



Appendix D. Output Power Measurement

<LTE Band 2 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.49	24.62	24.73	25
20	QPSK	1	49	24.45	24.56	23.99	
20	QPSK	1	99	24.38	24.60	24.00	
20	QPSK	50	0	23.51	23.59	23.32	24
20	QPSK	50	24	23.57	23.60	23.45	
20	QPSK	50	50	23.72	23.74	23.58	
20	QPSK	100	0	23.67	23.66	23.29	24
20	16QAM	1	0	23.69	23.87	23.99	
20	16QAM	1	49	23.54	23.92	23.29	
20	16QAM	1	99	23.33	23.71	23.32	23
20	16QAM	50	0	22.60	22.65	22.53	
20	16QAM	50	24	22.69	22.75	22.56	
20	16QAM	50	50	22.71	22.75	22.46	23
20	16QAM	100	0	22.69	22.61	22.46	
20	64QAM	1	0	22.48	22.15	22.27	
20	64QAM	1	49	21.95	22.33	21.73	23
20	64QAM	1	99	21.72	22.02	21.75	
20	64QAM	50	0	21.19	20.84	20.64	22
20	64QAM	50	24	21.08	21.14	20.55	
20	64QAM	50	50	20.74	21.18	20.53	
20	64QAM	100	0	20.84	20.98	20.52	20.5
20	256QAM	1	0	20.20	20.08	20.07	
20	256QAM	1	49	20.17	20.19	20.02	
20	256QAM	1	99	20.11	20.10	20.08	20.5
20	256QAM	50	0	20.07	19.98	19.94	
20	256QAM	50	24	20.10	20.05	20.06	
20	256QAM	50	50	20.15	20.12	20.03	20.5
20	256QAM	100	0	19.92	19.94	20.02	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.43	24.61	24.71	25
15	QPSK	1	37	24.44	24.46	23.90	
15	QPSK	1	74	24.37	24.58	23.90	
15	QPSK	36	0	23.47	23.56	23.26	24
15	QPSK	36	20	23.52	23.59	23.39	
15	QPSK	36	39	23.64	23.73	23.48	
15	QPSK	75	0	23.61	23.60	23.24	24
15	16QAM	1	0	23.65	23.87	23.89	
15	16QAM	1	37	23.49	23.87	23.23	
15	16QAM	1	74	23.30	23.62	23.26	23
15	16QAM	36	0	22.54	22.60	22.47	
15	16QAM	36	20	22.67	22.73	22.56	
15	16QAM	36	39	22.70	22.74	22.42	23
15	16QAM	75	0	22.68	22.55	22.45	
15	64QAM	1	0	22.41	22.12	22.18	
15	64QAM	1	37	21.90	22.26	21.68	22
15	64QAM	1	74	21.62	21.95	21.68	
15	64QAM	36	0	21.09	20.78	20.64	
15	64QAM	36	20	20.98	21.04	20.54	20.5
15	64QAM	36	39	20.67	21.13	20.49	
15	64QAM	75	0	20.78	20.95	20.51	
15	256QAM	1	0	19.93	19.82	19.81	20.5
15	256QAM	1	37	19.96	19.92	19.76	
15	256QAM	1	74	19.86	19.83	19.81	
15	256QAM	36	0	19.81	19.71	19.73	20.5



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15	256QAM	36	20	19.84	19.84	19.79	
15	256QAM	36	39	19.88	19.91	19.81	
15	256QAM	75	0	19.68	19.73	19.74	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.46	24.56	24.65	25
10	QPSK	1	25	24.39	24.50	23.94	
10	QPSK	1	49	24.36	24.52	23.95	
10	QPSK	25	0	23.49	23.50	23.30	24
10	QPSK	25	12	23.56	23.53	23.45	
10	QPSK	25	25	23.65	23.65	23.56	
10	QPSK	50	0	23.57	23.62	23.19	24
10	16QAM	1	0	23.65	23.82	23.99	
10	16QAM	1	25	23.47	23.91	23.19	
10	16QAM	1	49	23.24	23.67	23.22	23
10	16QAM	25	0	22.57	22.64	22.51	
10	16QAM	25	12	22.62	22.75	22.51	
10	16QAM	25	25	22.71	22.69	22.42	23
10	16QAM	50	0	22.66	22.55	22.40	
10	64QAM	1	0	22.40	22.06	22.21	
10	64QAM	1	25	21.88	22.23	21.66	22
10	64QAM	1	49	21.63	21.96	21.66	
10	64QAM	25	0	21.19	20.81	20.60	
10	64QAM	25	12	20.99	21.07	20.51	20.5
10	64QAM	25	25	20.67	21.10	20.50	
10	64QAM	50	0	20.77	20.94	20.44	
10	256QAM	1	0	19.94	19.85	19.87	20.5
10	256QAM	1	25	19.93	19.91	19.76	
10	256QAM	1	49	19.85	19.90	19.86	
10	256QAM	25	0	19.85	19.72	19.66	20.5
10	256QAM	25	12	19.86	19.76	19.79	
10	256QAM	25	25	19.85	19.92	19.81	
10	256QAM	50	0	19.72	19.73	19.81	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.39	24.60	24.69	25
5	QPSK	1	12	24.44	24.46	23.99	
5	QPSK	1	24	24.36	24.55	23.90	
5	QPSK	12	0	23.45	23.57	23.22	24
5	QPSK	12	7	23.52	23.50	23.35	
5	QPSK	12	13	23.63	23.65	23.53	
5	QPSK	25	0	23.63	23.61	23.28	24
5	16QAM	1	0	23.64	23.77	23.95	
5	16QAM	1	12	23.44	23.89	23.20	
5	16QAM	1	24	23.29	23.61	23.24	23
5	16QAM	12	0	22.58	22.61	22.52	
5	16QAM	12	7	22.64	22.70	22.52	
5	16QAM	12	13	22.63	22.73	22.41	23
5	16QAM	25	0	22.67	22.55	22.42	
5	64QAM	1	0	22.47	22.10	22.25	
5	64QAM	1	12	21.93	22.28	21.72	22
5	64QAM	1	24	21.66	22.01	21.71	
5	64QAM	12	0	21.15	20.77	20.58	
5	64QAM	12	7	21.06	21.05	20.52	20.5
5	64QAM	12	13	20.67	21.17	20.52	
5	64QAM	25	0	20.84	20.96	20.42	
5	256QAM	1	0	19.91	19.83	19.87	20.5
5	256QAM	1	12	19.94	19.96	19.78	
5	256QAM	1	24	19.86	19.81	19.87	
5	256QAM	12	0	19.79	19.72	19.67	20.5
5	256QAM	12	7	19.80	19.84	19.77	
5	256QAM	12	13	19.92	19.86	19.83	



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5	256QAM	25	0	19.64	19.70	19.80	
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.45	24.57	24.67	25
3	QPSK	1	8	24.45	24.53	23.91	
3	QPSK	1	14	24.28	24.59	24.00	
3	QPSK	8	0	23.43	23.59	23.23	24
3	QPSK	8	4	23.54	23.54	23.40	
3	QPSK	8	7	23.64	23.73	23.57	
3	QPSK	15	0	23.62	23.61	23.20	24
3	16QAM	1	0	23.64	23.78	23.96	
3	16QAM	1	8	23.45	23.90	23.21	
3	16QAM	1	14	23.31	23.69	23.30	23
3	16QAM	8	0	22.52	22.55	22.44	
3	16QAM	8	4	22.61	22.71	22.46	
3	16QAM	8	7	22.70	22.68	22.46	23
3	16QAM	15	0	22.62	22.57	22.45	
3	64QAM	1	0	22.39	22.06	22.20	23
3	64QAM	1	8	21.95	22.30	21.66	
3	64QAM	1	14	21.64	21.92	21.65	
3	64QAM	8	0	21.19	20.79	20.59	22
3	64QAM	8	4	21.00	21.07	20.52	
3	64QAM	8	7	20.74	21.18	20.45	
3	64QAM	15	0	20.82	20.91	20.49	20.5
3	256QAM	1	0	19.95	19.80	19.79	
3	256QAM	1	8	19.94	19.99	19.75	
3	256QAM	1	14	19.86	19.84	19.84	20.5
3	256QAM	8	0	19.78	19.74	19.70	
3	256QAM	8	4	19.89	19.79	19.84	
3	256QAM	8	7	19.89	19.92	19.77	20.5
3	256QAM	15	0	19.62	19.71	19.76	
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.54	24.48	24.18	25
1.4	QPSK	1	3	24.63	24.56	24.17	
1.4	QPSK	1	5	24.54	24.50	24.06	
1.4	QPSK	3	0	24.54	24.50	24.21	24
1.4	QPSK	3	1	24.66	24.59	24.21	
1.4	QPSK	3	3	24.60	24.54	24.13	
1.4	QPSK	6	0	23.67	23.61	23.25	24
1.4	16QAM	1	0	23.83	23.77	23.39	
1.4	16QAM	1	3	23.97	23.81	23.41	
1.4	16QAM	1	5	23.76	23.78	23.33	24
1.4	16QAM	3	0	23.70	23.68	23.34	
1.4	16QAM	3	1	23.74	23.75	23.35	
1.4	16QAM	3	3	23.70	23.63	23.27	23
1.4	16QAM	6	0	22.65	22.62	22.35	
1.4	64QAM	1	0	22.57	22.20	21.45	
1.4	64QAM	1	3	22.57	22.34	21.48	23
1.4	64QAM	1	5	22.52	22.28	21.37	
1.4	64QAM	3	0	22.49	22.23	21.46	
1.4	64QAM	3	1	22.55	22.29	21.51	22
1.4	64QAM	3	3	22.48	22.24	21.39	
1.4	64QAM	6	0	21.53	21.27	20.52	
1.4	256QAM	1	0	19.71	19.65	19.58	20.5
1.4	256QAM	1	3	19.53	19.49	19.34	
1.4	256QAM	1	5	19.40	19.44	19.36	
1.4	256QAM	3	0	19.30	19.33	19.27	20.5
1.4	256QAM	3	1	19.46	19.34	19.34	
1.4	256QAM	3	3	19.42	19.45	19.37	
1.4	256QAM	6	0	19.21	19.24	19.32	20.5



<LTE Band 2 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.81	19.77	19.80	20
20	QPSK	1	49	19.77	19.76	19.75	
20	QPSK	1	99	19.68	19.72	19.68	
20	QPSK	50	0	19.87	19.84	19.84	20
20	QPSK	50	24	19.93	19.90	19.89	
20	QPSK	50	50	19.88	19.86	19.81	
20	QPSK	100	0	19.92	19.89	19.85	20
20	16QAM	1	0	19.90	19.91	19.82	
20	16QAM	1	49	19.86	19.84	19.83	
20	16QAM	1	99	19.79	19.79	19.82	20
20	16QAM	50	0	19.64	19.63	19.63	
20	16QAM	50	24	19.71	19.71	19.63	
20	16QAM	50	50	19.64	19.65	19.65	20
20	16QAM	100	0	19.68	19.66	19.61	
20	64QAM	1	0	19.79	19.78	19.73	
20	64QAM	1	49	19.76	19.74	19.76	20
20	64QAM	1	99	19.69	19.75	19.72	
20	64QAM	50	0	19.66	19.64	19.63	
20	64QAM	50	24	19.72	19.72	19.63	20
20	64QAM	50	50	19.66	19.67	19.67	
20	64QAM	100	0	19.70	19.68	19.61	
20	256QAM	1	0	19.86	19.70	19.70	20
20	256QAM	1	49	19.89	19.90	19.82	
20	256QAM	1	99	19.71	19.87	19.76	
20	256QAM	50	0	19.79	19.76	19.67	20
20	256QAM	50	24	19.86	19.80	19.76	
20	256QAM	50	50	19.85	19.81	19.80	
20	256QAM	100	0	19.66	19.68	19.64	Tune-up limit (dBm)
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.80	19.77	19.79	20
15	QPSK	1	37	19.74	19.70	19.70	
15	QPSK	1	74	19.58	19.68	19.59	
15	QPSK	36	0	19.85	19.78	19.74	20
15	QPSK	36	20	19.83	19.84	19.87	
15	QPSK	36	39	19.84	19.85	19.80	
15	QPSK	75	0	19.89	19.84	19.83	20
15	16QAM	1	0	19.80	19.85	19.73	
15	16QAM	1	37	19.83	19.82	19.74	
15	16QAM	1	74	19.76	19.69	19.81	20
15	16QAM	36	0	19.59	19.53	19.57	
15	16QAM	36	20	19.66	19.70	19.55	
15	16QAM	36	39	19.54	19.63	19.55	20
15	16QAM	75	0	19.65	19.61	19.52	
15	64QAM	1	0	19.75	19.68	19.70	
15	64QAM	1	37	19.76	19.65	19.75	20
15	64QAM	1	74	19.62	19.67	19.71	
15	64QAM	36	0	19.60	19.62	19.58	
15	64QAM	36	20	19.72	19.71	19.63	20
15	64QAM	36	39	19.60	19.61	19.64	
15	64QAM	75	0	19.63	19.66	19.56	
15	256QAM	1	0	19.78	19.69	19.60	20
15	256QAM	1	37	19.87	19.85	19.76	
15	256QAM	1	74	19.70	19.87	19.68	
15	256QAM	36	0	19.70	19.66	19.61	20
15	256QAM	36	20	19.84	19.76	19.76	
15	256QAM	36	39	19.82	19.72	19.71	



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15	256QAM	75	0	19.62	19.64	19.56	
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.71	19.67	19.73	20
10	QPSK	1	25	19.71	19.72	19.71	
10	QPSK	1	49	19.58	19.69	19.68	
10	QPSK	25	0	19.87	19.78	19.81	20
10	QPSK	25	12	19.83	19.82	19.85	
10	QPSK	25	25	19.86	19.83	19.72	
10	QPSK	50	0	19.89	19.88	19.84	20
10	16QAM	1	0	19.82	19.90	19.79	
10	16QAM	1	25	19.77	19.79	19.79	
10	16QAM	1	49	19.71	19.78	19.79	20
10	16QAM	25	0	19.60	19.55	19.56	
10	16QAM	25	12	19.61	19.62	19.54	
10	16QAM	25	25	19.60	19.60	19.57	20
10	16QAM	50	0	19.65	19.60	19.53	
10	64QAM	1	0	19.75	19.68	19.66	
10	64QAM	1	25	19.66	19.71	19.72	20
10	64QAM	1	49	19.63	19.75	19.64	
10	64QAM	25	0	19.57	19.59	19.56	
10	64QAM	25	12	19.66	19.65	19.56	20
10	64QAM	25	25	19.56	19.64	19.61	
10	64QAM	50	0	19.69	19.60	19.51	
10	256QAM	1	0	19.79	19.70	19.70	20
10	256QAM	1	25	19.88	19.89	19.72	
10	256QAM	1	49	19.62	19.87	19.74	
10	256QAM	25	0	19.73	19.76	19.65	20
10	256QAM	25	12	19.82	19.75	19.67	
10	256QAM	25	25	19.80	19.73	19.74	
10	256QAM	50	0	19.65	19.63	19.55	
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.77	19.76	19.74	20
5	QPSK	1	12	19.74	19.75	19.71	
5	QPSK	1	24	19.58	19.65	19.64	
5	QPSK	12	0	19.87	19.75	19.80	20
5	QPSK	12	7	19.83	19.86	19.87	
5	QPSK	12	13	19.80	19.79	19.77	
5	QPSK	25	0	19.92	19.81	19.75	20
5	16QAM	1	0	19.83	19.90	19.81	
5	16QAM	1	12	19.85	19.75	19.78	
5	16QAM	1	24	19.71	19.70	19.80	20
5	16QAM	12	0	19.55	19.63	19.63	
5	16QAM	12	7	19.71	19.62	19.61	
5	16QAM	12	13	19.64	19.63	19.56	20
5	16QAM	25	0	19.66	19.58	19.61	
5	64QAM	1	0	19.75	19.78	19.73	
5	64QAM	1	12	19.68	19.66	19.68	20
5	64QAM	1	24	19.63	19.75	19.63	
5	64QAM	12	0	19.59	19.59	19.56	
5	64QAM	12	7	19.63	19.71	19.57	20
5	64QAM	12	13	19.65	19.60	19.63	
5	64QAM	25	0	19.60	19.64	19.54	
5	256QAM	1	0	19.76	19.70	19.65	20
5	256QAM	1	12	19.79	19.84	19.73	
5	256QAM	1	24	19.70	19.78	19.69	
5	256QAM	12	0	19.76	19.70	19.62	20
5	256QAM	12	7	19.85	19.76	19.69	
5	256QAM	12	13	19.79	19.76	19.73	
5	256QAM	25	0	19.66	19.59	19.58	
Channel				18615	18900	19185	Tune-up limit



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Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.77	19.71	19.80	20
3	QPSK	1	8	19.75	19.74	19.68	
3	QPSK	1	14	19.63	19.66	19.60	
3	QPSK	8	0	19.81	19.84	19.81	20
3	QPSK	8	4	19.85	19.82	19.83	
3	QPSK	8	7	19.85	19.81	19.80	
3	QPSK	15	0	19.87	19.81	19.84	20
3	16QAM	1	0	19.81	19.83	19.81	
3	16QAM	1	8	19.77	19.84	19.81	
3	16QAM	1	14	19.70	19.72	19.75	20
3	16QAM	8	0	19.62	19.63	19.61	
3	16QAM	8	4	19.70	19.70	19.63	
3	16QAM	8	7	19.60	19.57	19.64	20
3	16QAM	15	0	19.62	19.62	19.61	
3	64QAM	1	0	19.77	19.72	19.66	
3	64QAM	1	8	19.73	19.72	19.76	20
3	64QAM	1	14	19.61	19.66	19.70	
3	64QAM	8	0	19.57	19.58	19.55	
3	64QAM	8	4	19.67	19.66	19.55	20
3	64QAM	8	7	19.66	19.65	19.65	
3	64QAM	15	0	19.62	19.60	19.54	
3	256QAM	1	0	19.80	19.70	19.61	20
3	256QAM	1	8	19.89	19.85	19.72	
3	256QAM	1	14	19.69	19.78	19.73	
3	256QAM	8	0	19.69	19.72	19.66	20
3	256QAM	8	4	19.82	19.72	19.70	
3	256QAM	8	7	19.79	19.74	19.80	
3	256QAM	15	0	19.63	19.62	19.59	
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.52	19.44	19.17	20
1.4	QPSK	1	3	19.54	19.51	19.10	
1.4	QPSK	1	5	19.51	19.46	19.04	
1.4	QPSK	3	0	19.48	19.48	19.21	20
1.4	QPSK	3	1	19.58	19.57	19.20	
1.4	QPSK	3	3	19.56	19.46	19.13	
1.4	QPSK	6	0	19.67	19.58	19.23	20
1.4	16QAM	1	0	19.80	19.71	19.29	20
1.4	16QAM	1	3	19.91	19.78	19.36	
1.4	16QAM	1	5	19.68	19.75	19.32	
1.4	16QAM	3	0	19.63	19.59	19.32	20
1.4	16QAM	3	1	19.66	19.70	19.32	
1.4	16QAM	3	3	19.65	19.59	19.23	
1.4	16QAM	6	0	19.57	19.52	19.30	20
1.4	64QAM	1	0	19.52	19.12	18.44	20
1.4	64QAM	1	3	19.53	19.32	18.41	
1.4	64QAM	1	5	19.50	19.28	18.35	
1.4	64QAM	3	0	19.43	19.20	18.40	20
1.4	64QAM	3	1	19.53	19.26	18.46	
1.4	64QAM	3	3	19.42	19.20	18.36	
1.4	64QAM	6	0	19.43	19.21	18.48	20
1.4	256QAM	1	0	19.65	19.55	19.56	20
1.4	256QAM	1	3	19.48	19.41	19.30	
1.4	256QAM	1	5	19.38	19.35	19.26	
1.4	256QAM	3	0	19.25	19.32	19.23	20
1.4	256QAM	3	1	19.42	19.33	19.27	
1.4	256QAM	3	3	19.37	19.37	19.36	
1.4	256QAM	6	0	19.13	19.24	19.23	20



