18.00
10	16QAM	1	0	17.89	17.88	17.61	18.00
10	16QAM	1	25	17.82	17.91	17.63	18.00
10	16QAM	1	49	17.73	17.86	17.65	18.00
10	16QAM	25	0	17.87	17.82	17.58	18.00
10	16QAM	25	12	17.77	17.94	17.60	18.00
10	16QAM	25	25	17.79	17.83	17.64	18.00
10	16QAM	50	0	17.89	17.83	17.75	18.00
10	64QAM	1	0	17.77	17.90	17.52	18.00
10	64QAM	1	25	17.81	17.83	17.64	18.00
10	64QAM	1	49	17.82	17.81	17.56	18.00
10	64QAM	25	0	17.80	17.84	17.67	18.00
10	64QAM	25	12	17.84	17.91	17.72	18.00
10	64QAM	25	25	17.82	17.91	17.75	18.00
10	64QAM	50	0	17.87	17.90	17.73	18.00
10	256QAM	1	0	17.86	17.91	17.69	18.00
10	256QAM	1	25	17.74	17.88	17.64	18.00
10	256QAM	1	49	17.77	17.80	17.74	18.00
10	256QAM	25	0	17.93	17.95	17.60	18.00
10	256QAM	25	12	17.79	17.86	17.64	18.00
10	256QAM	25	25	17.77	17.81	17.63	18.00
10	256QAM	50	0	17.86	17.85	17.63	18.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.85	17.96	17.79	18.00
5	QPSK	1	12	17.89	17.90	17.68	18.00
5	QPSK	1	24	17.70	17.86	17.58	18.00
5	QPSK	12	0	17.83	17.90	17.67	18.00
5	QPSK	12	7	17.75	17.77	17.69	18.00
5	QPSK	12	13	17.76	17.80	17.64	18.00
5	QPSK	25	0	17.79	17.76	17.63	18.00
5	16QAM	1	0	17.83	17.86	17.57	18.00
5	16QAM	1	12	17.77	17.89	17.66	18.00
5	16QAM	1	24	17.74	17.83	17.59	18.00
5	16QAM	12	0	17.87	17.86	17.64	18.00
5	16QAM	12	7	17.79	17.87	17.65	18.00
5	16QAM	12	13	17.69	17.87	17.67	18.00
5	16QAM	25	0	17.87	17.95	17.72	18.00
5	64QAM	1	0	17.74	17.77	17.55	18.00
5	64QAM	1	12	17.77	17.90	17.53	18.00
5	64QAM	1	24	17.75	17.93	17.66	18.00
5	64QAM	12	0	17.71	17.78	17.69	18.00
5	64QAM	12	7	17.82	17.86	17.70	18.00
5	64QAM	12	13	17.89	17.82	17.65	18.00
5	64QAM	25	0	17.88	17.92	17.77	18.00
5	256QAM	1	0	17.88	17.85	17.64	18.00
5	256QAM	1	12	17.77	17.86	17.65	18.00
5	256QAM	1	24	17.86	17.83	17.70	18.00
5	256QAM	12	0	17.80	17.86	17.69	18.00
5	256QAM	12	7	17.79	17.80	17.60	18.00
5	256QAM	12	13	17.81	17.91	17.64	18.00
5	256QAM	25	0	17.86	17.79	17.65	18.00
Channel				131987	132322	132657	Tune-up limit

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.97	17.95	17.68	18.00
3	QPSK	1	8	17.86	17.84	17.78	18.00
3	QPSK	1	14	17.69	17.85	17.55	18.00
3	QPSK	8	0	17.87	17.90	17.66	18.00
3	QPSK	8	4	17.75	17.84	17.65	18.00
3	QPSK	8	7	17.69	17.74	17.62	18.00
3	QPSK	15	0	17.75	17.81	17.61	18.00
3	16QAM	1	0	17.86	17.88	17.57	18.00
3	16QAM	1	8	17.79	17.80	17.72	18.00
3	16QAM	1	14	17.83	17.77	17.58	18.00
3	16QAM	8	0	17.89	17.93	17.63	18.00
3	16QAM	8	4	17.86	17.88	17.68	18.00
3	16QAM	8	7	17.73	17.86	17.61	18.00
3	16QAM	15	0	17.89	17.87	17.63	18.00
3	64QAM	1	0	17.82	17.90	17.56	18.00
3	64QAM	1	8	17.72	17.85	17.63	18.00
3	64QAM	1	14	17.87	17.91	17.63	18.00
3	64QAM	8	0	17.75	17.81	17.69	18.00
3	64QAM	8	4	17.80	17.95	17.70	18.00
3	64QAM	8	7	17.87	17.84	17.68	18.00
3	64QAM	15	0	17.77	17.82	17.72	18.00
3	256QAM	1	0	17.89	17.83	17.65	18.00
3	256QAM	1	8	17.81	17.80	17.57	18.00
3	256QAM	1	14	17.76	17.79	17.62	18.00
3	256QAM	8	0	17.83	17.85	17.69	18.00
3	256QAM	8	4	17.76	17.87	17.58	18.00
3	256QAM	8	7	17.72	17.83	17.67	18.00
3	256QAM	15	0	17.79	17.79	17.65	18.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.84	17.96	17.76	18.00
1.4	QPSK	1	3	17.82	17.94	17.74	18.00
1.4	QPSK	1	5	17.80	17.87	17.58	18.00
1.4	QPSK	3	0	17.90	17.90	17.61	18.00
1.4	QPSK	3	1	17.85	17.84	17.61	18.00
1.4	QPSK	3	3	17.68	17.85	17.64	18.00
1.4	QPSK	6	0	17.82	17.81	17.61	18.00
1.4	16QAM	1	0	17.84	17.78	17.61	18.00
1.4	16QAM	1	3	17.79	17.80	17.74	18.00
1.4	16QAM	1	5	17.78	17.85	17.64	18.00
1.4	16QAM	3	0	17.85	17.94	17.56	18.00
1.4	16QAM	3	1	17.78	17.93	17.68	18.00
1.4	16QAM	3	3	17.71	17.90	17.62	18.00
1.4	16QAM	6	0	17.77	17.81	17.72	18.00
1.4	64QAM	1	0	17.84	17.89	17.59	18.00
1.4	64QAM	1	3	17.72	17.78	17.54	18.00
1.4	64QAM	1	5	17.87	17.86	17.57	18.00
1.4	64QAM	3	0	17.69	17.76	17.63	18.00
1.4	64QAM	3	1	17.82	17.81	17.69	18.00
1.4	64QAM	3	3	17.84	17.86	17.68	18.00
1.4	64QAM	6	0	17.82	17.85	17.78	18.00
1.4	256QAM	1	0	17.78	17.85	17.63	18.00
1.4	256QAM	1	3	17.78	17.84	17.62	18.00
1.4	256QAM	1	5	17.86	17.84	17.76	18.00
1.4	256QAM	3	0	17.92	17.89	17.63	18.00
1.4	256QAM	3	1	17.79	17.89	17.57	18.00
1.4	256QAM	3	3	17.84	17.88	17.68	18.00
1.4	256QAM	6	0	17.76	17.83	17.68	18.00

【LTE Band 71_Ant 0_Index 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.47	24.48	24.49	25.50
20	QPSK	1	49	24.10	24.30	24.11	25.50
20	QPSK	1	99	24.13	24.13	24.04	25.50
20	QPSK	50	0	23.77	23.78	23.79	24.50
20	QPSK	50	24	23.72	23.73	23.69	24.50
20	QPSK	50	50	23.62	23.63	23.57	24.50
20	QPSK	100	0	23.70	23.72	23.74	24.50
20	16QAM	1	0	23.97	24.13	24.13	24.50
20	16QAM	1	49	23.95	23.89	23.93	24.50
20	16QAM	1	99	23.81	23.72	23.75	24.50
20	16QAM	50	0	22.77	22.75	22.77	23.50



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20	16QAM	50	24	22.72	22.65	22.68	23.50
20	16QAM	50	50	22.60	22.57	22.59	23.50
20	16QAM	100	0	22.70	22.65	22.69	23.50
20	64QAM	1	0	23.01	23.02	23.09	23.50
20	64QAM	1	49	22.90	22.80	22.84	23.50
20	64QAM	1	99	22.64	22.72	22.63	23.50
20	64QAM	50	0	21.81	21.76	21.76	22.50
20	64QAM	50	24	21.72	21.72	21.71	22.50
20	64QAM	50	50	21.62	21.61	21.58	22.50
20	64QAM	100	0	21.70	21.70	21.69	22.50
20	256QAM	1	0	20.07	20.00	20.01	20.50
20	256QAM	1	49	19.39	19.39	19.43	20.50
20	256QAM	1	99	19.72	19.64	19.54	20.50
20	256QAM	50	0	19.77	19.80	19.78	20.50
20	256QAM	50	24	19.67	19.68	19.69	20.50
20	256QAM	50	50	19.59	19.61	19.61	20.50
20	256QAM	100	0	19.71	19.72	19.69	20.50
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	24.43	24.42	24.43	25.50
15	QPSK	1	37	23.96	24.28	23.99	25.50
15	QPSK	1	74	24.06	24.04	23.90	25.50
15	QPSK	36	0	23.74	23.75	23.69	24.50
15	QPSK	36	20	23.60	23.62	23.67	24.50
15	QPSK	36	39	23.56	23.53	23.52	24.50
15	QPSK	75	0	23.71	23.61	23.61	24.50
15	16QAM	1	0	23.95	24.02	24.09	24.50
15	16QAM	1	37	23.87	23.75	23.82	24.50
15	16QAM	1	74	23.72	23.58	23.68	24.50
15	16QAM	36	0	22.74	22.61	22.74	23.50
15	16QAM	36	20	22.64	22.59	22.63	23.50
15	16QAM	36	39	22.53	22.50	22.56	23.50
15	16QAM	75	0	22.66	22.55	22.61	23.50
15	64QAM	1	0	22.97	22.94	22.94	23.50
15	64QAM	1	37	22.79	22.67	22.81	23.50
15	64QAM	1	74	22.52	22.66	22.53	23.50
15	64QAM	36	0	21.77	21.75	21.61	22.50
15	64QAM	36	20	21.66	21.58	21.61	22.50
15	64QAM	36	39	21.57	21.54	21.52	22.50
15	64QAM	75	0	21.58	21.59	21.55	22.50
15	256QAM	1	0	19.93	19.87	20.00	20.50
15	256QAM	1	37	19.37	19.36	19.37	20.50
15	256QAM	1	74	19.60	19.61	19.46	20.50
15	256QAM	36	0	19.64	19.69	19.76	20.50
15	256QAM	36	20	19.52	19.55	19.58	20.50
15	256QAM	36	39	19.49	19.55	19.56	20.50
15	256QAM	75	0	19.63	19.67	19.62	20.50
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.41	24.42	24.40	25.50
10	QPSK	1	25	23.95	24.29	24.00	25.50
10	QPSK	1	49	24.01	24.01	24.01	25.50
10	QPSK	25	0	23.73	23.75	23.67	24.50
10	QPSK	25	12	23.70	23.69	23.67	24.50
10	QPSK	25	25	23.60	23.50	23.44	24.50
10	QPSK	50	0	23.59	23.69	23.65	24.50
10	16QAM	1	0	23.88	24.10	24.07	24.50
10	16QAM	1	25	23.85	23.75	23.83	24.50
10	16QAM	1	49	23.80	23.69	23.73	24.50
10	16QAM	25	0	22.72	22.73	22.63	23.50
10	16QAM	25	12	22.66	22.53	22.65	23.50
10	16QAM	25	25	22.55	22.53	22.51	23.50
10	16QAM	50	0	22.65	22.50	22.56	23.50
10	64QAM	1	0	22.95	22.99	23.01	23.50
10	64QAM	1	25	22.78	22.74	22.80	23.50
10	64QAM	1	49	22.60	22.60	22.53	23.50
10	64QAM	25	0	21.74	21.63	21.63	22.50
10	64QAM	25	12	21.60	21.71	21.57	22.50
10	64QAM	25	25	21.48	21.59	21.51	22.50
10	64QAM	50	0	21.64	21.68	21.62	22.50
10	256QAM	1	0	19.97	19.91	19.94	20.50
10	256QAM	1	25	19.34	19.38	19.41	20.50
10	256QAM	1	49	19.66	19.58	19.49	20.50
10	256QAM	25	0	19.66	19.78	19.68	20.50
10	256QAM	25	12	19.60	19.63	19.64	20.50
10	256QAM	25	25	19.53	19.56	19.47	20.50
10	256QAM	50	0	19.63	19.59	19.56	20.50
Channel				133147	133297	133447	Tune-up limit

Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.44	24.39	24.43	25.50
5	QPSK	1	12	24.08	24.21	24.03	25.50
5	QPSK	1	24	24.03	23.99	23.99	25.50
5	QPSK	12	0	23.67	23.68	23.77	24.50
5	QPSK	12	7	23.67	23.66	23.60	24.50
5	QPSK	12	13	23.56	23.53	23.56	24.50
5	QPSK	25	0	23.58	23.60	23.65	24.50
5	16QAM	1	0	23.85	24.11	24.09	24.50
5	16QAM	1	12	23.92	23.77	23.79	24.50
5	16QAM	1	24	23.69	23.69	23.64	24.50
5	16QAM	12	0	22.63	22.64	22.70	23.50
5	16QAM	12	7	22.65	22.52	22.56	23.50
5	16QAM	12	13	22.45	22.56	22.50	23.50
5	16QAM	25	0	22.64	22.64	22.58	23.50
5	64QAM	1	0	22.88	22.96	23.00	23.50
5	64QAM	1	12	22.82	22.74	22.81	23.50
5	64QAM	1	24	22.60	22.57	22.48	23.50
5	64QAM	12	0	21.70	21.67	21.65	22.50
5	64QAM	12	7	21.66	21.70	21.64	22.50
5	64QAM	12	13	21.59	21.47	21.48	22.50
5	64QAM	25	0	21.67	21.68	21.57	22.50
5	256QAM	1	0	19.92	19.98	19.88	20.50
5	256QAM	1	12	19.24	19.24	19.29	20.50
5	256QAM	1	24	19.61	19.61	19.48	20.50
5	256QAM	12	0	19.63	19.69	19.66	20.50
5	256QAM	12	7	19.60	19.64	19.60	20.50
5	256QAM	12	13	19.54	19.47	19.59	20.50
5	256QAM	25	0	19.65	19.67	19.54	20.50

【LTE Band 71_Ant 0_Index 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.47	24.48	24.49	25.50
20	QPSK	1	49	24.10	24.30	24.11	25.50
20	QPSK	1	99	24.13	24.13	24.04	25.50
20	QPSK	50	0	23.77	23.78	23.79	24.50
20	QPSK	50	24	23.72	23.73	23.69	24.50
20	QPSK	50	50	23.62	23.63	23.57	24.50
20	QPSK	100	0	23.70	23.72	23.74	24.50
20	16QAM	1	0	23.97	24.13	24.13	24.50
20	16QAM	1	49	23.95	23.89	23.93	24.50
20	16QAM	1	99	23.81	23.72	23.75	24.50
20	16QAM	50	0	22.77	22.75	22.77	23.50
20	16QAM	50	24	22.72	22.65	22.68	23.50
20	16QAM	50	50	22.60	22.57	22.59	23.50
20	16QAM	100	0	22.70	22.65	22.69	23.50
20	64QAM	1	0	23.01	23.02	23.09	23.50
20	64QAM	1	49	22.90	22.80	22.84	23.50
20	64QAM	1	99	22.64	22.72	22.63	23.50
20	64QAM	50	0	21.81	21.76	21.76	22.50
20	64QAM	50	24	21.72	21.72	21.71	22.50
20	64QAM	50	50	21.62	21.61	21.58	22.50
20	64QAM	100	0	21.70	21.70	21.69	22.50
20	256QAM	1	0	20.07	20.00	20.01	20.50
20	256QAM	1	49	19.39	19.39	19.43	20.50
20	256QAM	1	99	19.72	19.64	19.54	20.50
20	256QAM	50	0	19.77	19.80	19.78	20.50
20	256QAM	50	24	19.67	19.68	19.69	20.50
20	256QAM	50	50	19.59	19.61	19.61	20.50
20	256QAM	100	0	19.71	19.72	19.69	20.50
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.43	24.42	24.43	25.50
15	QPSK	1	37	23.96	24.28	23.99	25.50
15	QPSK	1	74	24.06	24.04	23.90	25.50
15	QPSK	36	0	23.74	23.75	23.69	24.50
15	QPSK	36	20	23.60	23.62	23.67	24.50
15	QPSK	36	39	23.56	23.53	23.52	24.50
15	QPSK	75	0	23.71	23.61	23.61	24.50
15	16QAM	1	0	23.95	24.02	24.09	24.50
15	16QAM	1	37	23.87	23.75	23.82	24.50
15	16QAM	1	74	23.72	23.58	23.68	24.50
15	16QAM	36	0	22.74	22.61	22.74	23.50



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15	16QAM	36	20	22.64	22.59	22.63	23.50
15	16QAM	36	39	22.53	22.50	22.56	23.50
15	16QAM	75	0	22.66	22.55	22.61	23.50
15	64QAM	1	0	22.97	22.94	22.94	23.50
15	64QAM	1	37	22.79	22.67	22.81	23.50
15	64QAM	1	74	22.52	22.66	22.53	23.50
15	64QAM	36	0	21.77	21.75	21.61	22.50
15	64QAM	36	20	21.66	21.58	21.61	22.50
15	64QAM	36	39	21.57	21.54	21.52	22.50
15	64QAM	75	0	21.58	21.59	21.55	22.50
15	256QAM	1	0	19.93	19.87	20.00	20.50
15	256QAM	1	37	19.37	19.36	19.37	20.50
15	256QAM	1	74	19.60	19.61	19.46	20.50
15	256QAM	36	0	19.64	19.69	19.76	20.50
15	256QAM	36	20	19.52	19.55	19.58	20.50
15	256QAM	36	39	19.49	19.55	19.56	20.50
15	256QAM	75	0	19.63	19.67	19.62	20.50
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.41	24.42	24.40	25.50
10	QPSK	1	25	23.95	24.29	24.00	25.50
10	QPSK	1	49	24.01	24.01	24.01	25.50
10	QPSK	25	0	23.73	23.75	23.67	24.50
10	QPSK	25	12	23.70	23.69	23.67	24.50
10	QPSK	25	25	23.60	23.50	23.44	24.50
10	QPSK	50	0	23.59	23.69	23.65	24.50
10	16QAM	1	0	23.88	24.10	24.07	24.50
10	16QAM	1	25	23.85	23.75	23.83	24.50
10	16QAM	1	49	23.80	23.69	23.73	24.50
10	16QAM	25	0	22.72	22.73	22.63	23.50
10	16QAM	25	12	22.66	22.53	22.65	23.50
10	16QAM	25	25	22.55	22.53	22.51	23.50
10	16QAM	50	0	22.65	22.50	22.56	23.50
10	64QAM	1	0	22.95	22.99	23.01	23.50
10	64QAM	1	25	22.78	22.74	22.80	23.50
10	64QAM	1	49	22.60	22.60	22.53	23.50
10	64QAM	25	0	21.74	21.63	21.63	22.50
10	64QAM	25	12	21.60	21.71	21.57	22.50
10	64QAM	25	25	21.48	21.59	21.51	22.50
10	64QAM	50	0	21.64	21.68	21.62	22.50
10	256QAM	1	0	19.97	19.91	19.94	20.50
10	256QAM	1	25	19.34	19.38	19.41	20.50
10	256QAM	1	49	19.66	19.58	19.49	20.50
10	256QAM	25	0	19.66	19.78	19.68	20.50
10	256QAM	25	12	19.60	19.63	19.64	20.50
10	256QAM	25	25	19.53	19.56	19.47	20.50
10	256QAM	50	0	19.63	19.59	19.56	20.50
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.44	24.39	24.43	25.50
5	QPSK	1	12	24.08	24.21	24.03	25.50
5	QPSK	1	24	24.03	23.99	23.99	25.50
5	QPSK	12	0	23.67	23.68	23.77	24.50
5	QPSK	12	7	23.67	23.66	23.60	24.50
5	QPSK	12	13	23.56	23.53	23.56	24.50
5	QPSK	25	0	23.58	23.60	23.65	24.50
5	16QAM	1	0	23.85	24.11	24.09	24.50
5	16QAM	1	12	23.92	23.77	23.79	24.50
5	16QAM	1	24	23.69	23.69	23.64	24.50
5	16QAM	12	0	22.63	22.64	22.70	23.50
5	16QAM	12	7	22.65	22.52	22.56	23.50
5	16QAM	12	13	22.45	22.56	22.50	23.50
5	16QAM	25	0	22.64	22.64	22.58	23.50
5	64QAM	1	0	22.88	22.96	23.00	23.50
5	64QAM	1	12	22.82	22.74	22.81	23.50
5	64QAM	1	24	22.60	22.57	22.48	23.50
5	64QAM	12	0	21.70	21.67	21.65	22.50
5	64QAM	12	7	21.66	21.70	21.64	22.50
5	64QAM	12	13	21.59	21.47	21.48	22.50
5	64QAM	25	0	21.67	21.68	21.57	22.50
5	256QAM	1	0	19.92	19.98	19.88	20.50
5	256QAM	1	12	19.24	19.24	19.29	20.50
5	256QAM	1	24	19.61	19.61	19.48	20.50
5	256QAM	12	0	19.63	19.69	19.66	20.50
5	256QAM	12	7	19.60	19.64	19.60	20.50
5	256QAM	12	13	19.54	19.47	19.59	20.50
5	256QAM	25	0	19.65	19.67	19.54	20.50

【LTE Band 71_Ant 0_Index 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.47	24.48	24.49	25.50
20	QPSK	1	49	24.10	24.30	24.11	25.50
20	QPSK	1	99	24.13	24.13	24.04	25.50
20	QPSK	50	0	23.77	23.78	23.79	24.50
20	QPSK	50	24	23.72	23.73	23.69	24.50
20	QPSK	50	50	23.62	23.63	23.57	24.50
20	QPSK	100	0	23.70	23.72	23.74	24.50
20	16QAM	1	0	23.97	24.13	24.13	24.50
20	16QAM	1	49	23.95	23.89	23.93	24.50
20	16QAM	1	99	23.81	23.72	23.75	24.50
20	16QAM	50	0	22.77	22.75	22.77	23.50
20	16QAM	50	24	22.72	22.65	22.68	23.50
20	16QAM	50	50	22.60	22.57	22.59	23.50
20	16QAM	100	0	22.70	22.65	22.69	23.50
20	64QAM	1	0	23.01	23.02	23.09	23.50
20	64QAM	1	49	22.90	22.80	22.84	23.50
20	64QAM	1	99	22.64	22.72	22.63	23.50
20	64QAM	50	0	21.81	21.76	21.76	22.50
20	64QAM	50	24	21.72	21.72	21.71	22.50
20	64QAM	50	50	21.62	21.61	21.58	22.50
20	64QAM	100	0	21.70	21.70	21.69	22.50
20	256QAM	1	0	20.07	20.00	20.01	20.50
20	256QAM	1	49	19.39	19.39	19.43	20.50
20	256QAM	1	99	19.72	19.64	19.54	20.50
20	256QAM	50	0	19.77	19.80	19.78	20.50
20	256QAM	50	24	19.67	19.68	19.69	20.50
20	256QAM	50	50	19.59	19.61	19.61	20.50
20	256QAM	100	0	19.71	19.72	19.69	20.50
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.43	24.42	24.43	25.50
15	QPSK	1	37	23.96	24.28	23.99	25.50
15	QPSK	1	74	24.06	24.04	23.90	25.50
15	QPSK	36	0	23.74	23.75	23.69	24.50
15	QPSK	36	20	23.60	23.62	23.67	24.50
15	QPSK	36	39	23.56	23.53	23.52	24.50
15	QPSK	75	0	23.71	23.61	23.61	24.50
15	16QAM	1	0	23.95	24.02	24.09	24.50
15	16QAM	1	37	23.87	23.75	23.82	24.50
15	16QAM	1	74	23.72	23.58	23.68	24.50
15	16QAM	36	0	22.74	22.61	22.74	23.50
15	16QAM	36	20	22.64	22.59	22.63	23.50
15	16QAM	36	39	22.53	22.50	22.56	23.50
15	16QAM	75	0	22.66	22.55	22.61	23.50
15	64QAM	1	0	22.97	22.94	22.94	23.50
15	64QAM	1	37	22.79	22.67	22.81	23.50
15	64QAM	1	74	22.52	22.66	22.53	23.50
15	64QAM	36	0	21.77	21.75	21.61	22.50
15	64QAM	36	20	21.66	21.58	21.61	22.50
15	64QAM	36	39	21.57	21.54	21.52	22.50
15	64QAM	75	0	21.58	21.59	21.55	22.50
15	256QAM	1	0	19.93	19.87	20.00	20.50
15	256QAM	1	37	19.37	19.36	19.37	20.50
15	256QAM	1	74	19.60	19.61	19.46	20.50
15	256QAM	36	0	19.64	19.69	19.76	20.50
15	256QAM	36	20	19.52	19.55	19.58	20.50
15	256QAM	36	39	19.49	19.55	19.56	20.50
15	256QAM	75	0	19.63	19.67	19.62	20.50
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.41	24.42	24.40	25.50
10	QPSK	1	25	23.95	24.29	24.00	25.50
10	QPSK	1	49	24.01	24.01	24.01	25.50
10	QPSK	25	0	23.73	23.75	23.67	24.50
10	QPSK	25	12	23.70	23.69	23.67	24.50
10	QPSK	25	25	23.60	23.50	23.44	24.50
10	QPSK	50	0	23.59	23.69	23.65	24.50
10	16QAM	1	0	23.88	24.10	24.07	24.50
10	16QAM	1	25	23.85	23.75	23.83	24.50
10	16QAM	1	49	23.80	23.69	23.73	24.50
10	16QAM	25	0	22.72	22.73	22.63	23.50



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10	16QAM	25	12	22.66	22.53	22.65	23.50
10	16QAM	25	25	22.55	22.53	22.51	23.50
10	16QAM	50	0	22.65	22.50	22.56	23.50
10	64QAM	1	0	22.95	22.99	23.01	23.50
10	64QAM	1	25	22.78	22.74	22.80	23.50
10	64QAM	1	49	22.60	22.60	22.53	23.50
10	64QAM	25	0	21.74	21.63	21.63	22.50
10	64QAM	25	12	21.60	21.71	21.57	22.50
10	64QAM	25	25	21.48	21.59	21.51	22.50
10	64QAM	50	0	21.64	21.68	21.62	22.50
10	256QAM	1	0	19.97	19.91	19.94	20.50
10	256QAM	1	25	19.34	19.38	19.41	20.50
10	256QAM	1	49	19.66	19.58	19.49	20.50
10	256QAM	25	0	19.66	19.78	19.68	20.50
10	256QAM	25	12	19.60	19.63	19.64	20.50
10	256QAM	25	25	19.53	19.56	19.47	20.50
10	256QAM	50	0	19.63	19.59	19.56	20.50
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.44	24.39	24.43	25.50
5	QPSK	1	12	24.08	24.21	24.03	25.50
5	QPSK	1	24	24.03	23.99	23.99	25.50
5	QPSK	12	0	23.67	23.68	23.77	24.50
5	QPSK	12	7	23.67	23.66	23.60	24.50
5	QPSK	12	13	23.56	23.53	23.56	24.50
5	QPSK	25	0	23.58	23.60	23.65	24.50
5	16QAM	1	0	23.85	24.11	24.09	24.50
5	16QAM	1	12	23.92	23.77	23.79	24.50
5	16QAM	1	24	23.69	23.69	23.64	24.50
5	16QAM	12	0	22.63	22.64	22.70	23.50
5	16QAM	12	7	22.65	22.52	22.56	23.50
5	16QAM	12	13	22.45	22.56	22.50	23.50
5	16QAM	25	0	22.64	22.64	22.58	23.50
5	64QAM	1	0	22.88	22.96	23.00	23.50
5	64QAM	1	12	22.82	22.74	22.81	23.50
5	64QAM	1	24	22.60	22.57	22.48	23.50
5	64QAM	12	0	21.70	21.67	21.65	22.50
5	64QAM	12	7	21.66	21.70	21.64	22.50
5	64QAM	12	13	21.59	21.47	21.48	22.50
5	64QAM	25	0	21.67	21.68	21.57	22.50
5	256QAM	1	0	19.92	19.98	19.88	20.50
5	256QAM	1	12	19.24	19.24	19.29	20.50
5	256QAM	1	24	19.61	19.61	19.48	20.50
5	256QAM	12	0	19.63	19.69	19.66	20.50
5	256QAM	12	7	19.60	19.64	19.60	20.50
5	256QAM	12	13	19.54	19.47	19.59	20.50
5	256QAM	25	0	19.65	19.67	19.54	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.47	22.48	22.65	23.20
20	QPSK	1	49	22.10	22.30	22.11	23.20
20	QPSK	1	99	22.13	22.13	22.04	23.20
20	QPSK	50	0	22.46	22.47	22.49	23.20
20	QPSK	50	24	22.42	22.43	22.39	23.20
20	QPSK	50	50	22.32	22.33	22.27	23.20
20	QPSK	100	0	22.40	22.42	22.44	23.20
20	16QAM	1	0	22.46	22.43	22.63	23.20
20	16QAM	1	49	22.45	22.39	22.43	23.20
20	16QAM	1	99	22.31	22.22	22.25	23.20
20	16QAM	50	0	22.42	22.35	22.47	23.20
20	16QAM	50	24	22.42	22.35	22.38	23.20
20	16QAM	50	50	22.30	22.27	22.29	23.20
20	16QAM	100	0	22.40	22.35	22.39	23.20
20	64QAM	1	0	22.41	22.39	22.54	23.20
20	64QAM	1	49	22.35	22.25	22.29	23.20
20	64QAM	1	99	22.09	22.17	22.08	23.20
20	64QAM	50	0	21.81	21.76	21.76	22.50
20	64QAM	50	24	21.72	21.72	21.71	22.50
20	64QAM	50	50	21.62	21.61	21.58	22.50
20	64QAM	100	0	21.70	21.70	21.69	22.50
20	256QAM	1	0	20.07	20.00	20.01	20.50
20	256QAM	1	49	19.39	19.39	19.43	20.50