<LTE Band 4 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.85	24.70	23.46	25
20	QPSK	1	49	24.41	23.95	24.41	
20	QPSK	1	99	24.17	23.99	24.43	
20	QPSK	50	0	23.71	23.56	23.68	24
20	QPSK	50	24	23.61	23.02	23.28	
20	QPSK	50	50	23.52	22.87	23.49	
20	QPSK	100	0	23.52	23.29	23.59	24
20	16QAM	1	0	23.11	23.79	22.67	
20	16QAM	1	49	23.90	23.46	23.35	
20	16QAM	1	99	23.87	23.43	23.40	23
20	16QAM	50	0	22.57	22.65	22.38	
20	16QAM	50	24	22.68	22.21	22.63	
20	16QAM	50	50	22.64	22.10	22.55	23
20	16QAM	100	0	22.58	22.42	22.62	
20	64QAM	1	0	22.02	22.17	22.00	
20	64QAM	1	49	22.55	21.42	21.92	23
20	64QAM	1	99	21.79	21.33	22.65	
20	64QAM	50	0	20.80	20.69	20.57	
20	64QAM	50	24	21.24	20.25	21.04	22
20	64QAM	50	50	21.12	20.15	21.35	
20	64QAM	100	0	20.86	20.46	20.80	
20	256QAM	1	0	20.11	20.02	20.00	20.5
20	256QAM	1	49	20.07	20.15	20.01	
20	256QAM	1	99	20.02	20.05	20.08	
20	256QAM	50	0	20.02	19.90	19.91	20.5
20	256QAM	50	24	20.08	20.00	20.00	
20	256QAM	50	50	20.11	20.02	19.98	
20	256QAM	100	0	19.84	19.94	19.99	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.80	24.60	23.37	25
15	QPSK	1	37	24.32	23.91	24.37	
15	QPSK	1	74	24.12	23.98	24.42	
15	QPSK	36	0	23.67	23.50	23.68	24
15	QPSK	36	20	23.52	22.93	23.18	
15	QPSK	36	39	23.51	22.78	23.43	
15	QPSK	75	0	23.51	23.20	23.57	24
15	16QAM	1	0	23.06	23.71	22.60	
15	16QAM	1	37	23.81	23.36	23.32	
15	16QAM	1	74	23.78	23.34	23.35	23
15	16QAM	36	0	22.49	22.61	22.33	
15	16QAM	36	20	22.67	22.19	22.61	
15	16QAM	36	39	22.64	22.08	22.48	23
15	16QAM	75	0	22.48	22.34	22.52	
15	64QAM	1	0	22.03	22.16	22.04	
15	64QAM	1	37	22.49	21.39	21.88	22
15	64QAM	1	74	21.71	21.25	22.60	
15	64QAM	36	0	20.79	20.61	20.47	
15	64QAM	36	20	21.24	20.24	20.94	20.5
15	64QAM	36	39	21.04	20.05	21.33	
15	64QAM	75	0	20.84	20.41	20.79	
15	256QAM	1	0	20.03	19.99	19.96	20.5
15	256QAM	1	37	19.97	20.07	19.98	
15	256QAM	1	74	20.02	19.98	20.06	
15	256QAM	36	0	19.94	19.82	19.84	20.5
15	256QAM	36	20	20.05	19.90	19.99	
15	256QAM	36	39	20.06	19.98	19.94	



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15	256QAM	75	0	19.84	19.93	19.90	
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.76	24.61	23.41	25
10	QPSK	1	25	24.37	23.92	24.31	
10	QPSK	1	49	24.11	23.89	24.39	
10	QPSK	25	0	23.69	23.52	23.61	24
10	QPSK	25	12	23.61	23.01	23.19	
10	QPSK	25	25	23.49	22.80	23.39	
10	QPSK	50	0	23.48	23.26	23.58	24
10	16QAM	1	0	23.11	23.79	22.63	
10	16QAM	1	25	23.84	23.43	23.27	
10	16QAM	1	49	23.85	23.33	23.36	23
10	16QAM	25	0	22.53	22.58	22.28	
10	16QAM	25	12	22.68	22.16	22.53	
10	16QAM	25	25	22.57	22.07	22.53	23
10	16QAM	50	0	22.48	22.32	22.60	
10	64QAM	1	0	22.01	22.14	22.02	
10	64QAM	1	25	22.48	21.36	21.85	23
10	64QAM	1	49	21.76	21.27	22.59	
10	64QAM	25	0	20.72	20.68	20.53	22
10	64QAM	25	12	21.24	20.22	20.98	
10	64QAM	25	25	21.12	20.09	21.29	
10	64QAM	50	0	20.78	20.39	20.72	20.5
10	256QAM	1	0	20.06	19.95	19.99	
10	256QAM	1	25	20.06	20.14	19.97	
10	256QAM	1	49	20.02	20.05	20.04	20.5
10	256QAM	25	0	19.96	19.82	19.90	
10	256QAM	25	12	19.98	19.95	19.93	
10	256QAM	25	25	20.09	20.00	19.94	20.5
10	256QAM	50	0	19.81	19.90	19.90	
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.78	24.67	23.38	25
5	QPSK	1	12	24.32	23.91	24.39	
5	QPSK	1	24	24.10	23.98	24.35	
5	QPSK	12	0	23.69	23.50	23.63	24
5	QPSK	12	7	23.55	22.99	23.23	
5	QPSK	12	13	23.50	22.80	23.46	
5	QPSK	25	0	23.44	23.26	23.49	24
5	16QAM	1	0	23.02	23.72	22.63	
5	16QAM	1	12	23.89	23.38	23.25	
5	16QAM	1	24	23.82	23.35	23.30	23
5	16QAM	12	0	22.50	22.60	22.34	
5	16QAM	12	7	22.64	22.16	22.63	
5	16QAM	12	13	22.61	22.10	22.54	23
5	16QAM	25	0	22.58	22.42	22.62	
5	64QAM	1	0	21.95	22.14	21.85	
5	64QAM	1	12	22.55	21.41	21.86	23
5	64QAM	1	24	21.77	21.23	22.59	
5	64QAM	12	0	20.71	20.60	20.49	
5	64QAM	12	7	21.21	20.20	20.96	22
5	64QAM	12	13	21.05	20.05	21.25	
5	64QAM	25	0	20.81	20.43	20.70	
5	256QAM	1	0	20.04	19.97	19.92	20.5
5	256QAM	1	12	20.06	20.15	19.97	
5	256QAM	1	24	19.94	20.02	20.07	
5	256QAM	12	0	20.00	19.83	19.85	20.5
5	256QAM	12	7	20.00	19.96	19.92	
5	256QAM	12	13	20.05	20.00	19.92	
5	256QAM	25	0	19.80	19.94	19.90	
Channel				19965	20175	20385	Tune-up limit



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Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.80	24.61	23.44	25
3	QPSK	1	8	24.32	23.85	24.38	
3	QPSK	1	14	24.14	23.98	24.36	
3	QPSK	8	0	23.64	23.49	23.59	24
3	QPSK	8	4	23.59	22.93	23.23	
3	QPSK	8	7	23.42	22.87	23.45	
3	QPSK	15	0	23.43	23.20	23.54	24
3	16QAM	1	0	23.05	23.77	22.60	
3	16QAM	1	8	23.87	23.38	23.32	
3	16QAM	1	14	23.83	23.38	23.31	23
3	16QAM	8	0	22.51	22.57	22.32	
3	16QAM	8	4	22.62	22.18	22.60	
3	16QAM	8	7	22.61	22.02	22.49	23
3	16QAM	15	0	22.48	22.41	22.56	
3	64QAM	1	0	22.02	22.07	22.00	
3	64QAM	1	8	22.48	21.34	21.86	22
3	64QAM	1	14	21.69	21.25	22.55	
3	64QAM	8	0	20.80	20.68	20.50	
3	64QAM	8	4	21.18	20.19	20.98	20.5
3	64QAM	8	7	21.02	20.15	21.27	
3	64QAM	15	0	20.86	20.36	20.77	
3	256QAM	1	0	20.09	20.01	19.90	20.5
3	256QAM	1	8	20.03	20.09	20.01	
3	256QAM	1	14	19.93	20.03	20.01	
3	256QAM	8	0	19.94	19.90	19.81	20.5
3	256QAM	8	4	20.06	19.98	19.94	
3	256QAM	8	7	20.02	19.95	19.93	
3	256QAM	15	0	19.84	19.94	19.89	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.35	24.45	24.56	25
1.4	QPSK	1	3	24.42	24.44	24.63	
1.4	QPSK	1	5	24.38	24.35	24.55	
1.4	QPSK	3	0	24.39	24.45	24.59	
1.4	QPSK	3	1	24.45	24.50	24.65	
1.4	QPSK	3	3	24.41	24.40	24.61	24
1.4	QPSK	6	0	23.46	23.51	23.67	
1.4	16QAM	1	0	23.54	23.65	23.84	
1.4	16QAM	1	3	23.61	23.67	23.88	
1.4	16QAM	1	5	23.58	23.62	23.81	
1.4	16QAM	3	0	23.51	23.60	23.71	23
1.4	16QAM	3	1	23.61	23.64	23.81	
1.4	16QAM	3	3	23.61	23.57	23.72	
1.4	16QAM	6	0	22.58	22.63	22.74	
1.4	64QAM	1	0	21.59	21.73	22.59	
1.4	64QAM	1	3	21.66	21.69	22.64	22
1.4	64QAM	1	5	21.59	21.61	22.62	
1.4	64QAM	3	0	21.58	21.69	22.58	
1.4	64QAM	3	1	21.68	21.74	22.61	
1.4	64QAM	3	3	21.62	21.62	22.56	
1.4	64QAM	6	0	20.64	20.66	21.55	20.5
1.4	256QAM	1	0	19.84	19.84	19.98	
1.4	256QAM	1	3	19.91	19.85	19.92	
1.4	256QAM	1	5	19.92	19.88	19.90	
1.4	256QAM	3	0	19.88	19.80	19.93	
1.4	256QAM	3	1	19.86	19.88	19.83	20.5
1.4	256QAM	3	3	19.89	19.85	19.98	
1.4	256QAM	6	0	19.81	19.90	19.80	



<LTE Band 4 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.96	19.98	19.95	20.5
20	QPSK	1	49	19.87	19.88	19.89	
20	QPSK	1	99	19.91	19.82	19.85	
20	QPSK	50	0	19.70	19.79	19.72	20.5
20	QPSK	50	24	19.72	19.74	19.74	
20	QPSK	50	50	19.69	19.70	19.64	
20	QPSK	100	0	19.69	19.72	19.70	20.5
20	16QAM	1	0	19.62	19.65	19.66	
20	16QAM	1	49	19.48	19.58	19.48	
20	16QAM	1	99	19.55	19.53	19.44	20.5
20	16QAM	50	0	19.71	19.78	19.72	
20	16QAM	50	24	19.70	19.71	19.69	
20	16QAM	50	50	19.64	19.69	19.61	20.5
20	16QAM	100	0	19.69	19.72	19.68	
20	64QAM	1	0	19.84	19.86	19.90	
20	64QAM	1	49	19.72	19.83	19.77	20.5
20	64QAM	1	99	19.84	19.79	19.74	
20	64QAM	50	0	19.72	19.83	19.75	
20	64QAM	50	24	19.75	19.77	19.76	20.5
20	64QAM	50	50	19.71	19.75	19.67	
20	64QAM	100	0	19.74	19.71	19.72	
20	256QAM	1	0	19.71	19.67	19.67	20.5
20	256QAM	1	49	19.72	19.77	19.71	
20	256QAM	1	99	19.63	19.66	19.68	
20	256QAM	50	0	19.65	19.55	19.60	20.5
20	256QAM	50	24	19.74	19.68	19.64	
20	256QAM	50	50	19.79	19.70	19.63	
20	256QAM	100	0	19.54	19.63	19.59	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.90	19.92	19.90	20.5
15	QPSK	1	37	19.80	19.80	19.83	
15	QPSK	1	74	19.82	19.77	19.83	
15	QPSK	36	0	19.69	19.71	19.62	20.5
15	QPSK	36	20	19.65	19.65	19.69	
15	QPSK	36	39	19.62	19.67	19.60	
15	QPSK	75	0	19.68	19.65	19.61	20.5
15	16QAM	1	0	19.57	19.61	19.66	
15	16QAM	1	37	19.43	19.50	19.43	
15	16QAM	1	74	19.52	19.43	19.40	20.5
15	16QAM	36	0	19.71	19.68	19.71	
15	16QAM	36	20	19.67	19.70	19.66	
15	16QAM	36	39	19.54	19.66	19.55	20.5
15	16QAM	75	0	19.66	19.63	19.65	
15	64QAM	1	0	19.77	19.79	19.90	
15	64QAM	1	37	19.67	19.78	19.70	20.5
15	64QAM	1	74	19.75	19.79	19.72	
15	64QAM	36	0	19.64	19.74	19.67	20.5
15	64QAM	36	20	19.73	19.67	19.75	
15	64QAM	36	39	19.62	19.75	19.66	
15	64QAM	75	0	19.69	19.62	19.65	20.5
15	256QAM	1	0	19.63	19.65	19.66	
15	256QAM	1	37	19.70	19.71	19.61	
15	256QAM	1	74	19.57	19.59	19.59	20.5
15	256QAM	36	0	19.62	19.45	19.50	
15	256QAM	36	20	19.65	19.59	19.54	
15	256QAM	36	39	19.71	19.60	19.58	



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15	256QAM	75	0	19.53	19.55	19.55	
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	19.91	19.90	19.94	20.5
10	QPSK	1	25	19.77	19.81	19.88	
10	QPSK	1	49	19.90	19.75	19.75	
10	QPSK	25	0	19.66	19.70	19.62	20.5
10	QPSK	25	12	19.67	19.69	19.70	
10	QPSK	25	25	19.61	19.60	19.56	
10	QPSK	50	0	19.68	19.70	19.70	20.5
10	16QAM	1	0	19.53	19.58	19.57	
10	16QAM	1	25	19.42	19.53	19.47	
10	16QAM	1	49	19.51	19.47	19.34	20.5
10	16QAM	25	0	19.71	19.71	19.67	
10	16QAM	25	12	19.61	19.71	19.69	
10	16QAM	25	25	19.57	19.61	19.53	20.5
10	16QAM	50	0	19.65	19.71	19.62	
10	64QAM	1	0	19.81	19.82	19.88	
10	64QAM	1	25	19.65	19.75	19.71	20.5
10	64QAM	1	49	19.83	19.74	19.72	
10	64QAM	25	0	19.65	19.80	19.66	20.5
10	64QAM	25	12	19.74	19.67	19.73	
10	64QAM	25	25	19.67	19.65	19.61	
10	64QAM	50	0	19.66	19.70	19.63	20.5
10	256QAM	1	0	19.71	19.58	19.65	
10	256QAM	1	25	19.63	19.73	19.68	
10	256QAM	1	49	19.54	19.58	19.64	20.5
10	256QAM	25	0	19.58	19.47	19.60	
10	256QAM	25	12	19.66	19.63	19.64	
10	256QAM	25	25	19.73	19.66	19.59	20.5
10	256QAM	50	0	19.51	19.58	19.52	
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.92	19.94	19.90	20.5
5	QPSK	1	12	19.85	19.80	19.83	
5	QPSK	1	24	19.86	19.74	19.85	
5	QPSK	12	0	19.62	19.75	19.72	20.5
5	QPSK	12	7	19.70	19.68	19.68	
5	QPSK	12	13	19.66	19.69	19.54	
5	QPSK	25	0	19.67	19.63	19.69	20.5
5	16QAM	1	0	19.55	19.55	19.64	
5	16QAM	1	12	19.38	19.54	19.46	
5	16QAM	1	24	19.54	19.49	19.37	20.5
5	16QAM	12	0	19.64	19.74	19.66	
5	16QAM	12	7	19.65	19.63	19.65	
5	16QAM	12	13	19.61	19.64	19.58	20.5
5	16QAM	25	0	19.69	19.66	19.63	
5	64QAM	1	0	19.75	19.82	19.90	
5	64QAM	1	12	19.71	19.74	19.72	20.5
5	64QAM	1	24	19.84	19.73	19.66	
5	64QAM	12	0	19.71	19.82	19.69	
5	64QAM	12	7	19.69	19.69	19.68	20.5
5	64QAM	12	13	19.64	19.65	19.58	
5	64QAM	25	0	19.71	19.69	19.71	
5	256QAM	1	0	19.70	19.59	19.62	20.5
5	256QAM	1	12	19.71	19.74	19.70	
5	256QAM	1	24	19.63	19.66	19.67	
5	256QAM	12	0	19.55	19.46	19.54	20.5
5	256QAM	12	7	19.69	19.58	19.55	
5	256QAM	12	13	19.78	19.65	19.55	
5	256QAM	25	0	19.48	19.62	19.51	20.5
Channel				19965	20175	20385	Tune-up limit