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20	256QAM	1	99	19.72	19.64	19.54	20.50
20	256QAM	50	0	19.77	19.80	19.78	20.50
20	256QAM	50	24	19.67	19.68	19.69	20.50
20	256QAM	50	50	19.59	19.61	19.61	20.50
20	256QAM	100	0	19.71	19.72	19.69	20.50
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.45	22.37	22.57	23.20
15	QPSK	1	37	22.01	22.24	22.05	23.20
15	QPSK	1	74	22.08	21.99	21.93	23.20
15	QPSK	36	0	22.42	22.41	22.47	23.20
15	QPSK	36	20	22.35	22.38	22.37	23.20
15	QPSK	36	39	22.30	22.31	22.19	23.20
15	QPSK	75	0	22.30	22.36	22.37	23.20
15	16QAM	1	0	22.31	22.34	22.53	23.20
15	16QAM	1	37	22.43	22.33	22.38	23.20
15	16QAM	1	74	22.19	22.13	22.24	23.20
15	16QAM	36	0	22.28	22.23	22.38	23.20
15	16QAM	36	20	22.27	22.32	22.32	23.20
15	16QAM	36	39	22.19	22.26	22.22	23.20
15	16QAM	75	0	22.33	22.32	22.28	23.20
15	64QAM	1	0	22.39	22.33	22.39	23.20
15	64QAM	1	37	22.21	22.20	22.14	23.20
15	64QAM	1	74	22.02	22.02	21.98	23.20
15	64QAM	36	0	21.78	21.69	21.68	22.50
15	64QAM	36	20	21.71	21.68	21.59	22.50
15	64QAM	36	39	21.54	21.50	21.52	22.50
15	64QAM	75	0	21.64	21.62	21.55	22.50
15	256QAM	1	0	19.93	19.88	19.95	20.50
15	256QAM	1	37	19.27	19.29	19.32	20.50
15	256QAM	1	74	19.60	19.50	19.49	20.50
15	256QAM	36	0	19.70	19.74	19.69	20.50
15	256QAM	36	20	19.53	19.57	19.65	20.50
15	256QAM	36	39	19.56	19.53	19.59	20.50
15	256QAM	75	0	19.60	19.60	19.59	20.50
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.36	22.35	22.58	23.20
10	QPSK	1	25	22.00	22.20	22.05	23.20
10	QPSK	1	49	22.00	22.07	21.94	23.20
10	QPSK	25	0	22.36	22.33	22.35	23.20
10	QPSK	25	12	22.38	22.32	22.38	23.20
10	QPSK	25	25	22.23	22.29	22.23	23.20
10	QPSK	50	0	22.31	22.28	22.40	23.20
10	16QAM	1	0	22.36	22.30	22.53	23.20
10	16QAM	1	25	22.38	22.33	22.34	23.20
10	16QAM	1	49	22.20	22.12	22.13	23.20
10	16QAM	25	0	22.33	22.31	22.42	23.20
10	16QAM	25	12	22.29	22.27	22.24	23.20
10	16QAM	25	25	22.28	22.23	22.17	23.20
10	16QAM	50	0	22.31	22.26	22.35	23.20
10	64QAM	1	0	22.38	22.25	22.39	23.20
10	64QAM	1	25	22.28	22.23	22.19	23.20
10	64QAM	1	49	21.99	22.04	21.99	23.20
10	64QAM	25	0	21.71	21.66	21.73	22.50
10	64QAM	25	12	21.62	21.70	21.66	22.50
10	64QAM	25	25	21.54	21.49	21.52	22.50
10	64QAM	50	0	21.56	21.58	21.58	22.50
10	256QAM	1	0	20.03	19.98	19.94	20.50
10	256QAM	1	25	19.27	19.35	19.32	20.50
10	256QAM	1	49	19.64	19.61	19.42	20.50
10	256QAM	25	0	19.68	19.71	19.73	20.50
10	256QAM	25	12	19.55	19.63	19.54	20.50
10	256QAM	25	25	19.56	19.48	19.52	20.50
10	256QAM	50	0	19.60	19.64	19.62	20.50
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.43	22.33	22.52	23.20
5	QPSK	1	12	21.95	22.24	22.05	23.20
5	QPSK	1	24	22.02	21.99	21.94	23.20
5	QPSK	12	0	22.35	22.38	22.43	23.20
5	QPSK	12	7	22.33	22.32	22.27	23.20
5	QPSK	12	13	22.18	22.27	22.20	23.20
5	QPSK	25	0	22.36	22.34	22.36	23.20
5	16QAM	1	0	22.34	22.35	22.58	23.20
5	16QAM	1	12	22.43	22.35	22.41	23.20
5	16QAM	1	24	22.17	22.16	22.16	23.20
5	16QAM	12	0	22.33	22.22	22.33	23.20

5	16QAM	12	7	22.29	22.29	22.29	23.20
5	16QAM	12	13	22.28	22.13	22.25	23.20
5	16QAM	25	0	22.28	22.25	22.29	23.20
5	64QAM	1	0	22.36	22.36	22.41	23.20
5	64QAM	1	12	22.22	22.23	22.20	23.20
5	64QAM	1	24	21.97	22.03	22.01	23.20
5	64QAM	12	0	21.70	21.63	21.72	22.50
5	64QAM	12	7	21.58	21.62	21.66	22.50
5	64QAM	12	13	21.54	21.55	21.45	22.50
5	64QAM	25	0	21.64	21.59	21.67	22.50
5	256QAM	1	0	20.01	19.98	19.96	20.50
5	256QAM	1	12	19.25	19.30	19.36	20.50
5	256QAM	1	24	19.58	19.56	19.39	20.50
5	256QAM	12	0	19.63	19.77	19.75	20.50
5	256QAM	12	7	19.56	19.57	19.55	20.50
5	256QAM	12	13	19.58	19.55	19.54	20.50
5	256QAM	25	0	19.66	19.59	19.59	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.47	24.48	24.49	25.50
20	QPSK	1	49	24.10	24.30	24.11	25.50
20	QPSK	1	99	24.13	24.13	24.04	25.50
20	QPSK	50	0	23.77	23.78	23.79	24.50
20	QPSK	50	24	23.72	23.73	23.69	24.50
20	QPSK	50	50	23.62	23.63	23.57	24.50
20	QPSK	100	0	23.70	23.72	23.74	24.50
20	16QAM	1	0	23.97	24.13	24.13	24.50
20	16QAM	1	49	23.95	23.89	23.93	24.50
20	16QAM	1	99	23.81	23.72	23.75	24.50
20	16QAM	50	0	22.77	22.75	22.77	23.50
20	16QAM	50	24	22.72	22.65	22.68	23.50
20	16QAM	50	50	22.60	22.57	22.59	23.50
20	16QAM	100	0	22.70	22.65	22.69	23.50
20	64QAM	1	0	23.01	23.02	23.09	23.50
20	64QAM	1	49	22.90	22.80	22.84	23.50
20	64QAM	1	99	22.64	22.72	22.63	23.50
20	64QAM	50	0	21.81	21.76	21.76	22.50
20	64QAM	50	24	21.72	21.72	21.71	22.50
20	64QAM	50	50	21.62	21.61	21.58	22.50
20	64QAM	100	0	21.70	21.70	21.69	22.50
20	256QAM	1	0	20.07	20.00	20.01	20.50
20	256QAM	1	49	19.39	19.39	19.43	20.50
20	256QAM	1	99	19.72	19.64	19.54	20.50
20	256QAM	50	0	19.77	19.80	19.78	20.50
20	256QAM	50	24	19.67	19.68	19.69	20.50
20	256QAM	50	50	19.59	19.61	19.61	20.50
20	256QAM	100	0	19.71	19.72	19.69	20.50
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.43	24.42	24.43	25.50
15	QPSK	1	37	23.96	24.28	23.99	25.50
15	QPSK	1	74	24.06	24.04	23.90	25.50
15	QPSK	36	0	23.74	23.75	23.69	24.50
15	QPSK	36	20	23.60	23.62	23.67	24.50
15	QPSK	36	39	23.56	23.53	23.52	24.50
15	QPSK	75	0	23.71	23.61	23.61	24.50
15	16QAM	1	0	23.95	24.02	24.09	24.50
15	16QAM	1	37	23.87	23.75	23.82	24.50
15	16QAM	1	74	23.72	23.58	23.68	24.50
15	16QAM	36	0	22.74	22.61	22.74	23.50
15	16QAM	36	20	22.64	22.59	22.63	23.50
15	16QAM	36	39	22.53	22.50	22.56	23.50
15	16QAM	75	0	22.66	22.55	22.61	23.50
15	64QAM	1	0	22.97	22.94	22.94	23.50
15	64QAM	1	37	22.79	22.67	22.81	23.50
15	64QAM	1	74	22.52	22.66	22.53	23.50
15	64QAM	36	0	21.77	21.75	21.61	22.50
15	64QAM	36	20	21.66	21.58	21.61	22.50
15	64QAM	36	39	21.57	21.54	21.52	22.50
15	64QAM	75	0	21.58	21.59	21.55	22.50
15	256QAM	1	0	19.93	19.87	20.00	20.50
15	256QAM	1	37	19.37	19.36	19.37	20.50