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Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.88	19.89	19.87	20.5
3	QPSK	1	8	19.78	19.87	19.89	
3	QPSK	1	14	19.86	19.74	19.79	
3	QPSK	8	0	19.63	19.70	19.63	20.5
3	QPSK	8	4	19.65	19.68	19.67	
3	QPSK	8	7	19.59	19.67	19.59	
3	QPSK	15	0	19.65	19.67	19.63	20.5
3	16QAM	1	0	19.60	19.64	19.66	
3	16QAM	1	8	19.44	19.48	19.43	
3	16QAM	1	14	19.53	19.52	19.35	20.5
3	16QAM	8	0	19.70	19.76	19.65	
3	16QAM	8	4	19.67	19.65	19.64	
3	16QAM	8	7	19.63	19.68	19.58	20.5
3	16QAM	15	0	19.67	19.70	19.67	
3	64QAM	1	0	19.77	19.86	19.85	
3	64QAM	1	8	19.66	19.81	19.72	20.5
3	64QAM	1	14	19.80	19.76	19.68	
3	64QAM	8	0	19.72	19.76	19.71	
3	64QAM	8	4	19.66	19.74	19.68	20.5
3	64QAM	8	7	19.66	19.70	19.58	
3	64QAM	15	0	19.74	19.62	19.69	
3	256QAM	1	0	19.71	19.61	19.63	20.5
3	256QAM	1	8	19.66	19.70	19.63	
3	256QAM	1	14	19.58	19.57	19.59	
3	256QAM	8	0	19.57	19.47	19.60	20.5
3	256QAM	8	4	19.73	19.60	19.60	
3	256QAM	8	7	19.77	19.61	19.58	
3	256QAM	15	0	19.48	19.61	19.50	
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	19.33	19.37	19.49	20.5
1.4	QPSK	1	3	19.33	19.41	19.57	
1.4	QPSK	1	5	19.31	19.34	19.48	
1.4	QPSK	3	0	19.37	19.38	19.55	20.5
1.4	QPSK	3	1	19.41	19.40	19.65	
1.4	QPSK	3	3	19.33	19.34	19.52	
1.4	QPSK	6	0	19.40	19.45	19.58	20.5
1.4	16QAM	1	0	19.52	19.59	19.80	20.5
1.4	16QAM	1	3	19.59	19.58	19.78	
1.4	16QAM	1	5	19.54	19.54	19.76	
1.4	16QAM	3	0	19.51	19.59	19.69	20.5
1.4	16QAM	3	1	19.54	19.60	19.73	
1.4	16QAM	3	3	19.58	19.52	19.65	
1.4	16QAM	6	0	19.52	19.54	19.70	20.5
1.4	64QAM	1	0	18.59	18.72	19.54	20.5
1.4	64QAM	1	3	18.63	18.66	19.57	
1.4	64QAM	1	5	18.53	18.53	19.60	
1.4	64QAM	3	0	18.55	18.60	19.49	20.5
1.4	64QAM	3	1	18.66	18.70	19.56	
1.4	64QAM	3	3	18.59	18.59	19.50	
1.4	64QAM	6	0	18.61	18.58	19.54	20.5
1.4	256QAM	1	0	19.78	19.77	19.92	20.5
1.4	256QAM	1	3	19.84	19.79	19.90	
1.4	256QAM	1	5	19.85	19.82	19.85	
1.4	256QAM	3	0	19.78	19.79	19.90	20.5
1.4	256QAM	3	1	19.86	19.88	19.82	
1.4	256QAM	3	3	19.89	19.80	19.92	
1.4	256QAM	6	0	19.78	19.84	19.77	20.5



<LTE Band 5 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.12	24.11	23.99	25
10	QPSK	1	25	23.82	23.95	23.47	
10	QPSK	1	49	23.64	24.06	23.09	
10	QPSK	25	0	23.17	23.13	22.56	24
10	QPSK	25	12	23.18	23.25	23.10	
10	QPSK	25	25	23.12	23.18	22.42	
10	QPSK	50	0	23.12	23.25	22.82	24
10	16QAM	1	0	23.11	23.57	23.25	
10	16QAM	1	25	22.97	23.65	22.91	
10	16QAM	1	49	22.70	23.33	22.47	23
10	16QAM	25	0	21.98	22.05	22.15	
10	16QAM	25	12	22.09	22.17	21.64	
10	16QAM	25	25	22.06	22.20	21.51	23
10	16QAM	50	0	22.19	22.21	21.76	
10	64QAM	1	0	21.81	21.83	22.08	
10	64QAM	1	25	21.07	22.05	21.09	22
10	64QAM	1	49	21.20	21.79	21.24	
10	64QAM	25	0	20.43	20.51	20.25	
10	64QAM	25	12	20.13	20.83	20.97	20
10	64QAM	25	25	20.01	20.83	21.18	
10	64QAM	50	0	20.34	20.67	20.93	
10	256QAM	1	0	19.74	19.77	19.62	20
10	256QAM	1	25	19.71	19.87	19.74	
10	256QAM	1	49	19.74	19.76	19.70	
10	256QAM	25	0	19.78	19.63	19.69	20
10	256QAM	25	12	19.73	19.71	19.67	
10	256QAM	25	25	19.67	19.69	19.68	
10	256QAM	50	0	19.76	19.61	19.67	Tune-up limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.10	24.07	23.97	25
5	QPSK	1	12	23.79	23.86	23.42	
5	QPSK	1	24	23.60	24.01	23.03	
5	QPSK	12	0	23.16	23.05	22.56	24
5	QPSK	12	7	23.11	23.22	23.09	
5	QPSK	12	13	23.04	23.15	22.34	
5	QPSK	25	0	23.09	23.24	22.73	24
5	16QAM	1	0	23.06	23.57	23.23	
5	16QAM	1	12	22.87	23.59	22.84	
5	16QAM	1	24	22.64	23.29	22.37	23
5	16QAM	12	0	21.93	22.03	22.13	
5	16QAM	12	7	22.08	22.15	21.62	
5	16QAM	12	13	21.99	22.17	21.48	23
5	16QAM	25	0	22.15	22.12	21.75	
5	64QAM	1	0	21.72	21.81	22.04	
5	64QAM	1	12	21.06	22.02	21.06	22
5	64QAM	1	24	21.15	21.76	21.18	
5	64QAM	12	0	20.33	20.48	20.19	
5	64QAM	12	7	20.13	20.73	20.90	20
5	64QAM	12	13	21.03	20.76	21.10	
5	64QAM	25	0	20.33	20.63	20.90	
5	256QAM	1	0	19.70	19.71	19.57	20
5	256QAM	1	12	19.64	19.87	19.67	
5	256QAM	1	24	19.66	19.75	19.64	
5	256QAM	12	0	19.70	19.61	19.61	20
5	256QAM	12	7	19.70	19.70	19.57	
5	256QAM	12	13	19.63	19.69	19.67	



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5	256QAM	25	0	19.69	19.58	19.61	
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.06	24.08	23.91	25
3	QPSK	1	8	23.75	23.89	23.43	
3	QPSK	1	14	23.54	24.03	23.06	
3	QPSK	8	0	23.15	23.09	22.47	24
3	QPSK	8	4	23.13	23.19	23.00	
3	QPSK	8	7	23.03	23.11	22.38	
3	QPSK	15	0	23.04	23.19	22.77	24
3	16QAM	1	0	23.06	23.52	23.17	
3	16QAM	1	8	22.90	23.61	22.87	
3	16QAM	1	14	22.62	23.31	22.47	23
3	16QAM	8	0	21.97	21.96	22.12	
3	16QAM	8	4	22.05	22.16	21.56	
3	16QAM	8	7	21.96	22.18	21.48	23
3	16QAM	15	0	22.16	22.13	21.70	
3	64QAM	1	0	21.71	21.83	22.07	
3	64QAM	1	8	21.05	21.97	21.06	23
3	64QAM	1	14	21.18	21.71	21.15	
3	64QAM	8	0	20.37	20.47	20.22	
3	64QAM	8	4	20.04	20.74	20.88	22
3	64QAM	8	7	20.01	20.76	21.16	
3	64QAM	15	0	20.27	20.65	20.89	
3	256QAM	1	0	19.72	19.76	19.52	20
3	256QAM	1	8	19.68	19.82	19.73	
3	256QAM	1	14	19.72	19.74	19.63	
3	256QAM	8	0	19.74	19.57	19.59	20
3	256QAM	8	4	19.63	19.65	19.60	
3	256QAM	8	7	19.60	19.66	19.58	
3	256QAM	15	0	19.67	19.52	19.59	
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.08	24.04	23.97	25
1.4	QPSK	1	3	23.78	23.86	23.44	
1.4	QPSK	1	5	23.57	23.98	23.01	
1.4	QPSK	3	0	24.07	24.11	23.92	24
1.4	QPSK	3	1	23.76	23.92	23.38	
1.4	QPSK	3	3	23.60	23.99	23.03	
1.4	QPSK	6	0	23.03	23.18	22.72	24
1.4	16QAM	1	0	23.04	23.48	23.17	
1.4	16QAM	1	3	22.90	23.60	22.83	
1.4	16QAM	1	5	22.65	23.29	22.40	24
1.4	16QAM	3	0	23.05	23.56	23.21	
1.4	16QAM	3	1	22.97	23.65	22.84	
1.4	16QAM	3	3	22.67	23.27	22.41	23
1.4	16QAM	6	0	22.10	22.19	21.70	
1.4	64QAM	1	0	21.78	21.83	22.03	
1.4	64QAM	1	3	21.03	21.98	21.04	23
1.4	64QAM	1	5	21.17	21.69	21.24	
1.4	64QAM	3	0	22.03	22.17	21.64	
1.4	64QAM	3	1	22.01	22.15	21.45	22
1.4	64QAM	3	3	22.14	22.19	21.73	
1.4	64QAM	6	0	20.30	20.62	20.86	
1.4	256QAM	1	0	19.66	19.71	19.59	20
1.4	256QAM	1	3	19.63	19.78	19.64	
1.4	256QAM	1	5	19.71	19.73	19.68	
1.4	256QAM	3	0	19.68	19.58	19.60	20
1.4	256QAM	3	1	19.63	19.68	19.58	
1.4	256QAM	3	3	19.59	19.65	19.59	
1.4	256QAM	6	0	19.66	19.53	19.66	20



<LTE Band 5 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.44	20.43	20.38	21
10	QPSK	1	25	20.39	20.37	20.41	
10	QPSK	1	49	20.40	20.36	20.34	
10	QPSK	25	0	20.11	20.07	20.07	21
10	QPSK	25	12	20.21	20.16	20.13	
10	QPSK	25	25	20.13	20.15	20.13	
10	QPSK	50	0	20.17	20.16	20.11	21
10	16QAM	1	0	20.05	20.05	20.01	
10	16QAM	1	25	19.99	19.96	19.98	
10	16QAM	1	49	19.98	20.01	19.98	21
10	16QAM	25	0	20.12	20.07	20.12	
10	16QAM	25	12	20.20	20.18	20.13	
10	16QAM	25	25	20.13	20.12	20.08	21
10	16QAM	50	0	20.19	20.17	20.10	
10	64QAM	1	0	20.28	20.26	20.24	
10	64QAM	1	25	20.31	20.30	20.28	21
10	64QAM	1	49	20.31	20.23	20.21	
10	64QAM	25	0	20.12	20.10	20.12	
10	64QAM	25	12	20.21	20.20	19.91	21
10	64QAM	25	25	20.15	20.14	19.73	
10	64QAM	50	0	20.17	20.17	19.94	
10	256QAM	1	0	19.71	19.70	19.79	21
10	256QAM	1	25	19.75	19.61	19.91	
10	256QAM	1	49	19.70	19.84	19.64	
10	256QAM	25	0	19.63	19.70	19.78	21
10	256QAM	25	12	19.55	19.78	19.38	
10	256QAM	25	25	19.83	19.70	19.33	
10	256QAM	50	0	19.81	19.82	19.44	Tune-up limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	20.33	20.35	20.35	21
5	QPSK	1	12	20.37	20.36	20.35	
5	QPSK	1	24	20.34	20.26	20.29	
5	QPSK	12	0	20.07	19.98	20.06	21
5	QPSK	12	7	20.19	20.11	20.08	
5	QPSK	12	13	20.10	20.14	20.05	
5	QPSK	25	0	20.06	20.14	20.06	21
5	16QAM	1	0	20.02	19.96	19.92	
5	16QAM	1	12	19.94	19.95	19.89	
5	16QAM	1	24	19.92	20.00	19.92	21
5	16QAM	12	0	20.05	20.03	20.04	
5	16QAM	12	7	20.13	20.08	20.11	
5	16QAM	12	13	20.03	20.11	19.97	21
5	16QAM	25	0	20.12	20.13	20.01	
5	64QAM	1	0	20.20	20.17	20.17	
5	64QAM	1	12	20.26	20.29	20.25	21
5	64QAM	1	24	20.26	20.16	20.11	
5	64QAM	12	0	20.01	20.03	20.05	
5	64QAM	12	7	20.13	20.13	19.90	21
5	64QAM	12	13	20.06	20.07	19.71	
5	64QAM	25	0	20.13	20.11	19.86	
5	256QAM	1	0	19.63	19.61	19.71	21
5	256QAM	1	12	19.64	19.56	19.81	
5	256QAM	1	24	19.68	19.78	19.56	
5	256QAM	12	0	19.56	19.66	19.72	21
5	256QAM	12	7	19.49	19.74	19.28	
5	256QAM	12	13	19.76	19.59	19.27	



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5	256QAM	25	0	19.70	19.74	19.35	
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.41	20.33	20.28	21
3	QPSK	1	8	20.36	20.28	20.31	
3	QPSK	1	14	20.33	20.28	20.32	
3	QPSK	8	0	20.03	20.04	19.97	21
3	QPSK	8	4	20.16	20.09	20.09	
3	QPSK	8	7	20.05	20.14	20.05	
3	QPSK	15	0	20.16	20.09	20.09	21
3	16QAM	1	0	20.00	20.03	19.93	
3	16QAM	1	8	19.92	19.86	19.87	
3	16QAM	1	14	19.90	19.99	19.96	21
3	16QAM	8	0	20.07	20.06	20.03	
3	16QAM	8	4	20.16	20.17	20.08	
3	16QAM	8	7	20.02	20.03	20.01	21
3	16QAM	15	0	20.15	20.08	20.04	
3	64QAM	1	0	20.18	20.18	20.19	21
3	64QAM	1	8	20.21	20.27	20.23	
3	64QAM	1	14	20.21	20.12	20.15	
3	64QAM	8	0	20.07	20.01	20.06	21
3	64QAM	8	4	20.16	20.09	19.81	
3	64QAM	8	7	20.05	20.03	19.66	
3	64QAM	15	0	20.16	20.07	19.84	21
3	256QAM	1	0	19.65	19.67	19.74	
3	256QAM	1	8	19.68	19.59	19.81	
3	256QAM	1	14	19.62	19.73	19.55	21
3	256QAM	8	0	19.57	19.59	19.71	
3	256QAM	8	4	19.45	19.71	19.29	
3	256QAM	8	7	19.80	19.63	19.25	21
3	256QAM	15	0	19.70	19.71	19.42	
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.33	20.40	20.30	21
1.4	QPSK	1	3	20.31	20.35	20.35	
1.4	QPSK	1	5	20.36	20.35	20.23	
1.4	QPSK	3	0	20.02	19.99	20.00	21
1.4	QPSK	3	1	20.17	20.11	20.09	
1.4	QPSK	3	3	20.10	20.12	20.11	
1.4	QPSK	6	0	20.16	20.09	20.04	21
1.4	16QAM	1	0	20.04	19.94	19.93	
1.4	16QAM	1	3	19.91	19.93	19.94	
1.4	16QAM	1	5	19.97	19.92	19.87	21
1.4	16QAM	3	0	20.06	20.03	20.10	
1.4	16QAM	3	1	20.13	20.10	20.06	
1.4	16QAM	3	3	20.11	20.07	19.98	21
1.4	16QAM	6	0	20.13	20.14	19.99	
1.4	64QAM	1	0	20.26	20.18	20.23	
1.4	64QAM	1	3	20.21	20.29	20.22	21
1.4	64QAM	1	5	20.28	20.20	20.10	
1.4	64QAM	3	0	20.07	20.09	20.04	
1.4	64QAM	3	1	20.15	20.11	19.84	21
1.4	64QAM	3	3	20.14	20.11	19.65	
1.4	64QAM	6	0	20.08	20.08	19.86	
1.4	256QAM	1	0	19.62	19.65	19.73	21
1.4	256QAM	1	3	19.67	19.60	19.83	
1.4	256QAM	1	5	19.63	19.79	19.60	
1.4	256QAM	3	0	19.52	19.68	19.70	21
1.4	256QAM	3	1	19.45	19.70	19.34	
1.4	256QAM	3	3	19.72	19.68	19.31	
1.4	256QAM	6	0	19.78	19.80	19.43	21



<LTE Band 7 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.35	23.97	24.11	25
20	QPSK	1	49	24.25	23.30	23.47	
20	QPSK	1	99	23.32	23.83	23.17	
20	QPSK	50	0	23.28	22.73	22.75	24
20	QPSK	50	24	23.47	23.04	23.05	
20	QPSK	50	50	23.35	22.92	22.27	
20	QPSK	100	0	23.38	22.78	22.49	24
20	16QAM	1	0	22.58	23.54	23.03	
20	16QAM	1	49	23.70	22.99	22.85	
20	16QAM	1	99	23.54	23.22	22.93	23
20	16QAM	50	0	22.34	21.85	22.01	
20	16QAM	50	24	22.45	22.00	21.92	
20	16QAM	50	50	22.51	22.38	21.67	23
20	16QAM	100	0	22.04	21.99	21.76	
20	64QAM	1	0	21.33	21.59	21.33	
20	64QAM	1	49	22.42	21.26	21.04	23
20	64QAM	1	99	22.29	21.23	21.22	
20	64QAM	50	0	20.74	20.11	20.31	22
20	64QAM	50	24	21.29	20.15	20.16	
20	64QAM	50	50	21.22	20.31	20.25	
20	64QAM	100	0	20.56	20.16	20.31	20.5
20	256QAM	1	0	19.93	20.00	20.19	
20	256QAM	1	49	19.84	20.20	20.16	
20	256QAM	1	99	19.90	20.20	20.09	20.5
20	256QAM	50	0	19.77	19.94	20.06	
20	256QAM	50	24	19.86	20.09	20.14	
20	256QAM	50	50	19.90	20.02	20.08	20.5
20	256QAM	100	0	19.82	20.10	20.07	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.25	23.97	24.04	
15	QPSK	1	37	24.24	23.26	23.43	25
15	QPSK	1	74	23.31	23.82	23.14	
15	QPSK	36	0	23.23	22.68	22.68	24
15	QPSK	36	20	23.37	22.99	22.95	
15	QPSK	36	39	23.27	22.84	22.27	
15	QPSK	75	0	23.31	22.71	22.45	24
15	16QAM	1	0	22.51	23.51	22.93	
15	16QAM	1	37	23.60	22.92	22.80	
15	16QAM	1	74	23.52	23.22	22.87	23
15	16QAM	36	0	22.27	21.84	21.98	
15	16QAM	36	20	22.41	21.96	21.88	
15	16QAM	36	39	22.42	22.30	21.59	23
15	16QAM	75	0	21.98	21.91	21.73	
15	64QAM	1	0	21.32	21.55	21.33	
15	64QAM	1	37	22.41	21.22	21.03	22
15	64QAM	1	74	22.26	21.22	21.18	
15	64QAM	36	0	20.70	20.07	20.27	
15	64QAM	36	20	21.23	20.08	20.12	20.5
15	64QAM	36	39	21.19	20.28	20.21	
15	64QAM	75	0	20.48	20.16	20.30	
15	256QAM	1	0	19.90	19.91	20.12	20.5
15	256QAM	1	37	19.80	20.12	20.10	
15	256QAM	1	74	19.81	20.18	20.01	
15	256QAM	36	0	19.76	19.85	20.06	20.5
15	256QAM	36	20	19.84	20.03	20.10	
15	256QAM	36	39	19.84	19.99	20.05	