15	256QAM	1	74	19.60	19.61	19.46	20.50
15	256QAM	36	0	19.64	19.69	19.76	20.50
15	256QAM	36	20	19.52	19.55	19.58	20.50
15	256QAM	36	39	19.49	19.55	19.56	20.50
15	256QAM	75	0	19.63	19.67	19.62	20.50
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.41	24.42	24.40	25.50
10	QPSK	1	25	23.95	24.29	24.00	25.50
10	QPSK	1	49	24.01	24.01	24.01	25.50
10	QPSK	25	0	23.73	23.75	23.67	24.50
10	QPSK	25	12	23.70	23.69	23.67	24.50
10	QPSK	25	25	23.60	23.50	23.44	24.50
10	QPSK	50	0	23.59	23.69	23.65	24.50
10	16QAM	1	0	23.88	24.10	24.07	24.50
10	16QAM	1	25	23.85	23.75	23.83	24.50
10	16QAM	1	49	23.80	23.69	23.73	24.50
10	16QAM	25	0	22.72	22.73	22.63	23.50
10	16QAM	25	12	22.66	22.53	22.65	23.50
10	16QAM	25	25	22.55	22.53	22.51	23.50
10	16QAM	50	0	22.65	22.50	22.56	23.50
10	64QAM	1	0	22.95	22.99	23.01	23.50
10	64QAM	1	25	22.78	22.74	22.80	23.50
10	64QAM	1	49	22.60	22.60	22.53	23.50
10	64QAM	25	0	21.74	21.63	21.63	22.50
10	64QAM	25	12	21.60	21.71	21.57	22.50
10	64QAM	25	25	21.48	21.59	21.51	22.50
10	64QAM	50	0	21.64	21.68	21.62	22.50
10	256QAM	1	0	19.97	19.91	19.94	20.50
10	256QAM	1	25	19.34	19.38	19.41	20.50
10	256QAM	1	49	19.66	19.58	19.49	20.50
10	256QAM	25	0	19.66	19.78	19.68	20.50
10	256QAM	25	12	19.60	19.63	19.64	20.50
10	256QAM	25	25	19.53	19.56	19.47	20.50
10	256QAM	50	0	19.63	19.59	19.56	20.50
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.44	24.39	24.43	25.50
5	QPSK	1	12	24.08	24.21	24.03	25.50
5	QPSK	1	24	24.03	23.99	23.99	25.50
5	QPSK	12	0	23.67	23.68	23.77	24.50
5	QPSK	12	7	23.67	23.66	23.60	24.50
5	QPSK	12	13	23.56	23.53	23.56	24.50
5	QPSK	25	0	23.58	23.60	23.65	24.50
5	16QAM	1	0	23.85	24.11	24.09	24.50
5	16QAM	1	12	23.92	23.77	23.79	24.50
5	16QAM	1	24	23.69	23.69	23.64	24.50
5	16QAM	12	0	22.63	22.64	22.70	23.50
5	16QAM	12	7	22.65	22.52	22.56	23.50
5	16QAM	12	13	22.45	22.56	22.50	23.50
5	16QAM	25	0	22.64	22.64	22.58	23.50
5	64QAM	1	0	22.88	22.96	23.00	23.50
5	64QAM	1	12	22.82	22.74	22.81	23.50
5	64QAM	1	24	22.60	22.57	22.48	23.50
5	64QAM	12	0	21.70	21.67	21.65	22.50
5	64QAM	12	7	21.66	21.70	21.64	22.50
5	64QAM	12	13	21.59	21.47	21.48	22.50
5	64QAM	25	0	21.67	21.68	21.57	22.50
5	256QAM	1	0	19.92	19.98	19.88	20.50
5	256QAM	1	12	19.24	19.24	19.29	20.50
5	256QAM	1	24	19.61	19.61	19.48	20.50
5	256QAM	12	0	19.63	19.69	19.66	20.50
5	256QAM	12	7	19.60	19.64	19.60	20.50
5	256QAM	12	13	19.54	19.47	19.59	20.50
5	256QAM	25	0	19.65	19.67	19.54	20.50

【LTE Band 71_Ant 1_Index 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.73	23.76	23.86	25.30
20	QPSK	1	49	23.36	23.49	23.39	25.30
20	QPSK	1	99	23.36	23.40	23.42	25.30
20	QPSK	50	0	23.11	23.15	23.24	24.30
20	QPSK	50	24	23.11	23.04	23.02	24.30



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20	QPSK	50	50	22.93	22.92	23.00	24.30
20	QPSK	100	0	23.03	23.10	23.03	24.30
20	16QAM	1	0	23.24	23.78	23.57	24.30
20	16QAM	1	49	22.93	23.12	23.19	24.30
20	16QAM	1	99	23.10	23.20	23.03	24.30
20	16QAM	50	0	22.06	22.15	22.00	23.30
20	16QAM	50	24	21.97	22.00	22.07	23.30
20	16QAM	50	50	21.92	21.88	21.86	23.30
20	16QAM	100	0	21.96	22.04	21.91	23.30
20	64QAM	1	0	22.26	22.11	22.53	23.30
20	64QAM	1	49	22.44	22.38	22.27	23.30
20	64QAM	1	99	22.22	22.11	21.97	23.30
20	64QAM	50	0	21.20	21.17	21.12	22.30
20	64QAM	50	24	21.00	21.08	21.03	22.30
20	64QAM	50	50	20.97	20.99	20.87	22.30
20	64QAM	100	0	21.01	21.10	21.00	22.30
20	256QAM	1	0	19.21	19.18	19.26	20.30
20	256QAM	1	49	19.08	18.97	19.08	20.30
20	256QAM	1	99	19.14	19.02	18.99	20.30
20	256QAM	50	0	19.27	19.19	19.22	20.30
20	256QAM	50	24	19.13	19.11	19.11	20.30
20	256QAM	50	50	19.08	19.08	18.99	20.30
20	256QAM	100	0	19.17	19.18	19.11	20.30
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.82	23.85	23.85	25.30
15	QPSK	1	37	23.52	23.59	23.54	25.30
15	QPSK	1	74	23.56	23.60	23.50	25.30
15	QPSK	36	0	23.19	23.18	23.09	24.30
15	QPSK	36	20	23.09	23.16	23.03	24.30
15	QPSK	36	39	23.06	23.09	22.99	24.30
15	QPSK	75	0	23.10	23.16	23.08	24.30
15	16QAM	1	0	23.45	23.48	23.51	24.30
15	16QAM	1	37	23.38	23.49	23.34	24.30
15	16QAM	1	74	23.28	23.08	23.14	24.30
15	16QAM	36	0	22.16	22.15	22.13	23.30
15	16QAM	36	20	22.07	22.08	22.03	23.30
15	16QAM	36	39	22.01	22.00	21.98	23.30
15	16QAM	75	0	22.09	22.09	22.05	23.30
15	64QAM	1	0	22.26	22.39	22.41	23.30
15	64QAM	1	37	22.32	22.21	22.22	23.30
15	64QAM	1	74	22.15	22.23	22.05	23.30
15	64QAM	36	0	21.19	21.22	21.17	22.30
15	64QAM	36	20	21.16	21.11	21.03	22.30
15	64QAM	36	39	21.03	21.02	21.01	22.30
15	64QAM	75	0	21.08	21.13	21.07	22.30
15	256QAM	1	0	19.30	19.34	19.39	20.30
15	256QAM	1	37	18.99	18.92	18.94	20.30
15	256QAM	1	74	19.13	19.14	19.03	20.30
15	256QAM	36	0	19.21	19.23	19.15	20.30
15	256QAM	36	20	19.10	19.12	19.09	20.30
15	256QAM	36	39	19.02	19.08	19.03	20.30
15	256QAM	75	0	19.05	19.15	19.07	20.30
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.82	23.74	23.85	25.30
10	QPSK	1	25	23.73	23.73	23.70	25.30
10	QPSK	1	49	23.64	23.63	23.55	25.30
10	QPSK	25	0	23.17	23.16	23.20	24.30
10	QPSK	25	12	23.10	23.13	23.13	24.30
10	QPSK	25	25	23.10	23.07	23.11	24.30
10	QPSK	50	0	23.15	23.10	23.08	24.30
10	16QAM	1	0	23.24	23.36	23.37	24.30
10	16QAM	1	25	23.25	23.33	23.33	24.30
10	16QAM	1	49	23.33	23.24	23.13	24.30
10	16QAM	25	0	22.17	22.17	22.17	23.30
10	16QAM	25	12	22.14	22.15	22.09	23.30
10	16QAM	25	25	22.10	22.07	22.09	23.30
10	16QAM	50	0	22.13	22.10	22.13	23.30
10	64QAM	1	0	22.31	22.32	22.40	23.30
10	64QAM	1	25	22.31	22.10	22.27	23.30
10	64QAM	1	49	22.12	22.10	22.20	23.30
10	64QAM	25	0	21.16	21.16	21.18	22.30
10	64QAM	25	12	21.09	21.10	21.12	22.30
10	64QAM	25	25	21.09	21.06	21.07	22.30
10	64QAM	50	0	21.16	21.14	21.15	22.30
10	256QAM	1	0	19.31	19.38	19.42	20.30
10	256QAM	1	25	19.14	19.15	19.11	20.30

10	256QAM	1	49	19.12	19.13	19.09	20.30
10	256QAM	25	0	19.17	19.15	19.21	20.30
10	256QAM	25	12	19.15	19.10	19.15	20.30
10	256QAM	25	25	19.09	19.05	19.05	20.30
10	256QAM	50	0	19.15	19.13	19.10	20.30
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.79	23.85	23.77	25.30
5	QPSK	1	12	23.69	23.73	23.66	25.30
5	QPSK	1	24	23.73	23.73	23.63	25.30
5	QPSK	12	0	23.10	23.17	23.08	24.30
5	QPSK	12	7	23.07	23.13	23.10	24.30
5	QPSK	12	13	23.10	23.07	23.04	24.30
5	QPSK	25	0	23.13	23.11	23.07	24.30
5	16QAM	1	0	23.38	23.47	23.51	24.30
5	16QAM	1	12	23.40	23.47	23.31	24.30
5	16QAM	1	24	23.26	23.41	23.19	24.30
5	16QAM	12	0	22.09	22.09	22.10	23.30
5	16QAM	12	7	22.09	22.15	22.07	23.30
5	16QAM	12	13	22.06	22.07	21.98	23.30
5	16QAM	25	0	22.08	22.08	22.03	23.30
5	64QAM	1	0	22.19	22.14	22.17	23.30
5	64QAM	1	12	22.24	22.21	22.23	23.30
5	64QAM	1	24	22.22	22.19	22.09	23.30
5	64QAM	12	0	21.09	21.18	21.17	22.30
5	64QAM	12	7	21.13	21.13	21.12	22.30
5	64QAM	12	13	21.16	21.11	21.09	22.30
5	64QAM	25	0	21.13	21.15	21.10	22.30
5	256QAM	1	0	19.24	19.22	19.27	20.30
5	256QAM	1	12	19.07	19.04	19.00	20.30
5	256QAM	1	24	19.22	19.21	19.18	20.30
5	256QAM	12	0	19.13	19.13	19.15	20.30
5	256QAM	12	7	19.10	19.13	19.10	20.30
5	256QAM	12	13	19.16	19.14	19.05	20.30
5	256QAM	25	0	19.09	19.13	19.11	20.30

【LTE Band 71_Ant 1_Index 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.63	22.64	22.58	23.00
20	QPSK	1	49	22.41	22.00	22.45	23.00
20	QPSK	1	99	22.19	22.13	22.08	23.00
20	QPSK	50	0	22.41	22.50	22.32	23.00
20	QPSK	50	24	22.42	22.45	22.44	23.00
20	QPSK	50	50	22.12	22.36	22.13	23.00
20	QPSK	100	0	22.40	22.30	22.00	23.00
20	16QAM	1	0	22.43	22.50	22.43	23.00
20	16QAM	1	49	22.38	22.42	22.48	23.00
20	16QAM	1	99	22.02	22.48	22.40	23.00
20	16QAM	50	0	22.52	22.44	22.51	23.00
20	16QAM	50	24	22.18	22.15	22.20	23.00
20	16QAM	50	50	21.97	22.12	21.94	23.00
20	16QAM	100	0	22.30	22.14	22.13	22.70
20	64QAM	1	0	22.09	22.55	22.46	22.70
20	64QAM	1	49	22.44	22.26	22.30	22.70
20	64QAM	1	99	21.81	22.00	21.60	22.70
20	64QAM	50	0	21.86	21.57	21.43	22.30
20	64QAM	50	24	21.15	21.10	21.23	22.30
20	64QAM	50	50	20.94	21.10	20.93	22.30
20	64QAM	100	0	21.22	21.15	21.23	22.30
20	256QAM	1	0	19.24	19.23	19.52	20.30
20	256QAM	1	49	19.32	18.72	19.09	20.30
20	256QAM	1	99	19.38	19.46	19.40	20.30
20	256QAM	50	0	19.54	19.43	19.52	20.30
20	256QAM	50	24	19.28	19.06	19.05	20.30
20	256QAM	50	50	19.02	19.08	18.90	20.30
20	256QAM	100	0	19.30	19.23	19.26	20.30
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.56	22.50	22.43	23.00
15	QPSK	1	37	22.35	21.91	22.33	23.00
15	QPSK	1	74	22.15	22.02	22.02	23.00
15	QPSK	36	0	22.40	22.47	22.22	23.00
15	QPSK	36	20	22.34	22.39	22.34	23.00



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15	QPSK	36	39	22.05	22.21	21.99	23.00
15	QPSK	75	0	22.33	22.16	21.92	23.00
15	16QAM	1	0	22.37	22.46	22.39	23.00
15	16QAM	1	37	22.34	22.28	22.38	23.00
15	16QAM	1	74	21.87	22.38	22.32	23.00
15	16QAM	36	0	22.42	22.39	22.46	23.00
15	16QAM	36	20	22.16	22.00	22.07	23.00
15	16QAM	36	39	21.89	22.03	21.90	23.00
15	16QAM	75	0	22.27	22.02	22.01	22.70
15	64QAM	1	0	22.02	22.40	22.36	22.70
15	64QAM	1	37	22.34	22.23	22.15	22.70
15	64QAM	1	74	21.78	21.96	21.46	22.70
15	64QAM	36	0	21.81	21.53	21.34	22.30
15	64QAM	36	20	21.13	21.03	21.11	22.30
15	64QAM	36	39	20.83	21.01	20.90	22.30
15	64QAM	75	0	21.12	21.14	21.12	22.30
15	256QAM	1	0	19.13	19.16	19.39	20.30
15	256QAM	1	37	19.18	18.61	18.99	20.30
15	256QAM	1	74	19.26	19.41	19.28	20.30
15	256QAM	36	0	19.44	19.30	19.49	20.30
15	256QAM	36	20	19.14	18.94	18.98	20.30
15	256QAM	36	39	18.98	19.04	18.80	20.30
15	256QAM	75	0	19.21	19.13	19.15	20.30
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.54	22.61	22.55	23.00
10	QPSK	1	25	22.38	21.95	22.36	23.00
10	QPSK	1	49	22.11	21.99	21.93	23.00
10	QPSK	25	0	22.28	22.40	22.19	23.00
10	QPSK	25	12	22.34	22.34	22.40	23.00
10	QPSK	25	25	22.08	22.26	22.09	23.00
10	QPSK	50	0	22.37	22.16	21.94	23.00
10	16QAM	1	0	22.33	22.40	22.32	23.00
10	16QAM	1	25	22.32	22.37	22.38	23.00
10	16QAM	1	49	21.88	22.34	22.27	23.00
10	16QAM	25	0	22.38	22.43	22.46	23.00
10	16QAM	25	12	22.16	22.10	22.09	23.00
10	16QAM	25	25	21.85	21.98	21.85	23.00
10	16QAM	50	0	22.18	22.12	22.00	22.70
10	64QAM	1	0	21.99	22.44	22.33	22.70
10	64QAM	1	25	22.38	22.24	22.26	22.70
10	64QAM	1	49	21.74	21.85	21.52	22.70
10	64QAM	25	0	21.79	21.54	21.33	22.30
10	64QAM	25	12	21.05	21.07	21.21	22.30
10	64QAM	25	25	20.83	21.03	20.79	22.30
10	64QAM	50	0	21.12	21.04	21.09	22.30
10	256QAM	1	0	19.18	19.10	19.45	20.30
10	256QAM	1	25	19.29	18.59	19.02	20.30
10	256QAM	1	49	19.37	19.33	19.37	20.30
10	256QAM	25	0	19.39	19.41	19.46	20.30
10	256QAM	25	12	19.14	19.03	18.94	20.30
10	256QAM	25	25	18.96	19.01	18.84	20.30
10	256QAM	50	0	19.17	19.19	19.13	20.30
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.54	22.53	22.45	23.00
5	QPSK	1	12	22.36	21.99	22.38	23.00
5	QPSK	1	24	22.17	22.00	21.93	23.00
5	QPSK	12	0	22.30	22.41	22.22	23.00
5	QPSK	12	7	22.38	22.37	22.29	23.00
5	QPSK	12	13	22.10	22.24	22.01	23.00
5	QPSK	25	0	22.38	22.25	21.88	23.00
5	16QAM	1	0	22.29	22.42	22.33	23.00
5	16QAM	1	12	22.27	22.31	22.39	23.00
5	16QAM	1	24	21.96	22.42	22.30	23.00
5	16QAM	12	0	22.49	22.33	22.44	23.00
5	16QAM	12	7	22.15	22.03	22.17	23.00
5	16QAM	12	13	21.89	22.04	21.81	23.00
5	16QAM	25	0	22.28	22.10	22.06	22.70
5	64QAM	1	0	22.03	22.41	22.43	22.70
5	64QAM	1	12	22.42	22.22	22.24	22.70
5	64QAM	1	24	21.73	21.91	21.50	22.70
5	64QAM	12	0	21.83	21.45	21.42	22.30
5	64QAM	12	7	21.07	21.08	21.08	22.30
5	64QAM	12	13	20.84	21.02	20.88	22.30
5	64QAM	25	0	21.11	21.07	21.15	22.30
5	256QAM	1	0	19.23	19.21	19.44	20.30
5	256QAM	1	12	19.17	18.63	19.08	20.30

5	256QAM	1	24	19.31	19.35	19.28	20.30
5	256QAM	12	0	19.46	19.36	19.41	20.30
5	256QAM	12	7	19.26	19.04	19.02	20.30
5	256QAM	12	13	18.93	18.99	18.78	20.30
5	256QAM	25	0	19.16	19.19	19.25	20.30

【LTE Band 71_Ant 1_Index 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	18.73	18.72	18.56	18.80
20	QPSK	1	49	18.64	18.19	18.47	18.80
20	QPSK	1	99	18.18	18.31	18.04	18.80
20	QPSK	50	0	18.71	18.63	18.70	18.80
20	QPSK	50	24	18.53	18.43	18.35	18.80
20	QPSK	50	50	18.33	18.38	18.11	18.80
20	QPSK	100	0	18.56	18.53	18.50	18.80
20	16QAM	1	0	18.68	18.67	18.64	18.80
20	16QAM	1	49	18.61	18.68	18.62	18.80
20	16QAM	1	99	18.37	18.54	18.18	18.80
20	16QAM	50	0	18.69	18.65	18.63	18.80
20	16QAM	50	24	18.48	18.43	18.52	18.80
20	16QAM	50	50	18.31	18.28	18.30	18.80
20	16QAM	100	0	18.65	18.48	18.45	18.80
20	64QAM	1	0	18.58	18.71	18.65	18.80
20	64QAM	1	49	18.51	18.41	18.64	18.80
20	64QAM	1	99	18.13	18.60	18.42	18.80
20	64QAM	50	0	18.62	18.61	18.62	18.80
20	64QAM	50	24	18.48	18.61	18.41	18.80
20	64QAM	50	50	18.39	18.33	18.24	18.80
20	64QAM	100	0	18.50	18.46	18.45	18.80
20	256QAM	1	0	18.60	18.63	18.26	18.80
20	256QAM	1	49	18.47	17.99	18.30	18.80
20	256QAM	1	99	18.14	18.17	17.91	18.80
20	256QAM	50	0	18.71	18.67	18.63	18.80
20	256QAM	50	24	18.56	18.41	18.46	18.80
20	256QAM	50	50	18.29	18.35	18.22	18.80
20	256QAM	100	0	18.63	18.56	18.51	18.80
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	18.60	18.64	18.52	18.80
15	QPSK	1	37	18.58	18.04	18.38	18.80
15	QPSK	1	74	18.10	18.17	17.96	18.80
15	QPSK	36	0	18.68	18.61	18.58	18.80
15	QPSK	36	20	18.51	18.38	18.20	18.80
15	QPSK	36	39	18.20	18.33	17.98	18.80
15	QPSK	75	0	18.51	18.45	18.40	18.80
15	16QAM	1	0	18.59	18.57	18.56	18.80
15	16QAM	1	37	18.59	18.53	18.52	18.80
15	16QAM	1	74	18.34	18.51	18.06	18.80
15	16QAM	36	0	18.56	18.54	18.49	18.80
15	16QAM	36	20	18.35	18.35	18.42	18.80
15	16QAM	36	39	18.25	18.18	18.23	18.80
15	16QAM	75	0	18.58	18.37	18.33	18.80
15	64QAM	1	0	18.55	18.64	18.62	18.80
15	64QAM	1	37	18.43	18.33	18.53	18.80
15	64QAM	1	74	18.10	18.55	18.30	18.80
15	64QAM	36	0	18.49	18.58	18.58	18.80
15	64QAM	36	20	18.37	18.60	18.33	18.80
15	64QAM	36	39	18.32	18.21	18.18	18.80
15	64QAM	75	0	18.36	18.38	18.30	18.80
15	256QAM	1	0	18.47	18.52	18.15	18.80
15	256QAM	1	37	18.36	17.93	18.25	18.80
15	256QAM	1	74	18.13	18.06	17.83	18.80
15	256QAM	36	0	18.67	18.61	18.56	18.80
15	256QAM	36	20	18.46	18.27	18.37	18.80
15	256QAM	36	39	18.17	18.22	18.18	18.80
15	256QAM	75	0	18.54	18.48	18.38	18.80
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	18.59	18.58	18.51	18.80
10	QPSK	1	25	18.50	18.11	18.33	18.80
10	QPSK	1	49	18.08	18.21	17.95	18.80
10	QPSK	25	0	18.69	18.54	18.56	18.80
10	QPSK	25	12	18.40	18.36	18.21	18.80