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15	256QAM	75	0	19.80	20.00	19.97	
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.33	23.90	24.01	25
10	QPSK	1	25	24.21	23.21	23.38	
10	QPSK	1	49	23.22	23.78	23.14	
10	QPSK	25	0	23.28	22.65	22.69	24
10	QPSK	25	12	23.43	22.94	23.01	
10	QPSK	25	25	23.33	22.84	22.27	
10	QPSK	50	0	23.33	22.77	22.48	24
10	16QAM	1	0	22.58	23.47	22.97	
10	16QAM	1	25	23.61	22.99	22.81	
10	16QAM	1	49	23.45	23.19	22.87	23
10	16QAM	25	0	22.32	21.79	21.95	
10	16QAM	25	12	22.40	21.93	21.84	
10	16QAM	25	25	22.44	22.28	21.58	23
10	16QAM	50	0	21.99	21.97	21.66	
10	64QAM	1	0	21.27	21.55	21.31	
10	64QAM	1	25	22.33	21.17	21.03	22
10	64QAM	1	49	22.24	21.17	21.13	
10	64QAM	25	0	20.68	20.02	20.23	
10	64QAM	25	12	21.27	20.10	20.11	20.5
10	64QAM	25	25	21.18	20.29	20.21	
10	64QAM	50	0	20.54	20.12	20.31	
10	256QAM	1	0	19.91	19.96	20.14	20.5
10	256QAM	1	25	19.81	20.11	20.06	
10	256QAM	1	49	19.87	20.19	20.08	
10	256QAM	25	0	19.70	19.94	19.99	20.5
10	256QAM	25	12	19.85	20.07	20.12	
10	256QAM	25	25	19.86	19.96	20.02	
10	256QAM	50	0	19.78	20.00	19.98	
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.34	23.96	24.07	25
5	QPSK	1	12	24.21	23.27	23.38	
5	QPSK	1	24	23.31	23.83	23.07	
5	QPSK	12	0	23.21	22.65	22.67	24
5	QPSK	12	7	23.38	22.97	22.96	
5	QPSK	12	13	23.27	22.88	22.23	
5	QPSK	25	0	23.36	22.75	22.40	24
5	16QAM	1	0	22.52	23.54	23.00	
5	16QAM	1	12	23.66	22.91	22.79	
5	16QAM	1	24	23.47	23.14	22.89	23
5	16QAM	12	0	22.31	21.85	21.96	
5	16QAM	12	7	22.43	21.92	21.90	
5	16QAM	12	13	22.49	22.35	21.58	23
5	16QAM	25	0	21.97	21.91	21.66	
5	64QAM	1	0	21.32	21.52	21.25	
5	64QAM	1	12	22.41	21.23	21.03	22
5	64QAM	1	24	22.24	21.23	21.14	
5	64QAM	12	0	20.73	20.10	20.28	
5	64QAM	12	7	21.20	20.08	20.15	20.5
5	64QAM	12	13	21.22	20.30	20.25	
5	64QAM	25	0	20.51	20.07	20.24	
5	256QAM	1	0	19.87	19.92	20.15	20.5
5	256QAM	1	12	19.77	20.15	20.14	
5	256QAM	1	24	19.82	20.11	20.01	
5	256QAM	12	0	19.72	19.93	20.04	20.5
5	256QAM	12	7	19.78	20.05	20.14	
5	256QAM	12	13	19.80	20.02	19.98	
5	256QAM	25	0	19.80	20.00	20.06	

<LTE Band 7 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.66	18.69	18.75	19.5
20	QPSK	1	49	18.73	18.75	18.87	
20	QPSK	1	99	18.89	18.78	18.83	
20	QPSK	50	0	18.42	18.45	18.52	19.5
20	QPSK	50	24	18.57	18.55	18.67	
20	QPSK	50	50	18.58	18.59	18.68	
20	QPSK	100	0	18.55	18.56	18.55	19.5
20	16QAM	1	0	18.29	18.30	18.36	
20	16QAM	1	49	18.34	18.39	18.47	
20	16QAM	1	99	18.53	18.45	18.51	19.5
20	16QAM	50	0	18.41	18.42	18.50	
20	16QAM	50	24	18.56	18.53	18.62	
20	16QAM	50	50	18.59	18.57	18.64	19.5
20	16QAM	100	0	18.53	18.58	18.56	
20	64QAM	1	0	18.47	18.50	18.61	
20	64QAM	1	49	18.57	18.65	18.70	19.5
20	64QAM	1	99	18.65	18.67	18.78	
20	64QAM	50	0	18.42	18.45	18.54	
20	64QAM	50	24	18.55	18.58	18.68	19.5
20	64QAM	50	50	18.56	18.59	18.67	
20	64QAM	100	0	18.54	18.54	18.55	
20	256QAM	1	0	18.62	18.83	18.70	19.5
20	256QAM	1	49	18.70	18.69	18.81	
20	256QAM	1	99	18.85	18.69	18.80	
20	256QAM	50	0	18.39	18.36	18.50	19.5
20	256QAM	50	24	18.54	18.56	18.62	
20	256QAM	50	50	18.50	18.51	18.62	
20	256QAM	100	0	18.51	18.48	18.49	Tune-up limit (dBm)
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.64	18.63	18.67	19.5
15	QPSK	1	37	18.65	18.74	18.85	
15	QPSK	1	74	18.83	18.75	18.76	
15	QPSK	36	0	18.37	18.35	18.41	19.5
15	QPSK	36	20	18.46	18.55	18.59	
15	QPSK	36	39	18.48	18.48	18.57	
15	QPSK	75	0	18.52	18.49	18.46	19.5
15	16QAM	1	0	18.19	18.27	18.31	
15	16QAM	1	37	18.33	18.35	18.46	
15	16QAM	1	74	18.50	18.34	18.40	19.5
15	16QAM	36	0	18.31	18.31	18.45	
15	16QAM	36	20	18.50	18.43	18.52	
15	16QAM	36	39	18.51	18.50	18.62	19.5
15	16QAM	75	0	18.44	18.51	18.48	
15	64QAM	1	0	18.41	18.40	18.59	
15	64QAM	1	37	18.55	18.59	18.59	19.5
15	64QAM	1	74	18.60	18.63	18.74	
15	64QAM	36	0	18.35	18.42	18.51	
15	64QAM	36	20	18.46	18.57	18.60	19.5
15	64QAM	36	39	18.51	18.48	18.62	
15	64QAM	75	0	18.43	18.53	18.54	
15	256QAM	1	0	18.61	18.77	18.60	19.5
15	256QAM	1	37	18.61	18.68	18.75	
15	256QAM	1	74	18.77	18.63	18.69	
15	256QAM	36	0	18.37	18.31	18.49	19.5
15	256QAM	36	20	18.52	18.49	18.56	
15	256QAM	36	39	18.39	18.40	18.55	



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15	256QAM	75	0	18.45	18.45	18.40	
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.61	18.60	18.65	19.5
10	QPSK	1	25	18.57	18.68	18.74	
10	QPSK	1	49	18.80	18.74	18.75	
10	QPSK	25	0	18.33	18.33	18.34	19.5
10	QPSK	25	12	18.45	18.53	18.54	
10	QPSK	25	25	18.42	18.47	18.53	
10	QPSK	50	0	18.50	18.46	18.44	19.5
10	16QAM	1	0	18.08	18.17	18.28	
10	16QAM	1	25	18.29	18.31	18.44	
10	16QAM	1	49	18.48	18.33	18.39	19.5
10	16QAM	25	0	18.26	18.27	18.39	
10	16QAM	25	12	18.45	18.36	18.51	
10	16QAM	25	25	18.49	18.45	18.54	19.5
10	16QAM	50	0	18.40	18.50	18.44	
10	64QAM	1	0	18.40	18.34	18.54	
10	64QAM	1	25	18.46	18.56	18.53	19.5
10	64QAM	1	49	18.53	18.60	18.66	
10	64QAM	25	0	18.33	18.38	18.47	
10	64QAM	25	12	18.40	18.51	18.51	19.5
10	64QAM	25	25	18.43	18.47	18.57	
10	64QAM	50	0	18.35	18.50	18.50	
10	256QAM	1	0	18.55	18.73	18.58	19.5
10	256QAM	1	25	18.55	18.60	18.70	
10	256QAM	1	49	18.67	18.54	18.68	
10	256QAM	25	0	18.34	18.25	18.42	19.5
10	256QAM	25	12	18.41	18.43	18.54	
10	256QAM	25	25	18.38	18.38	18.46	
10	256QAM	50	0	18.42	18.44	18.30	
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.58	18.59	18.57	19.5
5	QPSK	1	12	18.59	18.72	18.84	
5	QPSK	1	24	18.82	18.64	18.66	
5	QPSK	12	0	18.33	18.25	18.32	19.5
5	QPSK	12	7	18.44	18.51	18.55	
5	QPSK	12	13	18.44	18.43	18.51	
5	QPSK	25	0	18.48	18.40	18.41	19.5
5	16QAM	1	0	18.18	18.26	18.20	
5	16QAM	1	12	18.28	18.32	18.43	
5	16QAM	1	24	18.47	18.32	18.33	19.5
5	16QAM	12	0	18.26	18.29	18.41	
5	16QAM	12	7	18.44	18.41	18.45	
5	16QAM	12	13	18.45	18.39	18.52	19.5
5	16QAM	25	0	18.35	18.50	18.37	
5	64QAM	1	0	18.32	18.36	18.55	
5	64QAM	1	12	18.44	18.54	18.55	19.5
5	64QAM	1	24	18.57	18.59	18.73	
5	64QAM	12	0	18.28	18.31	18.44	
5	64QAM	12	7	18.38	18.54	18.52	19.5
5	64QAM	12	13	18.44	18.40	18.59	
5	64QAM	25	0	18.42	18.50	18.44	
5	256QAM	1	0	18.56	18.71	18.55	19.5
5	256QAM	1	12	18.56	18.66	18.70	
5	256QAM	1	24	18.71	18.56	18.66	
5	256QAM	12	0	18.35	18.30	18.44	19.5
5	256QAM	12	7	18.49	18.40	18.55	
5	256QAM	12	13	18.33	18.32	18.54	
5	256QAM	25	0	18.42	18.38	18.29	



<LTE Band 12 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.96	23.92	24.00	25
10	QPSK	1	25	23.83	23.84	23.97	
10	QPSK	1	49	24.00	24.03	24.08	
10	QPSK	25	0	23.08	23.02	23.05	24
10	QPSK	25	12	23.12	23.11	23.08	
10	QPSK	25	25	23.20	23.13	23.09	
10	QPSK	50	0	23.19	23.13	23.05	24
10	16QAM	1	0	23.20	23.64	23.08	
10	16QAM	1	25	23.13	23.53	23.22	
10	16QAM	1	49	22.88	23.51	23.75	23
10	16QAM	25	0	22.24	22.06	22.03	
10	16QAM	25	12	22.28	22.04	22.04	
10	16QAM	25	25	22.04	22.15	22.22	23
10	16QAM	50	0	22.11	22.18	22.06	
10	64QAM	1	0	22.02	21.66	21.54	
10	64QAM	1	25	21.68	21.29	21.98	22
10	64QAM	1	49	21.39	22.26	22.38	
10	64QAM	25	0	20.42	20.43	20.62	
10	64QAM	25	12	20.43	20.54	20.96	20
10	64QAM	25	25	20.42	20.74	21.03	
10	64QAM	50	0	20.73	20.64	20.78	
10	256QAM	1	0	19.82	19.70	19.68	20
10	256QAM	1	25	19.73	19.65	19.75	
10	256QAM	1	49	19.80	19.76	19.66	
10	256QAM	25	0	19.68	19.63	19.64	20
10	256QAM	25	12	19.73	19.71	19.62	
10	256QAM	25	25	19.64	19.63	19.67	
10	256QAM	50	0	19.71	19.71	19.66	Tune-up limit (dBm)
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.90	23.90	23.97	25
5	QPSK	1	12	23.81	23.81	23.94	
5	QPSK	1	24	24.00	24.03	24.04	
5	QPSK	12	0	23.08	22.95	23.03	24
5	QPSK	12	7	23.11	23.07	22.99	
5	QPSK	12	13	23.16	23.07	23.09	
5	QPSK	25	0	23.16	23.11	23.02	24
5	16QAM	1	0	23.10	23.55	22.99	
5	16QAM	1	12	23.06	23.47	23.15	
5	16QAM	1	24	22.88	23.43	23.75	23
5	16QAM	12	0	22.16	21.98	22.00	
5	16QAM	12	7	22.25	22.01	22.03	
5	16QAM	12	13	21.98	22.13	22.16	23
5	16QAM	25	0	22.07	22.13	22.02	
5	64QAM	1	0	21.94	21.65	21.52	
5	64QAM	1	12	21.67	21.19	21.93	22
5	64QAM	1	24	21.34	22.16	22.35	
5	64QAM	12	0	20.32	20.34	20.59	
5	64QAM	12	7	20.36	20.46	20.96	20
5	64QAM	12	13	20.35	20.74	20.98	
5	64QAM	25	0	20.71	20.54	20.73	
5	256QAM	1	0	19.81	19.60	19.64	20
5	256QAM	1	12	19.66	19.63	19.71	
5	256QAM	1	24	19.78	19.74	19.65	
5	256QAM	12	0	19.60	19.63	19.54	20
5	256QAM	12	7	19.65	19.71	19.55	
5	256QAM	12	13	19.56	19.60	19.57	



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5	256QAM	25	0	19.62	19.69	19.60	
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.87	23.84	23.94	25
3	QPSK	1	8	23.78	23.79	23.90	
3	QPSK	1	14	23.94	23.94	24.06	
3	QPSK	8	0	23.08	22.92	22.97	24
3	QPSK	8	4	23.02	23.11	23.06	
3	QPSK	8	7	23.11	23.06	23.07	
3	QPSK	15	0	23.16	23.10	22.98	24
3	16QAM	1	0	23.12	23.64	22.98	
3	16QAM	1	8	23.10	23.52	23.17	
3	16QAM	1	14	22.83	23.44	23.73	23
3	16QAM	8	0	22.15	22.03	21.95	
3	16QAM	8	4	22.23	21.95	22.04	
3	16QAM	8	7	22.02	22.08	22.16	23
3	16QAM	15	0	22.04	22.10	22.02	
3	64QAM	1	0	21.92	21.65	21.46	
3	64QAM	1	8	21.68	21.26	21.98	23
3	64QAM	1	14	21.39	22.19	22.36	
3	64QAM	8	0	20.38	20.38	20.58	22
3	64QAM	8	4	20.42	20.51	20.90	
3	64QAM	8	7	20.42	20.69	21.02	
3	64QAM	15	0	20.68	20.58	20.74	20
3	256QAM	1	0	19.73	19.64	19.66	
3	256QAM	1	8	19.66	19.63	19.72	
3	256QAM	1	14	19.74	19.69	19.57	20
3	256QAM	8	0	19.63	19.55	19.57	
3	256QAM	8	4	19.67	19.64	19.61	
3	256QAM	8	7	19.58	19.60	19.64	20
3	256QAM	15	0	19.61	19.64	19.57	
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.87	23.85	23.91	25
1.4	QPSK	1	3	23.82	23.79	23.89	
1.4	QPSK	1	5	23.91	23.95	23.98	
1.4	QPSK	3	0	23.87	23.85	23.91	24
1.4	QPSK	3	1	23.82	23.79	23.89	
1.4	QPSK	3	3	23.91	23.95	23.98	
1.4	QPSK	6	0	23.12	23.03	22.95	24
1.4	16QAM	1	0	23.12	23.64	23.03	
1.4	16QAM	1	3	23.08	23.49	23.16	
1.4	16QAM	1	5	22.80	23.45	23.72	23
1.4	16QAM	3	0	23.08	23.11	23.03	
1.4	16QAM	3	1	23.10	23.06	23.00	
1.4	16QAM	3	3	23.12	23.03	22.95	23
1.4	16QAM	6	0	22.11	22.17	22.03	
1.4	64QAM	1	0	21.94	21.60	21.51	
1.4	64QAM	1	3	21.62	21.21	21.88	23
1.4	64QAM	1	5	21.35	22.20	22.30	
1.4	64QAM	3	0	21.94	21.60	21.51	
1.4	64QAM	3	1	21.62	21.21	21.88	22
1.4	64QAM	3	3	21.35	22.20	22.30	
1.4	64QAM	6	0	20.64	20.63	20.69	
1.4	256QAM	1	0	19.82	19.63	19.60	20
1.4	256QAM	1	3	19.69	19.61	19.72	
1.4	256QAM	1	5	19.79	19.67	19.56	
1.4	256QAM	3	0	19.62	19.58	19.63	20
1.4	256QAM	3	1	19.63	19.62	19.54	
1.4	256QAM	3	3	19.55	19.62	19.64	
1.4	256QAM	6	0	19.67	19.61	19.65	20



<LTE Band 12 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	20.00	19.98	19.94	21.5
10	QPSK	1	25	19.99	19.97	20.00	
10	QPSK	1	49	20.02	20.07	20.03	
10	QPSK	25	0	20.10	20.09	20.10	21.5
10	QPSK	25	12	20.19	20.15	20.17	
10	QPSK	25	25	20.16	20.14	20.09	
10	QPSK	50	0	20.12	20.16	20.10	21.5
10	16QAM	1	0	20.00	19.98	19.91	
10	16QAM	1	25	20.00	20.00	19.98	
10	16QAM	1	49	20.00	20.04	20.01	21.5
10	16QAM	25	0	19.72	19.71	19.69	
10	16QAM	25	12	19.80	19.78	19.71	
10	16QAM	25	25	19.77	19.77	19.77	21.5
10	16QAM	50	0	19.81	19.78	19.68	
10	64QAM	1	0	19.95	19.98	19.91	
10	64QAM	1	25	20.04	20.04	20.04	21.5
10	64QAM	1	49	20.02	20.09	20.07	
10	64QAM	25	0	19.89	19.88	19.88	
10	64QAM	25	12	19.97	19.95	19.91	21.5
10	64QAM	25	25	19.95	19.91	19.95	
10	64QAM	50	0	19.96	19.92	19.87	
10	256QAM	1	0	19.60	19.68	19.64	21
10	256QAM	1	25	19.72	19.85	19.68	
10	256QAM	1	49	19.68	19.73	19.79	
10	256QAM	25	0	19.59	19.52	19.63	21
10	256QAM	25	12	19.76	19.68	19.53	
10	256QAM	25	25	19.66	19.73	19.70	
10	256QAM	50	0	19.65	19.57	19.55	Tune-up limit (dBm)
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	19.94	19.97	19.85	21.5
5	QPSK	1	12	19.97	19.90	19.90	
5	QPSK	1	24	19.97	20.00	19.97	
5	QPSK	12	0	20.07	20.06	20.09	21.5
5	QPSK	12	7	20.15	20.08	20.09	
5	QPSK	12	13	20.09	20.07	20.05	
5	QPSK	25	0	20.06	20.06	20.06	21.5
5	16QAM	1	0	19.93	19.94	19.84	
5	16QAM	1	12	19.90	19.92	19.88	
5	16QAM	1	24	19.91	19.94	19.90	21.5
5	16QAM	12	0	19.71	19.70	19.65	
5	16QAM	12	7	19.71	19.75	19.65	
5	16QAM	12	13	19.67	19.73	19.69	21.5
5	16QAM	25	0	19.80	19.68	19.64	
5	64QAM	1	0	19.90	19.92	19.87	
5	64QAM	1	12	19.99	20.02	20.02	21.5
5	64QAM	1	24	19.99	20.06	20.01	
5	64QAM	12	0	19.82	19.86	19.81	
5	64QAM	12	7	19.94	19.94	19.88	21.5
5	64QAM	12	13	19.89	19.85	19.94	
5	64QAM	25	0	19.94	19.89	19.83	
5	256QAM	1	0	19.55	19.57	19.63	21
5	256QAM	1	12	19.64	19.81	19.62	
5	256QAM	1	24	19.65	19.72	19.69	
5	256QAM	12	0	19.54	19.56	19.56	21
5	256QAM	12	7	19.72	19.66	19.53	
5	256QAM	12	13	19.59	19.62	19.68	



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5	256QAM	25	0	19.63	19.51	19.50	
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	19.92	19.89	19.92	21.5
3	QPSK	1	8	19.96	19.86	19.97	
3	QPSK	1	14	20.01	20.04	19.98	
3	QPSK	8	0	19.99	20.06	20.02	21.5
3	QPSK	8	4	20.13	20.13	20.12	
3	QPSK	8	7	20.13	20.08	20.00	
3	QPSK	15	0	20.02	20.13	20.09	21.5
3	16QAM	1	0	19.91	19.93	19.90	
3	16QAM	1	8	19.93	19.93	19.96	
3	16QAM	1	14	19.96	19.94	19.93	21.5
3	16QAM	8	0	19.62	19.68	19.63	
3	16QAM	8	4	19.79	19.77	19.64	
3	16QAM	8	7	19.74	19.67	19.66	21.5
3	16QAM	15	0	19.79	19.73	19.63	
3	64QAM	1	0	19.93	19.88	19.84	
3	64QAM	1	8	19.94	19.97	20.00	21.5
3	64QAM	1	14	20.01	19.98	19.97	
3	64QAM	8	0	19.78	19.79	19.85	
3	64QAM	8	4	19.90	19.84	19.81	21.5
3	64QAM	8	7	19.88	19.89	19.93	
3	64QAM	15	0	19.92	19.89	19.80	
3	256QAM	1	0	19.51	19.62	19.54	21
3	256QAM	1	8	19.67	19.78	19.63	
3	256QAM	1	14	19.57	19.62	19.70	
3	256QAM	8	0	19.50	19.57	19.57	21
3	256QAM	8	4	19.72	19.60	19.54	
3	256QAM	8	7	19.58	19.72	19.61	
3	256QAM	15	0	19.54	19.55	19.51	
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	19.68	19.79	19.72	21.5
1.4	QPSK	1	3	19.76	19.66	19.73	
1.4	QPSK	1	5	19.84	19.83	19.70	
1.4	QPSK	3	0	19.84	19.82	19.77	21.5
1.4	QPSK	3	1	19.93	19.97	19.93	
1.4	QPSK	3	3	19.90	19.85	19.92	
1.4	QPSK	6	0	20.01	19.90	19.93	21.5
1.4	16QAM	1	0	19.73	19.76	19.56	
1.4	16QAM	1	3	19.66	19.79	19.83	
1.4	16QAM	1	5	19.71	19.84	19.79	21.5
1.4	16QAM	3	0	19.60	19.55	19.62	
1.4	16QAM	3	1	19.72	19.58	19.55	
1.4	16QAM	3	3	19.65	19.74	19.63	21.5
1.4	16QAM	6	0	19.76	19.65	19.61	
1.4	64QAM	1	0	19.86	19.80	19.76	
1.4	64QAM	1	3	19.90	19.84	19.89	21.5
1.4	64QAM	1	5	19.83	19.97	19.76	
1.4	64QAM	3	0	19.66	19.70	19.77	
1.4	64QAM	3	1	19.78	19.77	19.75	21.5
1.4	64QAM	3	3	19.78	19.73	19.77	
1.4	64QAM	6	0	19.71	19.79	19.71	
1.4	256QAM	1	0	19.50	19.57	19.58	21
1.4	256QAM	1	3	19.64	19.73	19.60	
1.4	256QAM	1	5	19.52	19.67	19.68	
1.4	256QAM	3	0	19.50	19.62	19.51	21
1.4	256QAM	3	1	19.65	19.56	19.59	
1.4	256QAM	3	3	19.61	19.59	19.52	
1.4	256QAM	6	0	19.54	19.51	19.57	21

<LTE Band 13 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		24.34		25
10	QPSK	1	25		24.30		
10	QPSK	1	49		24.28		
10	QPSK	25	0		23.43		24
10	QPSK	25	12		23.43		
10	QPSK	25	25		23.46		
10	QPSK	50	0		23.44		24
10	16QAM	1	0		23.66		
10	16QAM	1	25		23.69		
10	16QAM	1	49		23.63		23
10	16QAM	25	0		22.45		
10	16QAM	25	12		22.43		
10	16QAM	25	25		22.52		23
10	16QAM	50	0		22.43		
10	64QAM	1	0		22.54		
10	64QAM	1	25		22.61		23
10	64QAM	1	49		22.53		
10	64QAM	25	0		21.48		
10	64QAM	25	12		21.48		22
10	64QAM	25	25		21.21		
10	64QAM	50	0		21.47		
10	256QAM	1	0		19.68		20
10	256QAM	1	25		19.74		
10	256QAM	1	49		19.77		
10	256QAM	25	0		19.72		20
10	256QAM	25	12		19.65		
10	256QAM	25	25		19.75		
10	256QAM	50	0		19.85		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.28	24.24	24.18	25
5	QPSK	1	12	24.23	24.27	24.19	
5	QPSK	1	24	24.13	24.19	24.18	
5	QPSK	12	0	23.33	23.41	23.31	24
5	QPSK	12	7	23.31	23.40	23.40	
5	QPSK	12	13	23.33	23.43	23.37	
5	QPSK	25	0	23.30	23.33	23.32	24
5	16QAM	1	0	23.46	23.55	23.60	
5	16QAM	1	12	23.60	23.62	23.48	
5	16QAM	1	24	23.57	23.53	23.46	23
5	16QAM	12	0	22.38	22.34	22.37	
5	16QAM	12	7	22.31	22.37	22.29	
5	16QAM	12	13	22.36	22.50	22.36	23
5	16QAM	25	0	22.28	22.32	22.23	
5	64QAM	1	0	22.48	22.43	22.51	
5	64QAM	1	12	22.44	22.58	22.47	23
5	64QAM	1	24	22.44	22.42	22.37	
5	64QAM	12	0	21.37	21.42	21.41	
5	64QAM	12	7	21.32	21.42	21.43	22
5	64QAM	12	13	21.08	21.19	21.10	
5	64QAM	25	0	21.39	21.44	21.30	
5	256QAM	1	0	19.54	19.67	19.54	20
5	256QAM	1	12	19.62	19.66	19.67	
5	256QAM	1	24	19.65	19.70	19.66	
5	256QAM	12	0	19.56	19.65	19.59	20
5	256QAM	12	7	19.53	19.60	19.54	
5	256QAM	12	13	19.62	19.65	19.65	
5	256QAM	25	0	19.72	19.78	19.73	

<LTE Band 13 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		21.43		21.5
10	QPSK	1	25		21.42		
10	QPSK	1	49		21.38		
10	QPSK	25	0		21.20		21.5
10	QPSK	25	12		21.21		
10	QPSK	25	25		21.30		
10	QPSK	50	0		21.22		21.5
10	16QAM	1	0		21.06		
10	16QAM	1	25		21.02		
10	16QAM	1	49		21.04		21.5
10	16QAM	25	0		21.17		
10	16QAM	25	12		21.21		
10	16QAM	25	25		21.19		21.5
10	16QAM	50	0		21.20		
10	64QAM	1	0		21.29		
10	64QAM	1	25		21.38		21.5
10	64QAM	1	49		21.31		
10	64QAM	25	0		21.22		
10	64QAM	25	12		21.23		21.5
10	64QAM	25	25		21.25		
10	64QAM	50	0		21.03		
10	256QAM	1	0		19.65		21
10	256QAM	1	25		19.76		
10	256QAM	1	49		19.69		
10	256QAM	25	0		19.74		21
10	256QAM	25	12		19.63		
10	256QAM	25	25		19.68		
10	256QAM	50	0		19.70		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.40	21.30	21.35	21.5
5	QPSK	1	12	21.28	21.24	21.38	
5	QPSK	1	24	21.16	21.14	21.30	
5	QPSK	12	0	21.15	21.05	21.01	21.5
5	QPSK	12	7	21.41	21.32	21.35	
5	QPSK	12	13	21.08	21.07	21.23	
5	QPSK	25	0	21.02	20.94	21.20	21.5
5	16QAM	1	0	20.99	20.89	21.08	
5	16QAM	1	12	20.88	20.83	21.00	
5	16QAM	1	24	21.09	20.99	21.07	21.5
5	16QAM	12	0	21.36	21.27	21.19	
5	16QAM	12	7	21.09	21.07	21.29	
5	16QAM	12	13	20.97	20.93	21.06	21.5
5	16QAM	25	0	21.09	21.08	21.20	
5	64QAM	1	0	21.03	21.01	21.16	
5	64QAM	1	12	21.12	21.06	21.30	21.5
5	64QAM	1	24	21.04	20.98	21.14	
5	64QAM	12	0	21.13	21.07	21.28	
5	64QAM	12	7	21.01	20.96	21.01	21.5
5	64QAM	12	13	21.06	21.03	21.03	
5	64QAM	25	0	20.54	20.45	20.73	
5	256QAM	1	0	19.75	19.66	19.81	21
5	256QAM	1	12	19.60	19.72	19.50	
5	256QAM	1	24	19.92	19.89	19.72	
5	256QAM	12	0	19.69	19.63	19.83	21
5	256QAM	12	7	19.84	19.75	19.69	
5	256QAM	12	13	19.86	19.79	19.72	
5	256QAM	25	0	19.82	19.77	19.78	

<LTE Band 14 Ant 1 Default>								
BW [MHz]		Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		24.32		25	
10	QPSK	1	25		23.87			
10	QPSK	1	49		23.93			
10	QPSK	25	0		23.01			
10	QPSK	25	12		23.18		24	
10	QPSK	25	25		23.02			
10	QPSK	50	0		23.11			
10	16QAM	1	0		23.27			
10	16QAM	1	25		23.42		24	
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.95			
10	16QAM	25	12		22.11		23	
10	16QAM	25	25		22.08			
10	16QAM	50	0		22.09			
10	64QAM	1	0		22.30			
10	64QAM	1	25		21.90		23	
10	64QAM	1	49		22.00			
10	64QAM	25	0		21.13			
10	64QAM	25	12		21.06		22	
10	64QAM	25	25		20.83			
10	64QAM	50	0		20.98			
10	256QAM	1	0		19.68			
10	256QAM	1	25		19.65		20	
10	256QAM	1	49		19.68			
10	256QAM	25	0		19.57			
10	256QAM	25	12		19.66		20	
10	256QAM	25	25		19.61			
10	256QAM	50	0		19.63			
Channel				23305	23330	23355		Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	24.26	24.26	24.30	25	
5	QPSK	1	12	23.76	23.85	23.81		
5	QPSK	1	24	23.82	23.84	23.72		
5	QPSK	12	0	22.84	22.96	22.83		
5	QPSK	12	7	23.14	23.16	22.89	24	
5	QPSK	12	13	23.11	22.99	22.97		
5	QPSK	25	0	22.91	23.00	23.19		
5	16QAM	1	0	23.22	23.21	23.20		
5	16QAM	1	12	23.43	23.32	23.24	24	
5	16QAM	1	24	23.51	23.44	23.62		
5	16QAM	12	0	21.76	21.93	21.74		
5	16QAM	12	7	22.09	22.09	22.08		
5	16QAM	12	13	21.89	22.05	21.95	23	
5	16QAM	25	0	22.19	22.05	21.95		
5	64QAM	1	0	22.04	22.27	22.22		
5	64QAM	1	12	21.76	21.80	21.80		
5	64QAM	1	24	21.99	21.94	22.04	23	
5	64QAM	12	0	21.03	21.02	21.23		
5	64QAM	12	7	21.07	21.03	21.08		
5	64QAM	12	13	20.86	20.77	20.66		
5	64QAM	25	0	20.77	20.95	20.90	22	
5	256QAM	1	0	19.64	19.61	19.63		
5	256QAM	1	12	19.58	19.60	19.64		
5	256QAM	1	24	19.52	19.65	19.54		
5	256QAM	12	0	19.60	19.55	19.50	20	
5	256QAM	12	7	19.75	19.60	19.69		
5	256QAM	12	13	19.42	19.56	19.67		
5	256QAM	25	0	19.34	19.57	19.55		

<LTE Band 14 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		21.09		22
10	QPSK	1	25		21.02		
10	QPSK	1	49		20.95		
10	QPSK	25	0		21.08		22
10	QPSK	25	12		21.16		
10	QPSK	25	25		21.12		
10	QPSK	50	0		21.15		22
10	16QAM	1	0		21.03		
10	16QAM	1	25		21.06		
10	16QAM	1	49		21.07		22
10	16QAM	25	0		21.04		
10	16QAM	25	12		21.09		
10	16QAM	25	25		21.05		22
10	16QAM	50	0		21.10		
10	64QAM	1	0		21.09		
10	64QAM	1	25		21.10		22
10	64QAM	1	49		21.05		
10	64QAM	25	0		21.08		
10	64QAM	25	12		21.00		22
10	64QAM	25	25		20.80		
10	64QAM	50	0		21.07		
10	256QAM	1	0		19.61		21
10	256QAM	1	25		19.65		
10	256QAM	1	49		19.69		
10	256QAM	25	0		19.57		21
10	256QAM	25	12		19.56		
10	256QAM	25	25		19.60		
10	256QAM	50	0		19.60		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	20.96	20.96	20.90	22
5	QPSK	1	12	20.88	20.88	20.86	
5	QPSK	1	24	20.84	20.87	20.87	
5	QPSK	12	0	21.11	21.10	21.05	22
5	QPSK	12	7	21.10	21.12	21.10	
5	QPSK	12	13	20.95	20.94	20.93	
5	QPSK	25	0	20.94	20.90	20.91	22
5	16QAM	1	0	21.01	21.01	21.04	
5	16QAM	1	12	21.12	21.09	21.07	
5	16QAM	1	24	21.01	20.96	21.03	22
5	16QAM	12	0	21.05	20.98	21.08	
5	16QAM	12	7	20.91	20.90	20.92	
5	16QAM	12	13	20.89	20.83	20.83	22
5	16QAM	25	0	21.01	20.96	20.98	
5	64QAM	1	0	20.78	20.78	20.86	
5	64QAM	1	12	20.81	20.81	20.88	22
5	64QAM	1	24	20.93	21.00	20.96	
5	64QAM	12	0	20.84	20.92	20.91	
5	64QAM	12	7	20.95	20.95	20.90	22
5	64QAM	12	13	20.71	20.75	20.73	
5	64QAM	25	0	20.99	21.03	21.01	
5	256QAM	1	0	19.43	19.44	19.43	21
5	256QAM	1	12	19.46	19.47	19.42	
5	256QAM	1	24	19.48	19.47	19.52	
5	256QAM	12	0	19.57	19.54	19.48	21
5	256QAM	12	7	19.35	19.32	19.31	
5	256QAM	12	13	19.48	19.46	19.41	
5	256QAM	25	0	19.40	19.39	19.39	



<LTE Band 17 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.88	23.96	23.79	25
10	QPSK	1	25	23.96	24.21	24.11	
10	QPSK	1	49	23.95	23.98	23.92	
10	QPSK	25	0	23.03	23.01	23.00	24
10	QPSK	25	12	23.13	23.18	23.13	
10	QPSK	25	25	23.20	23.22	23.17	
10	QPSK	50	0	23.12	23.10	23.17	24
10	16QAM	1	0	23.28	23.53	23.20	
10	16QAM	1	25	23.41	23.58	23.17	
10	16QAM	1	49	23.35	23.66	22.91	23
10	16QAM	25	0	22.05	21.99	22.09	
10	16QAM	25	12	22.08	21.96	22.14	
10	16QAM	25	25	22.15	22.19	22.11	23
10	16QAM	50	0	21.97	22.11	22.15	
10	64QAM	1	0	21.70	21.76	21.97	
10	64QAM	1	25	21.95	21.93	22.22	22
10	64QAM	1	49	22.35	22.36	22.11	
10	64QAM	25	0	20.47	20.50	20.67	
10	64QAM	25	12	20.66	20.72	20.92	20
10	64QAM	25	25	20.76	20.94	21.04	
10	64QAM	50	0	20.70	20.68	20.79	
10	256QAM	1	0	19.61	19.63	19.54	20
10	256QAM	1	25	19.65	19.69	19.58	
10	256QAM	1	49	19.82	19.71	19.62	
10	256QAM	25	0	19.59	19.65	19.58	20
10	256QAM	25	12	19.67	19.63	19.58	
10	256QAM	25	25	19.59	19.69	19.55	
10	256QAM	50	0	19.61	19.58	19.60	Tune-up limit (dBm)
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.81	23.94	23.71	25
5	QPSK	1	12	23.94	24.11	24.10	
5	QPSK	1	24	23.84	23.97	23.82	
5	QPSK	12	0	23.00	22.90	22.91	24
5	QPSK	12	7	23.04	23.17	23.04	
5	QPSK	12	13	23.10	23.11	23.13	
5	QPSK	25	0	23.01	22.99	23.08	24
5	16QAM	1	0	23.27	23.50	23.16	
5	16QAM	1	12	23.34	23.55	23.15	
5	16QAM	1	24	23.26	23.62	22.84	23
5	16QAM	12	0	21.97	21.94	22.08	
5	16QAM	12	7	21.99	21.91	22.04	
5	16QAM	12	13	22.06	22.16	22.08	23
5	16QAM	25	0	21.95	22.06	22.04	
5	64QAM	1	0	21.64	21.73	21.92	
5	64QAM	1	12	21.85	21.91	22.11	22
5	64QAM	1	24	22.34	22.27	22.07	
5	64QAM	12	0	20.38	20.39	20.65	
5	64QAM	12	7	20.59	20.64	20.83	20
5	64QAM	12	13	20.75	20.88	20.96	
5	64QAM	25	0	20.66	20.62	20.72	
5	256QAM	1	0	19.60	19.58	19.48	20
5	256QAM	1	12	19.63	19.66	19.54	
5	256QAM	1	24	19.78	19.65	19.58	
5	256QAM	12	0	19.57	19.55	19.54	20
5	256QAM	12	7	19.60	19.58	19.55	
5	256QAM	12	13	19.58	19.59	19.44	
5	256QAM	25	0	19.56	19.56	19.56	