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10	QPSK	25	25	18.27	18.35	18.00	18.80
10	QPSK	50	0	18.54	18.42	18.36	18.80
10	16QAM	1	0	18.56	18.53	18.55	18.80
10	16QAM	1	25	18.51	18.60	18.58	18.80
10	16QAM	1	49	18.32	18.51	18.15	18.80
10	16QAM	25	0	18.61	18.53	18.60	18.80
10	16QAM	25	12	18.46	18.38	18.42	18.80
10	16QAM	25	25	18.16	18.22	18.23	18.80
10	16QAM	50	0	18.60	18.41	18.38	18.80
10	64QAM	1	0	18.56	18.68	18.50	18.80
10	64QAM	1	25	18.41	18.34	18.51	18.80
10	64QAM	1	49	18.08	18.55	18.31	18.80
10	64QAM	25	0	18.56	18.47	18.56	18.80
10	64QAM	25	12	18.36	18.54	18.33	18.80
10	64QAM	25	25	18.32	18.23	18.20	18.80
10	64QAM	50	0	18.44	18.44	18.32	18.80
10	256QAM	1	0	18.45	18.59	18.23	18.80
10	256QAM	1	25	18.44	17.86	18.19	18.80
10	256QAM	1	49	18.08	18.03	17.82	18.80
10	256QAM	25	0	18.69	18.66	18.60	18.80
10	256QAM	25	12	18.47	18.34	18.42	18.80
10	256QAM	25	25	18.26	18.27	18.09	18.80
10	256QAM	50	0	18.49	18.50	18.37	18.80
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	18.63	18.59	18.53	18.80
5	QPSK	1	12	18.58	18.10	18.34	18.80
5	QPSK	1	24	18.14	18.17	17.99	18.80
5	QPSK	12	0	18.57	18.50	18.61	18.80
5	QPSK	12	7	18.47	18.39	18.25	18.80
5	QPSK	12	13	18.30	18.32	18.05	18.80
5	QPSK	25	0	18.50	18.46	18.48	18.80
5	16QAM	1	0	18.66	18.60	18.49	18.80
5	16QAM	1	12	18.60	18.63	18.51	18.80
5	16QAM	1	24	18.23	18.51	18.12	18.80
5	16QAM	12	0	18.65	18.60	18.56	18.80
5	16QAM	12	7	18.43	18.39	18.49	18.80
5	16QAM	12	13	18.23	18.21	18.20	18.80
5	16QAM	25	0	18.55	18.40	18.30	18.80
5	64QAM	1	0	18.57	18.68	18.60	18.80
5	64QAM	1	12	18.44	18.33	18.54	18.80
5	64QAM	1	24	18.02	18.53	18.29	18.80
5	64QAM	12	0	18.50	18.49	18.50	18.80
5	64QAM	12	7	18.38	18.50	18.30	18.80
5	64QAM	12	13	18.33	18.24	18.12	18.80
5	64QAM	25	0	18.35	18.34	18.38	18.80
5	256QAM	1	0	18.47	18.60	18.18	18.80
5	256QAM	1	12	18.43	17.92	18.28	18.80
5	256QAM	1	24	18.12	18.08	17.77	18.80
5	256QAM	12	0	18.59	18.53	18.53	18.80
5	256QAM	12	7	18.53	18.35	18.35	18.80
5	256QAM	12	13	18.26	18.34	18.13	18.80
5	256QAM	25	0	18.50	18.52	18.37	18.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.73	23.76	23.86	24.90
20	QPSK	1	49	23.36	23.49	23.39	24.90
20	QPSK	1	99	23.36	23.40	23.42	24.90
20	QPSK	50	0	23.11	23.15	23.24	24.30
20	QPSK	50	24	23.11	23.04	23.02	24.30
20	QPSK	50	50	22.93	22.92	23.00	24.30
20	QPSK	100	0	23.03	23.10	23.03	24.30
20	16QAM	1	0	23.24	23.78	23.57	24.30
20	16QAM	1	49	22.93	23.12	23.19	24.30
20	16QAM	1	99	23.10	23.20	23.03	24.30
20	16QAM	50	0	22.06	22.15	22.00	23.30
20	16QAM	50	24	21.97	22.00	22.07	23.30
20	16QAM	50	50	21.92	21.88	21.86	23.30
20	16QAM	100	0	21.96	22.04	21.91	23.30
20	64QAM	1	0	22.26	22.11	22.53	23.30
20	64QAM	1	49	22.44	22.38	22.27	23.30
20	64QAM	1	99	22.22	22.11	21.97	23.30

20	64QAM	50	0	21.20	21.17	21.12	22.30
20	64QAM	50	24	21.00	21.08	21.03	22.30
20	64QAM	50	50	20.97	20.99	20.87	22.30
20	64QAM	100	0	21.01	21.10	21.00	22.30
20	256QAM	1	0	19.21	19.18	19.26	20.30
20	256QAM	1	49	19.08	18.97	19.08	20.30
20	256QAM	1	99	19.14	19.02	18.99	20.30
20	256QAM	50	0	19.27	19.19	19.22	20.30
20	256QAM	50	24	19.13	19.11	19.11	20.30
20	256QAM	50	50	19.08	19.08	18.99	20.30
20	256QAM	100	0	19.17	19.18	19.11	20.30
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.82	23.85	23.85	24.90
15	QPSK	1	37	23.52	23.59	23.54	24.90
15	QPSK	1	74	23.56	23.60	23.50	24.90
15	QPSK	36	0	23.19	23.18	23.09	24.30
15	QPSK	36	20	23.09	23.16	23.03	24.30
15	QPSK	36	39	23.06	23.09	22.99	24.30
15	QPSK	75	0	23.10	23.16	23.08	24.30
15	16QAM	1	0	23.45	23.48	23.51	24.30
15	16QAM	1	37	23.38	23.49	23.34	24.30
15	16QAM	1	74	23.28	23.08	23.14	24.30
15	16QAM	36	0	22.16	22.15	22.13	23.30
15	16QAM	36	20	22.07	22.08	22.03	23.30
15	16QAM	36	39	22.01	22.00	21.98	23.30
15	16QAM	75	0	22.09	22.09	22.05	23.30
15	64QAM	1	0	22.26	22.39	22.41	23.30
15	64QAM	1	37	22.32	22.21	22.22	23.30
15	64QAM	1	74	22.15	22.23	22.05	23.30
15	64QAM	36	0	21.19	21.22	21.17	22.30
15	64QAM	36	20	21.16	21.11	21.03	22.30
15	64QAM	36	39	21.03	21.02	21.01	22.30
15	64QAM	75	0	21.08	21.13	21.07	22.30
15	256QAM	1	0	19.30	19.34	19.39	20.30
15	256QAM	1	37	18.99	18.92	18.94	20.30
15	256QAM	1	74	19.13	19.14	19.03	20.30
15	256QAM	36	0	19.21	19.23	19.15	20.30
15	256QAM	36	20	19.10	19.12	19.09	20.30
15	256QAM	36	39	19.02	19.08	19.03	20.30
15	256QAM	75	0	19.05	19.15	19.07	20.30
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.82	23.74	23.85	24.90
10	QPSK	1	25	23.73	23.73	23.70	24.90
10	QPSK	1	49	23.64	23.63	23.55	24.90
10	QPSK	25	0	23.17	23.16	23.20	24.30
10	QPSK	25	12	23.10	23.13	23.13	24.30
10	QPSK	25	25	23.10	23.07	23.11	24.30
10	QPSK	50	0	23.15	23.10	23.08	24.30
10	16QAM	1	0	23.24	23.36	23.37	24.30
10	16QAM	1	25	23.25	23.33	23.33	24.30
10	16QAM	1	49	23.33	23.24	23.13	24.30
10	16QAM	25	0	22.17	22.17	22.17	23.30
10	16QAM	25	12	22.14	22.15	22.09	23.30
10	16QAM	25	25	22.10	22.07	22.09	23.30
10	16QAM	50	0	22.13	22.10	22.13	23.30
10	64QAM	1	0	22.31	22.32	22.40	23.30
10	64QAM	1	25	22.31	22.10	22.27	23.30
10	64QAM	1	49	22.12	22.10	22.20	23.30
10	64QAM	25	0	21.16	21.16	21.18	22.30
10	64QAM	25	12	21.09	21.10	21.12	22.30
10	64QAM	25	25	21.09	21.06	21.07	22.30
10	64QAM	50	0	21.16	21.14	21.15	22.30
10	256QAM	1	0	19.31	19.38	19.42	20.30
10	256QAM	1	25	19.14	19.15	19.11	20.30
10	256QAM	1	49	19.12	19.13	19.09	20.30
10	256QAM	25	0	19.17	19.15	19.21	20.30
10	256QAM	25	12	19.15	19.10	19.15	20.30
10	256QAM	25	25	19.09	19.05	19.05	20.30
10	256QAM	50	0	19.15	19.13	19.10	20.30
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.79	23.85	23.77	24.90
5	QPSK	1	12	23.69	23.73	23.66	24.90
5	QPSK	1	24	23.73	23.73	23.63	24.90
5	QPSK	12	0	23.10	23.17	23.08	24.30
5	QPSK	12	7	23.07	23.13	23.10	24.30