<LTE Band 17 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	20.00	19.98	20.01	21.5
10	QPSK	1	25	20.12	20.09	20.10	
10	QPSK	1	49	20.10	20.10	20.10	
10	QPSK	25	0	19.74	19.76	19.73	21.5
10	QPSK	25	12	19.93	19.83	19.81	
10	QPSK	25	25	19.90	19.90	19.87	
10	QPSK	50	0	19.81	19.78	19.80	21.5
10	16QAM	1	0	19.64	19.60	19.63	
10	16QAM	1	25	19.73	19.72	19.70	
10	16QAM	1	49	19.77	19.73	19.74	21.5
10	16QAM	25	0	19.75	19.75	19.76	
10	16QAM	25	12	19.87	19.81	19.80	
10	16QAM	25	25	19.90	19.90	19.89	21.5
10	16QAM	50	0	19.81	19.80	19.77	
10	64QAM	1	0	19.85	19.85	19.86	
10	64QAM	1	25	20.03	20.01	20.01	21.5
10	64QAM	1	49	20.01	19.99	20.00	
10	64QAM	25	0	19.75	19.76	19.78	
10	64QAM	25	12	19.92	19.84	19.75	21.5
10	64QAM	25	25	19.92	19.93	19.81	
10	64QAM	50	0	19.83	19.82	19.81	
10	256QAM	1	0	19.56	19.52	19.66	21
10	256QAM	1	25	19.73	19.65	19.51	
10	256QAM	1	49	19.64	19.70	19.58	
10	256QAM	25	0	19.58	19.65	19.50	21
10	256QAM	25	12	19.52	19.68	19.69	
10	256QAM	25	25	19.71	19.62	19.57	
10	256QAM	50	0	19.67	19.53	19.54	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	19.92	19.97	19.93	21.5
5	QPSK	1	12	20.10	20.00	20.03	
5	QPSK	1	24	20.08	20.01	20.09	
5	QPSK	12	0	19.71	19.73	19.65	21.5
5	QPSK	12	7	19.89	19.78	19.77	
5	QPSK	12	13	19.87	19.86	19.77	
5	QPSK	25	0	19.74	19.76	19.69	21.5
5	16QAM	1	0	19.60	19.50	19.54	
5	16QAM	1	12	19.67	19.68	19.63	
5	16QAM	1	24	19.74	19.71	19.65	21.5
5	16QAM	12	0	19.74	19.70	19.73	
5	16QAM	12	7	19.83	19.71	19.75	
5	16QAM	12	13	19.82	19.86	19.87	21.5
5	16QAM	25	0	19.71	19.73	19.66	
5	64QAM	1	0	19.79	19.75	19.83	
5	64QAM	1	12	19.98	19.99	19.93	21.5
5	64QAM	1	24	20.00	19.93	19.98	
5	64QAM	12	0	19.69	19.73	19.76	
5	64QAM	12	7	19.89	19.75	19.69	21.5
5	64QAM	12	13	19.85	19.86	19.77	
5	64QAM	25	0	19.77	19.79	19.73	
5	256QAM	1	0	19.49	19.51	19.61	21
5	256QAM	1	12	19.65	19.54	19.49	
5	256QAM	1	24	19.63	19.64	19.56	
5	256QAM	12	0	19.47	19.62	19.42	21
5	256QAM	12	7	19.50	19.66	19.60	
5	256QAM	12	13	19.68	19.56	19.51	
5	256QAM	25	0	19.56	19.46	19.45	



<LTE Band 25 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.46	24.45	23.94	25
20	QPSK	1	49	24.44	24.38	23.90	
20	QPSK	1	99	24.17	24.39	23.25	
20	QPSK	50	0	23.62	23.61	23.22	24
20	QPSK	50	24	23.66	23.64	23.23	
20	QPSK	50	50	23.42	23.59	23.03	
20	QPSK	100	0	23.64	23.57	22.66	24
20	16QAM	1	0	23.91	23.77	23.38	
20	16QAM	1	49	23.81	23.60	23.56	
20	16QAM	1	99	23.46	23.45	22.66	23
20	16QAM	50	0	22.65	22.64	22.47	
20	16QAM	50	24	22.67	22.61	22.37	
20	16QAM	50	50	22.54	22.57	22.13	23
20	16QAM	100	0	22.59	22.63	22.09	
20	64QAM	1	0	22.09	22.02	21.11	
20	64QAM	1	49	21.79	22.44	21.45	22
20	64QAM	1	99	21.96	22.17	21.06	
20	64QAM	50	0	21.17	21.02	20.52	
20	64QAM	50	24	20.92	21.19	20.55	20.5
20	64QAM	50	50	20.77	21.28	20.17	
20	64QAM	100	0	20.99	20.98	20.04	
20	256QAM	1	0	20.14	20.20	20.15	20.5
20	256QAM	1	49	20.23	20.29	20.21	
20	256QAM	1	99	20.20	20.17	20.20	
20	256QAM	50	0	20.30	20.18	20.16	20.5
20	256QAM	50	24	20.23	20.12	20.05	
20	256QAM	50	50	20.11	20.03	20.12	
20	256QAM	100	0	20.17	20.06	20.00	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.45	24.40	23.93	25
15	QPSK	1	37	24.35	24.37	23.89	
15	QPSK	1	74	24.10	24.32	23.20	
15	QPSK	36	0	23.52	23.54	23.20	24
15	QPSK	36	20	23.58	23.62	23.17	
15	QPSK	36	39	23.35	23.56	23.02	
15	QPSK	75	0	23.58	23.50	22.61	24
15	16QAM	1	0	23.90	23.73	23.33	
15	16QAM	1	37	23.78	23.56	23.48	
15	16QAM	1	74	23.40	23.38	22.64	23
15	16QAM	36	0	22.57	22.62	22.46	
15	16QAM	36	20	22.61	22.52	22.29	
15	16QAM	36	39	22.51	22.51	22.12	23
15	16QAM	75	0	22.56	22.56	22.06	
15	64QAM	1	0	22.05	22.02	21.06	
15	64QAM	1	37	21.71	22.42	21.38	22
15	64QAM	1	74	21.86	22.12	21.05	
15	64QAM	36	0	21.13	21.01	20.48	
15	64QAM	36	20	20.92	21.13	20.54	20.5
15	64QAM	36	39	20.74	21.21	20.13	
15	64QAM	75	0	20.98	20.89	20.03	
15	256QAM	1	0	20.06	20.12	20.08	20.5
15	256QAM	1	37	20.19	20.25	20.19	
15	256QAM	1	74	20.10	20.17	20.15	
15	256QAM	36	0	20.29	20.11	20.08	20.5
15	256QAM	36	20	20.20	20.10	20.00	
15	256QAM	36	39	20.01	19.98	20.06	



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15	256QAM	75	0	20.16	20.00	19.94	
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	24.38	24.36	23.87	25
10	QPSK	1	25	24.36	24.31	23.85	
10	QPSK	1	49	24.15	24.32	23.21	
10	QPSK	25	0	23.59	23.51	23.12	24
10	QPSK	25	12	23.66	23.61	23.21	
10	QPSK	25	25	23.39	23.51	23.02	
10	QPSK	50	0	23.55	23.56	22.56	24
10	16QAM	1	0	23.85	23.71	23.33	
10	16QAM	1	25	23.80	23.55	23.54	
10	16QAM	1	49	23.36	23.44	22.65	23
10	16QAM	25	0	22.58	22.57	22.40	
10	16QAM	25	12	22.65	22.53	22.32	
10	16QAM	25	25	22.45	22.54	22.10	23
10	16QAM	50	0	22.53	22.62	22.06	
10	64QAM	1	0	22.01	21.96	21.02	
10	64QAM	1	25	21.73	22.39	21.36	23
10	64QAM	1	49	21.95	22.14	21.00	
10	64QAM	25	0	21.17	20.97	20.42	22
10	64QAM	25	12	20.86	21.15	20.54	
10	64QAM	25	25	20.75	21.20	20.16	
10	64QAM	50	0	20.96	20.91	20.04	20.5
10	256QAM	1	0	20.10	20.12	20.13	
10	256QAM	1	25	20.13	20.24	20.20	
10	256QAM	1	49	20.18	20.12	20.11	20.5
10	256QAM	25	0	20.25	20.10	20.15	
10	256QAM	25	12	20.14	20.07	19.96	
10	256QAM	25	25	20.09	19.98	20.03	20.5
10	256QAM	50	0	20.11	19.99	19.90	
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	24.37	24.39	23.90	25
5	QPSK	1	12	24.36	24.31	23.87	
5	QPSK	1	24	24.07	24.37	23.16	
5	QPSK	12	0	23.61	23.56	23.14	24
5	QPSK	12	7	23.63	23.55	23.17	
5	QPSK	12	13	23.33	23.49	22.99	
5	QPSK	25	0	23.61	23.47	22.65	24
5	16QAM	1	0	23.85	23.75	23.29	
5	16QAM	1	12	23.77	23.51	23.46	
5	16QAM	1	24	23.38	23.45	22.62	23
5	16QAM	12	0	22.56	22.63	22.45	
5	16QAM	12	7	22.66	22.56	22.30	
5	16QAM	12	13	22.54	22.52	22.10	23
5	16QAM	25	0	22.49	22.62	22.08	
5	64QAM	1	0	22.00	21.98	21.09	
5	64QAM	1	12	21.75	22.36	21.37	22
5	64QAM	1	24	21.92	22.12	21.02	
5	64QAM	12	0	21.09	20.99	20.49	
5	64QAM	12	7	20.84	21.12	20.48	20.5
5	64QAM	12	13	20.70	21.25	20.11	
5	64QAM	25	0	20.92	20.98	20.01	
5	256QAM	1	0	20.07	20.20	20.06	20.5
5	256QAM	1	12	20.21	20.21	20.18	
5	256QAM	1	24	20.16	20.11	20.13	
5	256QAM	12	0	20.21	20.16	20.12	20.5
5	256QAM	12	7	20.18	20.12	19.96	
5	256QAM	12	13	20.04	19.93	20.11	
5	256QAM	25	0	20.08	20.03	19.99	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.41	24.41	23.84	25
3	QPSK	1	8	24.40	24.37	23.82	
3	QPSK	1	14	24.07	24.39	23.24	
3	QPSK	8	0	23.59	23.51	23.13	24
3	QPSK	8	4	23.57	23.59	23.16	
3	QPSK	8	7	23.35	23.50	22.99	
3	QPSK	15	0	23.63	23.48	22.62	24
3	16QAM	1	0	23.81	23.72	23.32	
3	16QAM	1	8	23.76	23.60	23.47	
3	16QAM	1	14	23.44	23.35	22.60	23
3	16QAM	8	0	22.63	22.64	22.45	
3	16QAM	8	4	22.64	22.55	22.36	
3	16QAM	8	7	22.44	22.47	22.07	23
3	16QAM	15	0	22.56	22.58	22.00	
3	64QAM	1	0	22.01	22.01	21.10	
3	64QAM	1	8	21.74	22.37	21.36	22
3	64QAM	1	14	21.89	22.16	21.06	
3	64QAM	8	0	21.12	20.94	20.49	
3	64QAM	8	4	20.90	21.15	20.48	20.5
3	64QAM	8	7	20.70	21.28	20.07	
3	64QAM	15	0	20.90	20.89	20.02	
3	256QAM	1	0	20.13	20.17	20.12	20.5
3	256QAM	1	8	20.19	20.19	20.21	
3	256QAM	1	14	20.12	20.07	20.12	
3	256QAM	8	0	20.28	20.13	20.10	20.5
3	256QAM	8	4	20.17	20.07	19.98	
3	256QAM	8	7	20.08	19.94	20.09	
3	256QAM	15	0	20.17	20.05	19.99	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.28	24.19	23.18	25
1.4	QPSK	1	3	24.41	24.33	23.05	
1.4	QPSK	1	5	24.36	24.29	23.15	
1.4	QPSK	3	0	24.32	24.20	23.19	
1.4	QPSK	3	1	24.42	24.30	23.06	
1.4	QPSK	3	3	24.41	24.34	23.19	24
1.4	QPSK	6	0	23.44	23.33	22.14	
1.4	16QAM	1	0	23.56	23.45	22.35	
1.4	16QAM	1	3	23.72	23.69	22.26	
1.4	16QAM	1	5	23.62	23.54	22.07	
1.4	16QAM	3	0	23.42	23.35	22.24	23
1.4	16QAM	3	1	23.47	23.42	22.15	
1.4	16QAM	3	3	23.48	23.39	22.07	
1.4	16QAM	6	0	22.40	22.36	21.33	
1.4	64QAM	1	0	22.28	22.06	21.36	
1.4	64QAM	1	3	22.34	22.08	21.30	22
1.4	64QAM	1	5	22.30	22.04	21.16	
1.4	64QAM	3	0	22.33	22.09	21.52	
1.4	64QAM	3	1	22.41	22.14	21.50	
1.4	64QAM	3	3	22.33	22.10	21.45	
1.4	64QAM	6	0	21.39	21.13	20.80	20.5
1.4	256QAM	1	0	19.43	19.10	19.02	
1.4	256QAM	1	3	19.60	19.17	19.14	
1.4	256QAM	1	5	19.12	19.07	19.04	
1.4	256QAM	3	0	19.24	19.03	19.03	
1.4	256QAM	3	1	19.13	18.97	18.94	20.5
1.4	256QAM	3	3	19.02	18.89	19.07	
1.4	256QAM	6	0	19.10	19.02	18.91	

<LTE Band 25 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.83	19.84	19.87	20
20	QPSK	1	49	19.79	19.81	19.79	
20	QPSK	1	99	19.72	19.77	19.70	
20	QPSK	50	0	19.88	19.89	19.85	20
20	QPSK	50	24	19.99	19.97	19.94	
20	QPSK	50	50	19.95	19.93	19.93	
20	QPSK	100	0	19.97	19.89	19.87	20
20	16QAM	1	0	19.97	19.95	19.90	
20	16QAM	1	49	19.90	19.94	19.85	
20	16QAM	1	99	19.80	19.86	19.82	20
20	16QAM	50	0	19.65	19.64	19.60	
20	16QAM	50	24	19.76	19.69	19.70	
20	16QAM	50	50	19.71	19.74	19.72	20
20	16QAM	100	0	19.71	19.65	19.60	
20	64QAM	1	0	19.79	19.80	19.78	
20	64QAM	1	49	19.77	19.86	19.78	20
20	64QAM	1	99	19.73	19.79	19.76	
20	64QAM	50	0	19.64	19.70	19.63	
20	64QAM	50	24	19.73	19.71	19.74	20
20	64QAM	50	50	19.71	19.77	19.73	
20	64QAM	100	0	19.71	19.67	19.63	
20	256QAM	1	0	19.79	19.81	19.73	20
20	256QAM	1	49	19.83	19.84	19.76	
20	256QAM	1	99	19.73	19.69	19.79	
20	256QAM	50	0	19.86	19.60	19.67	20
20	256QAM	50	24	19.73	19.55	19.56	
20	256QAM	50	50	19.75	19.60	19.66	
20	256QAM	100	0	19.80	19.54	19.56	Tune-up limit (dBm)
Channel				26115	26340	26615	
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.78	19.78	19.80	20
15	QPSK	1	37	19.79	19.81	19.75	
15	QPSK	1	74	19.71	19.73	19.64	
15	QPSK	36	0	19.81	19.82	19.77	20
15	QPSK	36	20	19.90	19.89	19.92	
15	QPSK	36	39	19.87	19.91	19.83	
15	QPSK	75	0	19.87	19.83	19.82	20
15	16QAM	1	0	19.90	19.87	19.85	
15	16QAM	1	37	19.90	19.84	19.83	
15	16QAM	1	74	19.80	19.82	19.72	20
15	16QAM	36	0	19.57	19.61	19.52	
15	16QAM	36	20	19.73	19.60	19.62	
15	16QAM	36	39	19.71	19.71	19.63	20
15	16QAM	75	0	19.69	19.61	19.55	
15	64QAM	1	0	19.78	19.71	19.69	
15	64QAM	1	37	19.67	19.83	19.74	20
15	64QAM	1	74	19.68	19.70	19.73	
15	64QAM	36	0	19.62	19.62	19.56	
15	64QAM	36	20	19.68	19.62	19.69	20
15	64QAM	36	39	19.70	19.70	19.69	
15	64QAM	75	0	19.65	19.66	19.55	
15	256QAM	1	0	19.79	19.73	19.63	20
15	256QAM	1	37	19.73	19.78	19.70	
15	256QAM	1	74	19.72	19.59	19.74	
15	256QAM	36	0	19.77	19.50	19.67	20
15	256QAM	36	20	19.65	19.53	19.47	
15	256QAM	36	39	19.75	19.60	19.62	



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15	256QAM	75	0	19.76	19.53	19.51	
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.75	19.81	19.79	20
10	QPSK	1	25	19.77	19.71	19.72	
10	QPSK	1	49	19.67	19.71	19.65	
10	QPSK	25	0	19.84	19.89	19.85	20
10	QPSK	25	12	19.91	19.90	19.92	
10	QPSK	25	25	19.91	19.84	19.93	
10	QPSK	50	0	19.97	19.84	19.79	20
10	16QAM	1	0	19.89	19.95	19.88	
10	16QAM	1	25	19.87	19.90	19.75	
10	16QAM	1	49	19.73	19.76	19.79	20
10	16QAM	25	0	19.62	19.57	19.57	
10	16QAM	25	12	19.73	19.67	19.60	
10	16QAM	25	25	19.62	19.69	19.69	20
10	16QAM	50	0	19.70	19.55	19.56	
10	64QAM	1	0	19.74	19.75	19.73	
10	64QAM	1	25	19.71	19.76	19.69	20
10	64QAM	1	49	19.65	19.69	19.75	
10	64QAM	25	0	19.59	19.64	19.60	
10	64QAM	25	12	19.73	19.63	19.73	20
10	64QAM	25	25	19.68	19.67	19.69	
10	64QAM	50	0	19.63	19.60	19.57	
10	256QAM	1	0	19.70	19.79	19.69	20
10	256QAM	1	25	19.79	19.78	19.69	
10	256QAM	1	49	19.71	19.66	19.72	
10	256QAM	25	0	19.84	19.55	19.60	20
10	256QAM	25	12	19.65	19.54	19.56	
10	256QAM	25	25	19.73	19.50	19.64	
10	256QAM	50	0	19.75	19.45	19.51	
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.82	19.83	19.78	20
5	QPSK	1	12	19.72	19.75	19.73	
5	QPSK	1	24	19.70	19.67	19.60	
5	QPSK	12	0	19.78	19.81	19.81	20
5	QPSK	12	7	19.95	19.90	19.93	
5	QPSK	12	13	19.94	19.90	19.85	
5	QPSK	25	0	19.89	19.89	19.86	20
5	16QAM	1	0	19.91	19.90	19.80	
5	16QAM	1	12	19.86	19.91	19.83	
5	16QAM	1	24	19.75	19.81	19.73	20
5	16QAM	12	0	19.60	19.64	19.50	
5	16QAM	12	7	19.76	19.62	19.66	
5	16QAM	12	13	19.70	19.72	19.70	20
5	16QAM	25	0	19.64	19.58	19.51	
5	64QAM	1	0	19.71	19.77	19.70	
5	64QAM	1	12	19.67	19.81	19.69	20
5	64QAM	1	24	19.69	19.70	19.71	
5	64QAM	12	0	19.57	19.69	19.61	
5	64QAM	12	7	19.63	19.65	19.73	20
5	64QAM	12	13	19.71	19.77	19.66	
5	64QAM	25	0	19.68	19.63	19.57	
5	256QAM	1	0	19.74	19.74	19.63	20
5	256QAM	1	12	19.77	19.74	19.71	
5	256QAM	1	24	19.70	19.63	19.76	
5	256QAM	12	0	19.81	19.57	19.59	20
5	256QAM	12	7	19.63	19.47	19.52	
5	256QAM	12	13	19.71	19.55	19.64	
5	256QAM	25	0	19.75	19.46	19.50	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.75	19.75	19.82	20
3	QPSK	1	8	19.74	19.73	19.76	
3	QPSK	1	14	19.67	19.76	19.63	
3	QPSK	8	0	19.79	19.84	19.85	20
3	QPSK	8	4	19.93	19.91	19.93	
3	QPSK	8	7	19.87	19.88	19.91	
3	QPSK	15	0	19.95	19.86	19.80	20
3	16QAM	1	0	19.93	19.92	19.89	
3	16QAM	1	8	19.89	19.94	19.81	
3	16QAM	1	14	19.79	19.85	19.79	20
3	16QAM	8	0	19.59	19.56	19.57	
3	16QAM	8	4	19.69	19.59	19.69	
3	16QAM	8	7	19.68	19.67	19.62	20
3	16QAM	15	0	19.62	19.64	19.51	
3	64QAM	1	0	19.71	19.78	19.70	
3	64QAM	1	8	19.68	19.78	19.78	20
3	64QAM	1	14	19.66	19.78	19.67	
3	64QAM	8	0	19.54	19.64	19.55	
3	64QAM	8	4	19.71	19.67	19.72	20
3	64QAM	8	7	19.70	19.71	19.68	
3	64QAM	15	0	19.62	19.65	19.53	
3	256QAM	1	0	19.69	19.77	19.65	20
3	256QAM	1	8	19.77	19.80	19.67	
3	256QAM	1	14	19.65	19.68	19.69	
3	256QAM	8	0	19.83	19.53	19.65	20
3	256QAM	8	4	19.70	19.55	19.49	
3	256QAM	8	7	19.65	19.54	19.66	
3	256QAM	15	0	19.77	19.45	19.48	
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	19.27	19.14	18.15	20
1.4	QPSK	1	3	19.33	19.33	18.36	
1.4	QPSK	1	5	19.31	19.19	18.09	
1.4	QPSK	3	0	19.30	19.11	18.17	20
1.4	QPSK	3	1	19.38	19.23	18.03	
1.4	QPSK	3	3	19.40	19.26	18.17	
1.4	QPSK	6	0	19.41	19.28	18.06	20
1.4	16QAM	1	0	19.46	19.44	18.27	20
1.4	16QAM	1	3	19.68	19.63	18.23	
1.4	16QAM	1	5	19.59	19.53	18.04	
1.4	16QAM	3	0	19.40	19.35	18.20	20
1.4	16QAM	3	1	19.45	19.38	18.07	
1.4	16QAM	3	3	19.48	19.33	18.06	
1.4	16QAM	6	0	19.36	19.34	18.23	20
1.4	64QAM	1	0	19.22	19.06	18.28	20
1.4	64QAM	1	3	19.33	19.06	18.29	
1.4	64QAM	1	5	19.27	19.02	18.08	
1.4	64QAM	3	0	19.25	19.03	18.42	20
1.4	64QAM	3	1	19.33	19.13	18.50	
1.4	64QAM	3	3	19.30	19.03	18.41	
1.4	64QAM	6	0	19.33	19.05	18.71	20
1.4	256QAM	1	0	19.43	19.05	19.00	20
1.4	256QAM	1	3	19.60	19.17	19.11	
1.4	256QAM	1	5	19.10	19.06	19.04	
1.4	256QAM	3	0	19.15	18.95	19.03	20
1.4	256QAM	3	1	19.12	18.87	18.90	
1.4	256QAM	3	3	18.94	18.83	19.01	
1.4	256QAM	6	0	19.08	19.02	18.82	20



<LTE Band 26 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.12	23.95	23.93	25
15	QPSK	1	37	23.95	23.94	23.91	
15	QPSK	1	74	23.98	23.91	23.85	
15	QPSK	36	0	23.04	23.11	23.05	24
15	QPSK	36	20	23.17	23.12	23.11	
15	QPSK	36	39	23.08	23.08	23.09	
15	QPSK	75	0	23.11	23.13	23.09	24
15	16QAM	1	0	23.38	23.53	23.53	
15	16QAM	1	37	23.05	23.42	23.61	
15	16QAM	1	74	23.01	23.38	23.35	23
15	16QAM	36	0	22.13	22.12	22.05	
15	16QAM	36	20	22.09	22.12	21.97	
15	16QAM	36	39	22.10	21.98	21.95	23
15	16QAM	75	0	22.14	22.16	22.05	
15	64QAM	1	0	21.90	21.72	21.89	
15	64QAM	1	37	22.44	22.22	22.38	22
15	64QAM	1	74	21.98	22.23	21.58	
15	64QAM	36	0	20.97	21.13	21.12	
15	64QAM	36	20	21.16	20.92	21.14	20
15	64QAM	36	39	21.18	21.09	20.79	
15	64QAM	75	0	21.17	21.09	20.98	
15	256QAM	1	0	19.70	19.73	19.59	20
15	256QAM	1	37	19.69	19.68	19.62	
15	256QAM	1	74	19.72	19.74	19.65	
15	256QAM	36	0	19.67	19.72	19.58	20
15	256QAM	36	20	19.68	19.65	19.59	
15	256QAM	36	39	19.59	19.59	19.61	
15	256QAM	75	0	19.56	19.68	19.66	Tune-up limit (dBm)
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.11	23.85	23.83	25
10	QPSK	1	25	23.93	23.87	23.89	
10	QPSK	1	49	23.92	23.88	23.81	
10	QPSK	25	0	23.03	23.02	23.02	24
10	QPSK	25	12	23.06	23.07	23.04	
10	QPSK	25	25	23.03	23.06	22.99	
10	QPSK	50	0	23.08	23.10	23.03	24
10	16QAM	1	0	23.28	23.46	23.44	
10	16QAM	1	25	23.04	23.31	23.56	
10	16QAM	1	49	22.96	23.28	23.30	23
10	16QAM	25	0	22.09	22.09	21.94	
10	16QAM	25	12	22.04	22.04	21.88	
10	16QAM	25	25	22.06	21.88	21.88	23
10	16QAM	50	0	22.13	22.05	21.97	
10	64QAM	1	0	21.83	21.70	21.82	
10	64QAM	1	25	22.42	22.13	22.35	22
10	64QAM	1	49	21.95	22.19	21.55	
10	64QAM	25	0	20.86	21.12	21.03	
10	64QAM	25	12	21.08	20.87	21.06	20
10	64QAM	25	25	21.13	21.03	20.75	
10	64QAM	50	0	21.09	21.05	20.96	
10	256QAM	1	0	19.64	19.69	19.53	20
10	256QAM	1	25	19.68	19.57	19.52	
10	256QAM	1	49	19.65	19.71	19.54	
10	256QAM	25	0	19.57	19.62	19.48	20
10	256QAM	25	12	19.64	19.59	19.50	
10	256QAM	25	25	19.57	19.56	19.58	



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10	256QAM	50	0	19.49	19.59	19.55	
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	24.06	23.94	23.89	25
5	QPSK	1	12	23.87	23.83	23.80	
5	QPSK	1	24	23.95	23.90	23.75	
5	QPSK	12	0	22.95	23.08	22.96	24
5	QPSK	12	7	23.12	23.09	23.05	
5	QPSK	12	13	23.03	22.97	22.98	
5	QPSK	25	0	23.03	23.06	23.02	24
5	16QAM	1	0	23.31	23.51	23.46	
5	16QAM	1	12	23.04	23.40	23.51	
5	16QAM	1	24	22.98	23.31	23.31	23
5	16QAM	12	0	22.04	22.05	21.98	
5	16QAM	12	7	22.00	22.07	21.94	
5	16QAM	12	13	22.09	21.93	21.85	23
5	16QAM	25	0	22.03	22.07	22.03	
5	64QAM	1	0	21.81	21.68	21.83	
5	64QAM	1	12	22.34	22.18	22.27	22
5	64QAM	1	24	21.89	22.21	21.52	
5	64QAM	12	0	20.86	21.07	21.01	
5	64QAM	12	7	21.12	20.89	21.08	20
5	64QAM	12	13	21.10	21.07	20.72	
5	64QAM	25	0	21.12	21.00	20.92	
5	256QAM	1	0	19.66	19.67	19.57	20
5	256QAM	1	12	19.62	19.64	19.56	
5	256QAM	1	24	19.61	19.65	19.62	
5	256QAM	12	0	19.65	19.62	19.54	20
5	256QAM	12	7	19.59	19.55	19.56	
5	256QAM	12	13	19.48	19.54	19.55	
5	256QAM	25	0	19.51	19.64	19.64	
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.01	23.92	23.85	25
3	QPSK	1	8	23.91	23.91	23.84	
3	QPSK	1	14	23.95	23.85	23.77	
3	QPSK	8	0	23.01	23.08	23.01	24
3	QPSK	8	4	23.08	23.09	23.04	
3	QPSK	8	7	22.98	23.06	22.99	
3	QPSK	15	0	23.08	23.06	23.01	24
3	16QAM	1	0	23.37	23.42	23.47	
3	16QAM	1	8	23.02	23.35	23.55	
3	16QAM	1	14	22.99	23.36	23.32	23
3	16QAM	8	0	22.09	22.11	22.04	
3	16QAM	8	4	22.00	22.08	21.93	
3	16QAM	8	7	22.04	21.91	21.90	23
3	16QAM	15	0	22.07	22.07	22.04	
3	64QAM	1	0	21.88	21.70	21.87	
3	64QAM	1	8	22.40	22.17	22.30	22
3	64QAM	1	14	21.89	22.17	21.57	
3	64QAM	8	0	20.91	21.07	21.05	
3	64QAM	8	4	21.13	20.81	21.10	20
3	64QAM	8	7	21.07	21.02	20.68	
3	64QAM	15	0	21.13	21.04	20.91	
3	256QAM	1	0	19.62	19.66	19.52	20
3	256QAM	1	8	19.63	19.57	19.54	
3	256QAM	1	14	19.64	19.66	19.56	
3	256QAM	8	0	19.63	19.66	19.53	20
3	256QAM	8	4	19.64	19.63	19.50	
3	256QAM	8	7	19.50	19.53	19.52	
3	256QAM	15	0	19.49	19.58	19.55	
Channel				26697	26865	27033	Tune-up limit



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Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.91	23.96	23.84	25
1.4	QPSK	1	3	24.09	24.10	24.09	
1.4	QPSK	1	5	23.93	24.02	23.75	
1.4	QPSK	3	0	24.01	24.07	23.94	
1.4	QPSK	3	1	23.95	23.98	24.10	
1.4	QPSK	3	3	23.87	23.98	23.97	
1.4	QPSK	6	0	23.53	23.59	23.47	24
1.4	16QAM	1	0	23.78	23.85	23.88	24
1.4	16QAM	1	3	23.88	23.96	23.86	
1.4	16QAM	1	5	23.81	23.92	23.61	
1.4	16QAM	3	0	23.61	23.68	23.55	
1.4	16QAM	3	1	23.75	23.77	23.74	
1.4	16QAM	3	3	23.60	23.71	23.78	
1.4	16QAM	6	0	22.62	22.70	22.73	23
1.4	64QAM	1	0	22.62	22.67	22.70	23
1.4	64QAM	1	3	22.53	22.59	22.66	
1.4	64QAM	1	5	22.50	22.60	22.70	
1.4	64QAM	3	0	22.56	22.64	22.40	
1.4	64QAM	3	1	22.61	22.63	22.53	
1.4	64QAM	3	3	22.62	22.66	22.47	
1.4	64QAM	6	0	21.59	21.62	21.77	22
1.4	256QAM	1	0	19.54	19.65	19.44	20
1.4	256QAM	1	3	19.68	19.69	19.86	
1.4	256QAM	1	5	19.58	19.62	19.73	
1.4	256QAM	3	0	19.63	19.67	19.58	
1.4	256QAM	3	1	19.65	19.71	19.45	
1.4	256QAM	3	3	19.41	19.52	19.38	
1.4	256QAM	6	0	19.64	19.67	19.65	20

<LTE Band 26 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	20.48	20.38	20.35	21
15	QPSK	1	37	20.38	20.33	20.35	
15	QPSK	1	74	20.35	20.34	20.19	
15	QPSK	36	0	20.22	20.18	20.18	21
15	QPSK	36	20	20.23	20.21	20.10	
15	QPSK	36	39	20.19	20.16	20.09	
15	QPSK	75	0	20.25	20.22	20.13	21
15	16QAM	1	0	20.17	20.06	20.04	
15	16QAM	1	37	20.04	20.02	20.00	
15	16QAM	1	74	20.04	20.03	19.91	21
15	16QAM	36	0	20.22	20.19	20.14	
15	16QAM	36	20	20.23	20.21	20.19	
15	16QAM	36	39	20.22	20.16	20.12	21
15	16QAM	75	0	20.23	20.22	20.12	
15	64QAM	1	0	20.38	20.23	20.23	
15	64QAM	1	37	20.34	20.24	20.26	21
15	64QAM	1	74	20.22	20.21	20.09	
15	64QAM	36	0	20.27	20.21	20.22	
15	64QAM	36	20	20.26	20.22	20.18	21
15	64QAM	36	39	20.22	20.19	20.19	
15	64QAM	75	0	20.24	20.22	20.14	
15	256QAM	1	0	19.84	19.72	19.71	21
15	256QAM	1	37	19.83	19.72	19.67	
15	256QAM	1	74	19.67	19.64	19.58	
15	256QAM	36	0	19.73	19.64	19.71	21
15	256QAM	36	20	19.75	19.63	19.66	
15	256QAM	36	39	19.65	19.61	19.59	
15	256QAM	75	0	19.63	19.69	19.58	Tune-up limit (dBm)
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	20.39	20.30	20.28	21
10	QPSK	1	25	20.32	20.31	20.29	
10	QPSK	1	49	20.26	20.29	20.09	
10	QPSK	25	0	20.19	20.10	20.11	21
10	QPSK	25	12	20.18	20.11	20.06	
10	QPSK	25	25	20.09	20.14	20.00	
10	QPSK	50	0	20.23	20.15	20.07	21
10	16QAM	1	0	20.07	19.98	20.03	
10	16QAM	1	25	19.97	19.94	19.93	
10	16QAM	1	49	19.98	19.97	19.87	21
10	16QAM	25	0	20.13	20.13	20.07	
10	16QAM	25	12	20.22	20.18	20.11	
10	16QAM	25	25	20.17	20.08	20.02	21
10	16QAM	50	0	20.20	20.14	20.07	
10	64QAM	1	0	20.37	20.15	20.15	
10	64QAM	1	25	20.29	20.21	20.20	21
10	64QAM	1	49	20.16	20.10	20.06	
10	64QAM	25	0	20.26	20.12	20.12	
10	64QAM	25	12	20.20	20.18	20.11	21
10	64QAM	25	25	20.15	20.16	20.12	
10	64QAM	50	0	20.16	20.14	20.12	
10	256QAM	1	0	19.73	19.63	19.61	21
10	256QAM	1	25	19.72	19.61	19.65	
10	256QAM	1	49	19.62	19.59	19.49	
10	256QAM	25	0	19.62	19.59	19.65	21
10	256QAM	25	12	19.69	19.54	19.60	
10	256QAM	25	25	19.60	19.55	19.50	