5	QPSK	12	13	23.10	23.07	23.04	24.30
5	QPSK	25	0	23.13	23.11	23.07	24.30
5	16QAM	1	0	23.38	23.47	23.51	24.30
5	16QAM	1	12	23.40	23.47	23.31	24.30
5	16QAM	1	24	23.26	23.41	23.19	24.30
5	16QAM	12	0	22.09	22.09	22.10	23.30
5	16QAM	12	7	22.09	22.15	22.07	23.30
5	16QAM	12	13	22.06	22.07	21.98	23.30
5	16QAM	25	0	22.08	22.08	22.03	23.30
5	64QAM	1	0	22.19	22.14	22.17	23.30
5	64QAM	1	12	22.24	22.21	22.23	23.30
5	64QAM	1	24	22.22	22.19	22.09	23.30
5	64QAM	12	0	21.09	21.18	21.17	22.30
5	64QAM	12	7	21.13	21.13	21.12	22.30
5	64QAM	12	13	21.16	21.11	21.09	22.30
5	64QAM	25	0	21.13	21.15	21.10	22.30
5	256QAM	1	0	19.24	19.22	19.27	20.30
5	256QAM	1	12	19.07	19.04	19.00	20.30
5	256QAM	1	24	19.22	19.21	19.18	20.30
5	256QAM	12	0	19.13	19.13	19.15	20.30
5	256QAM	12	7	19.10	19.13	19.10	20.30
5	256QAM	12	13	19.16	19.14	19.05	20.30
5	256QAM	25	0	19.09	19.13	19.11	20.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.73	23.76	23.86	25.30
20	QPSK	1	49	23.36	23.49	23.39	25.30
20	QPSK	1	99	23.36	23.40	23.42	25.30
20	QPSK	50	0	23.11	23.15	23.24	24.70
20	QPSK	50	24	23.11	23.04	23.02	24.70
20	QPSK	50	50	22.93	22.92	23.00	24.70
20	QPSK	100	0	23.03	23.10	23.03	24.70
20	16QAM	1	0	23.24	23.78	23.57	24.70
20	16QAM	1	49	22.93	23.12	23.19	24.70
20	16QAM	1	99	23.10	23.20	23.03	24.70
20	16QAM	50	0	22.06	22.15	22.00	23.70
20	16QAM	50	24	21.97	22.00	22.07	23.70
20	16QAM	50	50	21.92	21.88	21.86	23.70
20	16QAM	100	0	21.96	22.04	21.91	23.70
20	64QAM	1	0	22.26	22.11	22.53	23.70
20	64QAM	1	49	22.44	22.38	22.27	23.70
20	64QAM	1	99	22.22	22.11	21.97	23.70
20	64QAM	50	0	21.20	21.17	21.12	22.70
20	64QAM	50	24	21.00	21.08	21.03	22.70
20	64QAM	50	50	20.97	20.99	20.87	22.70
20	64QAM	100	0	21.01	21.10	21.00	22.70
20	256QAM	1	0	19.21	19.18	19.26	20.70
20	256QAM	1	49	19.08	18.97	19.08	20.70
20	256QAM	1	99	19.14	19.02	18.99	20.70
20	256QAM	50	0	19.27	19.19	19.22	20.70
20	256QAM	50	24	19.13	19.11	19.11	20.70
20	256QAM	50	50	19.08	19.08	18.99	20.70
20	256QAM	100	0	19.17	19.18	19.11	20.70
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.82	23.85	23.85	25.30
15	QPSK	1	37	23.52	23.59	23.54	25.30
15	QPSK	1	74	23.56	23.60	23.50	25.30
15	QPSK	36	0	23.19	23.18	23.09	24.70
15	QPSK	36	20	23.09	23.16	23.03	24.70
15	QPSK	36	39	23.06	23.09	22.99	24.70
15	QPSK	75	0	23.10	23.16	23.08	24.70
15	16QAM	1	0	23.45	23.48	23.51	24.70
15	16QAM	1	37	23.38	23.49	23.34	24.70
15	16QAM	1	74	23.28	23.08	23.14	24.70
15	16QAM	36	0	22.16	22.15	22.13	23.70
15	16QAM	36	20	22.07	22.08	22.03	23.70
15	16QAM	36	39	22.01	22.00	21.98	23.70
15	16QAM	75	0	22.09	22.09	22.05	23.70
15	64QAM	1	0	22.26	22.39	22.41	23.70
15	64QAM	1	37	22.32	22.21	22.22	23.70
15	64QAM	1	74	22.15	22.23	22.05	23.70



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15	64QAM	36	0	21.19	21.22	21.17	22.70
15	64QAM	36	20	21.16	21.11	21.03	22.70
15	64QAM	36	39	21.03	21.02	21.01	22.70
15	64QAM	75	0	21.08	21.13	21.07	22.70
15	256QAM	1	0	19.30	19.34	19.39	20.70
15	256QAM	1	37	18.99	18.92	18.94	20.70
15	256QAM	1	74	19.13	19.14	19.03	20.70
15	256QAM	36	0	19.21	19.23	19.15	20.70
15	256QAM	36	20	19.10	19.12	19.09	20.70
15	256QAM	36	39	19.02	19.08	19.03	20.70
15	256QAM	75	0	19.05	19.15	19.07	20.70
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.82	23.74	23.85	25.30
10	QPSK	1	25	23.73	23.73	23.70	25.30
10	QPSK	1	49	23.64	23.63	23.55	25.30
10	QPSK	25	0	23.17	23.16	23.20	24.70
10	QPSK	25	12	23.10	23.13	23.13	24.70
10	QPSK	25	25	23.10	23.07	23.11	24.70
10	QPSK	50	0	23.15	23.10	23.08	24.70
10	16QAM	1	0	23.24	23.36	23.37	24.70
10	16QAM	1	25	23.25	23.33	23.33	24.70
10	16QAM	1	49	23.33	23.24	23.13	24.70
10	16QAM	25	0	22.17	22.17	22.17	23.70
10	16QAM	25	12	22.14	22.15	22.09	23.70
10	16QAM	25	25	22.10	22.07	22.09	23.70
10	16QAM	50	0	22.13	22.10	22.13	23.70
10	64QAM	1	0	22.31	22.32	22.40	23.70
10	64QAM	1	25	22.31	22.10	22.27	23.70
10	64QAM	1	49	22.12	22.10	22.20	23.70
10	64QAM	25	0	21.16	21.16	21.18	22.70
10	64QAM	25	12	21.09	21.10	21.12	22.70
10	64QAM	25	25	21.09	21.06	21.07	22.70
10	64QAM	50	0	21.16	21.14	21.15	22.70
10	256QAM	1	0	19.31	19.38	19.42	20.70
10	256QAM	1	25	19.14	19.15	19.11	20.70
10	256QAM	1	49	19.12	19.13	19.09	20.70
10	256QAM	25	0	19.17	19.15	19.21	20.70
10	256QAM	25	12	19.15	19.10	19.15	20.70
10	256QAM	25	25	19.09	19.05	19.05	20.70
10	256QAM	50	0	19.15	19.13	19.10	20.70
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.79	23.85	23.77	25.30
5	QPSK	1	12	23.69	23.73	23.66	25.30
5	QPSK	1	24	23.73	23.73	23.63	25.30
5	QPSK	12	0	23.10	23.17	23.08	24.70
5	QPSK	12	7	23.07	23.13	23.10	24.70
5	QPSK	12	13	23.10	23.07	23.04	24.70
5	QPSK	25	0	23.13	23.11	23.07	24.70
5	16QAM	1	0	23.38	23.47	23.51	24.70
5	16QAM	1	12	23.40	23.47	23.31	24.70
5	16QAM	1	24	23.26	23.41	23.19	24.70
5	16QAM	12	0	22.09	22.09	22.10	23.70
5	16QAM	12	7	22.09	22.15	22.07	23.70
5	16QAM	12	13	22.06	22.07	21.98	23.70
5	16QAM	25	0	22.08	22.08	22.03	23.70
5	64QAM	1	0	22.19	22.14	22.17	23.70
5	64QAM	1	12	22.24	22.21	22.23	23.70
5	64QAM	1	24	22.22	22.19	22.09	23.70
5	64QAM	12	0	21.09	21.18	21.17	22.70
5	64QAM	12	7	21.13	21.13	21.12	22.70
5	64QAM	12	13	21.16	21.11	21.09	22.70
5	64QAM	25	0	21.13	21.15	21.10	22.70
5	256QAM	1	0	19.24	19.22	19.27	20.70
5	256QAM	1	12	19.07	19.04	19.00	20.70
5	256QAM	1	24	19.22	19.21	19.18	20.70
5	256QAM	12	0	19.13	19.13	19.15	20.70
5	256QAM	12	7	19.10	19.13	19.10	20.70
5	256QAM	12	13	19.16	19.14	19.05	20.70
5	256QAM	25	0	19.09	19.13	19.11	20.70

<Non-terrestrial Network Note>
General Note:

1. Due to test setup limitations, SAR testing for Non-terrestrial Network was performed using Factory Test Mode software to establish the connection.

Band 23_Ant 5_Index 1

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				25501	25600	25699	
Frequency (MHz)				2000.1	2010	2019.9	
3.75	BPSK	1	0	21.86	21.90	21.87	
3.75	BPSK	1	46	21.84	21.87	21.82	23.4
3.75	QPSK	1	0	21.85	21.89	21.86	
3.75	QPSK	1	46	21.84	21.87	21.82	
15	BPSK	1	0	21.93	21.96	21.99	
15	BPSK	1	10	21.90	21.95	21.97	
15	QPSK	1	0	21.92	21.95	21.97	
15	QPSK	1	10	21.91	21.94	21.95	
15	QPSK	12	0	20.75	20.73	20.75	21.4

Band 23_Ant 5_Index 5

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				25501	25600	25699	
Frequency (MHz)				2000.1	2010	2019.9	
3.75	BPSK	1	0	18.47	18.50	18.52	
3.75	BPSK	1	46	18.46	18.48	18.51	19
3.75	QPSK	1	0	18.45	18.50	18.48	
3.75	QPSK	1	46	18.44	18.47	18.47	
15	BPSK	1	0	18.55	18.56	18.58	
15	BPSK	1	10	18.52	18.55	18.54	
15	QPSK	1	0	18.53	18.55	18.57	
15	QPSK	1	10	18.51	18.52	18.56	
15	QPSK	12	0	18.54	18.53	18.55	19

Band 255_Ant 5_Index 1

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				261505	261674	261843	
Frequency (MHz)				1626.6	1643.5	1660.4	
3.75	BPSK	1	0	22.27	22.15	22.20	
3.75	BPSK	1	46	22.25	22.11	22.18	23.4
3.75	QPSK	1	0	22.26	22.14	22.18	
3.75	QPSK	1	46	22.23	22.13	22.17	
15	BPSK	1	0	22.49	22.28	22.38	
15	BPSK	1	10	22.42	22.23	22.33	
15	QPSK	1	0	22.46	22.25	22.37	
15	QPSK	1	10	22.44	22.22	22.35	
15	QPSK	12	0	21.06	20.98	20.97	21.4

Band 255_Ant 5_Index 5

Sub-carrier Spacing (KHz)	Modulation	SC Size	SC Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				261505	261674	261843	
Frequency (MHz)				1626.6	1643.5	1660.4	
3.75	BPSK	1	0	18.79	18.67	18.72	
3.75	BPSK	1	46	18.77	18.66	18.71	19.4
3.75	QPSK	1	0	18.78	18.66	18.67	
3.75	QPSK	1	46	18.75	18.65	18.69	
15	BPSK	1	0	18.91	18.75	18.80	
15	BPSK	1	10	18.86	18.70	18.75	
15	QPSK	1	0	18.90	18.67	18.80	
15	QPSK	1	10	18.84	18.65	18.77	
15	QPSK	12	0	18.86	18.79	18.77	19.4