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10	256QAM	50	0	19.52	19.58	19.50	
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	20.44	20.34	20.24	21
5	QPSK	1	12	20.30	20.23	20.32	
5	QPSK	1	24	20.34	20.23	20.09	
5	QPSK	12	0	20.12	20.08	20.14	21
5	QPSK	12	7	20.21	20.19	20.02	
5	QPSK	12	13	20.10	20.09	20.03	
5	QPSK	25	0	20.18	20.16	20.05	21
5	16QAM	1	0	20.11	19.99	20.01	
5	16QAM	1	12	20.03	19.97	19.92	
5	16QAM	1	24	19.93	20.01	19.89	21
5	16QAM	12	0	20.12	20.14	20.09	
5	16QAM	12	7	20.12	20.20	20.11	
5	16QAM	12	13	20.14	20.10	20.03	21
5	16QAM	25	0	20.22	20.14	20.02	
5	64QAM	1	0	20.32	20.21	20.15	
5	64QAM	1	12	20.31	20.20	20.21	21
5	64QAM	1	24	20.21	20.19	20.00	
5	64QAM	12	0	20.23	20.18	20.18	
5	64QAM	12	7	20.22	20.13	20.15	21
5	64QAM	12	13	20.11	20.13	20.13	
5	64QAM	25	0	20.16	20.13	20.08	
5	256QAM	1	0	19.75	19.66	19.70	21
5	256QAM	1	12	19.72	19.63	19.63	
5	256QAM	1	24	19.66	19.53	19.54	
5	256QAM	12	0	19.64	19.60	19.63	21
5	256QAM	12	7	19.66	19.59	19.62	
5	256QAM	12	13	19.59	19.53	19.53	
5	256QAM	25	0	19.57	19.65	19.54	
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	20.37	20.35	20.29	21
3	QPSK	1	8	20.33	20.23	20.24	
3	QPSK	1	14	20.30	20.31	20.10	
3	QPSK	8	0	20.13	20.10	20.17	21
3	QPSK	8	4	20.19	20.14	19.99	
3	QPSK	8	7	20.17	20.12	20.01	
3	QPSK	15	0	20.15	20.12	20.12	21
3	16QAM	1	0	20.15	19.97	19.95	
3	16QAM	1	8	19.94	19.94	19.99	
3	16QAM	1	14	19.97	20.02	19.88	21
3	16QAM	8	0	20.21	20.12	20.08	
3	16QAM	8	4	20.21	20.13	20.09	
3	16QAM	8	7	20.20	20.06	20.08	21
3	16QAM	15	0	20.18	20.19	20.01	
3	64QAM	1	0	20.31	20.19	20.22	
3	64QAM	1	8	20.27	20.20	20.22	21
3	64QAM	1	14	20.15	20.13	19.99	
3	64QAM	8	0	20.26	20.11	20.20	
3	64QAM	8	4	20.22	20.12	20.17	21
3	64QAM	8	7	20.16	20.16	20.10	
3	64QAM	15	0	20.18	20.21	20.06	
3	256QAM	1	0	19.77	19.61	19.68	21
3	256QAM	1	8	19.79	19.67	19.62	
3	256QAM	1	14	19.65	19.59	19.53	
3	256QAM	8	0	19.68	19.58	19.61	21
3	256QAM	8	4	19.64	19.55	19.64	
3	256QAM	8	7	19.63	19.59	19.56	
3	256QAM	15	0	19.61	19.64	19.49	
Channel				26697	26865	27033	Tune-up limit



Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	20.47	20.34	20.26	21
1.4	QPSK	1	3	20.27	20.28	20.24	
1.4	QPSK	1	5	20.31	20.32	20.13	
1.4	QPSK	3	0	20.17	20.08	20.10	
1.4	QPSK	3	1	20.18	20.14	20.09	
1.4	QPSK	3	3	20.15	20.14	20.08	
1.4	QPSK	6	0	20.15	20.14	20.12	21
1.4	16QAM	1	0	20.10	20.03	19.94	21
1.4	16QAM	1	3	20.00	19.97	19.99	
1.4	16QAM	1	5	19.97	19.94	19.81	
1.4	16QAM	3	0	20.20	20.16	20.06	
1.4	16QAM	3	1	20.16	20.13	20.10	
1.4	16QAM	3	3	20.19	20.05	20.10	
1.4	16QAM	6	0	20.14	20.19	20.05	21
1.4	64QAM	1	0	20.33	20.13	20.20	21
1.4	64QAM	1	3	20.31	20.13	20.15	
1.4	64QAM	1	5	20.12	20.11	20.03	
1.4	64QAM	3	0	20.26	20.13	20.16	
1.4	64QAM	3	1	20.16	20.14	20.12	
1.4	64QAM	3	3	20.19	20.08	20.15	
1.4	64QAM	6	0	20.21	20.17	20.06	21
1.4	256QAM	1	0	19.78	19.69	19.67	21
1.4	256QAM	1	3	19.73	19.69	19.56	
1.4	256QAM	1	5	19.64	19.59	19.57	
1.4	256QAM	3	0	19.68	19.62	19.69	
1.4	256QAM	3	1	19.69	19.62	19.63	
1.4	256QAM	3	3	19.57	19.51	19.54	
1.4	256QAM	6	0	19.61	19.65	19.47	21

<LTE Band 30 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		24.34		25
10	QPSK	1	25		24.17		
10	QPSK	1	49		23.60		
10	QPSK	25	0		23.44		24
10	QPSK	25	12		23.38		
10	QPSK	25	25		23.19		
10	QPSK	50	0		23.34		24
10	16QAM	1	0		23.73		
10	16QAM	1	25		23.48		
10	16QAM	1	49		23.19		23
10	16QAM	25	0		22.48		
10	16QAM	25	12		22.59		
10	16QAM	25	25		22.70		23
10	16QAM	50	0		22.45		
10	64QAM	1	0		22.66		
10	64QAM	1	25		21.92		23
10	64QAM	1	49		21.31		
10	64QAM	25	0		21.10		
10	64QAM	25	12		20.92		22
10	64QAM	25	25		20.79		
10	64QAM	50	0		20.98		
10	256QAM	1	0		20.18		20.5
10	256QAM	1	25		20.12		
10	256QAM	1	49		20.07		
10	256QAM	25	0		20.08		20.5
10	256QAM	25	12		20.02		
10	256QAM	25	25		20.10		
10	256QAM	50	0		20.06		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.25	24.26	24.30	25
5	QPSK	1	12	24.12	24.17	24.16	
5	QPSK	1	24	23.54	23.52	23.51	
5	QPSK	12	0	23.34	23.36	23.38	24
5	QPSK	12	7	23.29	23.33	23.32	
5	QPSK	12	13	23.15	23.15	23.19	
5	QPSK	25	0	23.26	23.28	23.34	24
5	16QAM	1	0	23.70	23.70	23.66	
5	16QAM	1	12	23.48	23.48	23.48	
5	16QAM	1	24	23.19	23.13	23.13	23
5	16QAM	12	0	22.48	22.40	22.48	
5	16QAM	12	7	22.54	22.51	22.55	
5	16QAM	12	13	22.70	22.62	22.70	23
5	16QAM	25	0	22.43	22.44	22.41	
5	64QAM	1	0	22.60	22.62	22.59	
5	64QAM	1	12	21.87	21.89	21.86	23
5	64QAM	1	24	21.25	21.25	21.26	
5	64QAM	12	0	21.01	21.01	21.00	
5	64QAM	12	7	20.84	20.84	20.92	22
5	64QAM	12	13	20.78	20.74	20.79	
5	64QAM	25	0	20.92	20.92	20.96	
5	256QAM	1	0	20.09	19.98	20.17	20.5
5	256QAM	1	12	20.04	19.92	20.05	
5	256QAM	1	24	20.03	19.87	20.07	
5	256QAM	12	0	20.03	19.88	20.06	20.5
5	256QAM	12	7	19.99	19.82	19.98	
5	256QAM	12	13	20.04	19.90	20.08	
5	256QAM	25	0	20.02	19.86	20.05	

<LTE Band 30 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		18.97		20
10	QPSK	1	25		18.98		
10	QPSK	1	49		18.92		
10	QPSK	25	0		18.63		20
10	QPSK	25	12		18.70		
10	QPSK	25	25		18.79		
10	QPSK	50	0		18.76		20
10	16QAM	1	0		18.57		
10	16QAM	1	25		18.60		
10	16QAM	1	49		18.55		20
10	16QAM	25	0		18.62		
10	16QAM	25	12		18.69		
10	16QAM	25	25		18.76		20
10	16QAM	50	0		18.68		
10	64QAM	1	0		18.80		
10	64QAM	1	25		18.91		20
10	64QAM	1	49		18.85		
10	64QAM	25	0		18.68		
10	64QAM	25	12		18.71		20
10	64QAM	25	25		18.78		
10	64QAM	50	0		18.71		
10	256QAM	1	0		18.07		20
10	256QAM	1	25		18.07		
10	256QAM	1	49		18.01		
10	256QAM	25	0		18.00		20
10	256QAM	25	12		18.03		
10	256QAM	25	25		18.06		
10	256QAM	50	0		18.01		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	18.88	18.87	18.95	20
5	QPSK	1	12	18.95	18.97	18.87	
5	QPSK	1	24	18.86	18.84	18.81	
5	QPSK	12	0	18.55	18.56	18.60	20
5	QPSK	12	7	18.59	18.66	18.65	
5	QPSK	12	13	18.71	18.77	18.78	
5	QPSK	25	0	18.73	18.71	18.66	20
5	16QAM	1	0	18.50	18.50	18.47	
5	16QAM	1	12	18.49	18.50	18.53	
5	16QAM	1	24	18.47	18.50	18.46	20
5	16QAM	12	0	18.60	18.59	18.52	
5	16QAM	12	7	18.62	18.59	18.61	
5	16QAM	12	13	18.70	18.75	18.65	20
5	16QAM	25	0	18.67	18.66	18.61	
5	64QAM	1	0	18.74	18.79	18.79	
5	64QAM	1	12	18.84	18.90	18.90	20
5	64QAM	1	24	18.78	18.77	18.81	
5	64QAM	12	0	18.57	18.64	18.59	
5	64QAM	12	7	18.65	18.68	18.64	20
5	64QAM	12	13	18.75	18.69	18.75	
5	64QAM	25	0	18.64	18.64	18.60	
5	256QAM	1	0	18.49	18.50	18.04	20
5	256QAM	1	12	18.58	18.53	18.52	
5	256QAM	1	24	18.48	18.51	18.50	
5	256QAM	12	0	18.52	18.60	18.45	20
5	256QAM	12	7	18.68	18.64	18.53	
5	256QAM	12	13	18.75	18.71	18.62	
5	256QAM	25	0	18.59	18.63	18.67	

<LTE Band 66 Ant 0 Default>							
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	24.46	24.40	24.50	25
20	QPSK	1	49	24.37	24.10	23.93	
20	QPSK	1	99	24.42	24.35	24.33	
20	QPSK	50	0	23.59	23.54	23.41	24
20	QPSK	50	24	23.65	23.55	23.28	
20	QPSK	50	50	23.67	23.59	23.43	
20	QPSK	100	0	23.64	23.63	23.28	24
20	16QAM	1	0	23.88	23.14	23.45	
20	16QAM	1	49	23.80	23.44	23.34	
20	16QAM	1	99	23.89	23.37	23.74	23
20	16QAM	50	0	22.58	22.69	22.55	
20	16QAM	50	24	22.62	22.56	22.39	
20	16QAM	50	50	22.58	22.58	22.51	23
20	16QAM	100	0	22.64	22.56	22.44	
20	64QAM	1	0	21.69	21.44	22.01	
20	64QAM	1	49	22.80	22.48	21.40	23
20	64QAM	1	99	21.78	22.56	21.89	
20	64QAM	50	0	21.05	20.76	20.55	22
20	64QAM	50	24	21.40	21.22	20.45	
20	64QAM	50	50	21.19	21.48	20.55	
20	64QAM	100	0	21.14	21.07	20.57	20.5
20	256QAM	1	0	20.30	20.22	20.29	
20	256QAM	1	49	20.21	20.24	20.19	
20	256QAM	1	99	20.24	20.22	20.28	20.5
20	256QAM	50	0	20.20	20.20	20.18	
20	256QAM	50	24	20.29	20.15	20.28	
20	256QAM	50	50	20.26	20.27	20.29	20.5
20	256QAM	100	0	20.24	20.06	20.26	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.41	24.31	24.45	25
15	QPSK	1	37	24.27	24.09	23.93	
15	QPSK	1	74	24.39	24.30	24.27	
15	QPSK	36	0	23.58	23.54	23.36	24
15	QPSK	36	20	23.60	23.48	23.21	
15	QPSK	36	39	23.65	23.57	23.38	
15	QPSK	75	0	23.62	23.61	23.25	24
15	16QAM	1	0	23.84	23.11	23.45	
15	16QAM	1	37	23.73	23.38	23.25	
15	16QAM	1	74	23.80	23.31	23.66	23
15	16QAM	36	0	22.50	22.64	22.45	
15	16QAM	36	20	22.56	22.53	22.38	
15	16QAM	36	39	22.50	22.54	22.42	23
15	16QAM	75	0	22.63	22.48	22.39	
15	64QAM	1	0	21.68	21.43	21.92	
15	64QAM	1	37	22.76	22.40	21.30	23
15	64QAM	1	74	21.76	22.46	21.89	
15	64QAM	36	0	20.99	20.74	20.50	22
15	64QAM	36	20	21.33	21.16	20.43	
15	64QAM	36	39	21.13	21.41	20.46	
15	64QAM	75	0	21.09	20.99	20.50	20.5
15	256QAM	1	0	20.20	20.15	20.26	
15	256QAM	1	37	20.21	20.22	20.16	
15	256QAM	1	74	20.23	20.18	20.21	20.5
15	256QAM	36	0	20.15	20.11	20.16	
15	256QAM	36	20	20.23	20.08	20.20	
15	256QAM	36	39	20.21	20.19	20.20	



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15	256QAM	75	0	20.14	20.04	20.21	
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.37	24.34	24.47	25
10	QPSK	1	25	24.32	24.08	23.83	
10	QPSK	1	49	24.40	24.32	24.24	
10	QPSK	25	0	23.55	23.47	23.37	24
10	QPSK	25	12	23.60	23.48	23.28	
10	QPSK	25	25	23.59	23.57	23.35	
10	QPSK	50	0	23.62	23.54	23.23	24
10	16QAM	1	0	23.80	23.04	23.37	
10	16QAM	1	25	23.79	23.37	23.27	
10	16QAM	1	49	23.81	23.32	23.68	23
10	16QAM	25	0	22.52	22.62	22.46	
10	16QAM	25	12	22.58	22.51	22.34	
10	16QAM	25	25	22.54	22.54	22.41	23
10	16QAM	50	0	22.64	22.53	22.35	
10	64QAM	1	0	21.60	21.41	21.96	
10	64QAM	1	25	22.76	22.41	21.39	23
10	64QAM	1	49	21.73	22.47	21.86	
10	64QAM	25	0	20.96	20.71	20.47	22
10	64QAM	25	12	21.38	21.16	20.42	
10	64QAM	25	25	21.19	21.46	20.50	
10	64QAM	50	0	21.04	21.01	20.52	20.5
10	256QAM	1	0	20.24	20.14	20.25	
10	256QAM	1	25	20.11	20.17	20.13	
10	256QAM	1	49	20.16	20.17	20.25	20.5
10	256QAM	25	0	20.15	20.20	20.10	
10	256QAM	25	12	20.26	20.10	20.26	
10	256QAM	25	25	20.16	20.21	20.25	20.5
10	256QAM	50	0	20.17	20.02	20.16	
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.42	24.30	24.45	25
5	QPSK	1	12	24.30	24.03	23.91	
5	QPSK	1	24	24.38	24.29	24.24	
5	QPSK	12	0	23.58	23.51	23.35	24
5	QPSK	12	7	23.60	23.46	23.25	
5	QPSK	12	13	23.64	23.54	23.33	
5	QPSK	25	0	23.64	23.56	23.23	24
5	16QAM	1	0	23.83	23.12	23.35	
5	16QAM	1	12	23.74	23.40	23.30	
5	16QAM	1	24	23.83	23.36	23.69	23
5	16QAM	12	0	22.53	22.61	22.51	
5	16QAM	12	7	22.57	22.49	22.37	
5	16QAM	12	13	22.57	22.57	22.49	23
5	16QAM	25	0	22.59	22.55	22.44	
5	64QAM	1	0	21.67	21.44	21.92	
5	64QAM	1	12	22.78	22.48	21.32	22
5	64QAM	1	24	21.68	22.51	21.82	
5	64QAM	12	0	21.05	20.70	20.48	
5	64QAM	12	7	21.37	21.22	20.37	20.5
5	64QAM	12	13	21.09	21.43	20.47	
5	64QAM	25	0	21.14	21.01	20.47	
5	256QAM	1	0	20.26	20.12	20.28	20.5
5	256QAM	1	12	20.14	20.23	20.14	
5	256QAM	1	24	20.17	20.21	20.25	
5	256QAM	12	0	20.13	20.13	20.08	20.5
5	256QAM	12	7	20.27	20.09	20.26	
5	256QAM	12	13	20.21	20.25	20.22	
5	256QAM	25	0	20.16	20.03	20.25	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.37	24.34	24.40	25
3	QPSK	1	8	24.30	24.09	23.86	
3	QPSK	1	14	24.40	24.31	24.32	
3	QPSK	8	0	23.56	23.46	23.31	24
3	QPSK	8	4	23.59	23.48	23.25	
3	QPSK	8	7	23.65	23.51	23.33	
3	QPSK	15	0	23.55	23.54	23.18	24
3	16QAM	1	0	23.86	23.14	23.44	
3	16QAM	1	8	23.80	23.44	23.26	
3	16QAM	1	14	23.79	23.35	23.66	23
3	16QAM	8	0	22.58	22.60	22.55	
3	16QAM	8	4	22.60	22.53	22.29	
3	16QAM	8	7	22.48	22.48	22.50	23
3	16QAM	15	0	22.54	22.49	22.34	
3	64QAM	1	0	21.68	21.41	21.98	
3	64QAM	1	8	22.80	22.48	21.38	22
3	64QAM	1	14	21.71	22.54	21.85	
3	64QAM	8	0	20.98	20.75	20.49	
3	64QAM	8	4	21.36	21.20	20.36	20.5
3	64QAM	8	7	21.12	21.47	20.53	
3	64QAM	15	0	21.10	21.00	20.51	
3	256QAM	1	0	20.26	20.19	20.29	20.5
3	256QAM	1	8	20.19	20.19	20.16	
3	256QAM	1	14	20.18	20.15	20.23	
3	256QAM	8	0	20.13	20.17	20.18	20.5
3	256QAM	8	4	20.20	20.15	20.27	
3	256QAM	8	7	20.16	20.20	20.26	
3	256QAM	15	0	20.16	20.01	20.19	
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.24	24.21	24.20	25
1.4	QPSK	1	3	24.33	24.27	24.16	
1.4	QPSK	1	5	24.29	24.24	24.02	
1.4	QPSK	3	0	24.23	24.26	24.17	24
1.4	QPSK	3	1	24.33	24.30	24.17	
1.4	QPSK	3	3	24.31	24.28	24.04	
1.4	QPSK	6	0	23.35	23.33	23.21	24
1.4	16QAM	1	0	23.42	23.54	23.38	
1.4	16QAM	1	3	23.51	23.66	23.34	
1.4	16QAM	1	5	23.48	23.44	23.23	23
1.4	16QAM	3	0	23.34	23.41	23.25	
1.4	16QAM	3	1	23.50	23.46	23.33	
1.4	16QAM	3	3	23.43	23.41	23.22	22
1.4	16QAM	6	0	22.45	22.36	22.29	
1.4	64QAM	1	0	21.46	22.06	21.42	
1.4	64QAM	1	3	21.56	22.14	21.42	20.5
1.4	64QAM	1	5	21.50	22.09	21.36	
1.4	64QAM	3	0	21.45	22.02	21.43	
1.4	64QAM	3	1	21.52	22.09	21.47	20.5
1.4	64QAM	3	3	21.50	22.04	21.37	
1.4	64QAM	6	0	20.51	21.04	20.46	
1.4	256QAM	1	0	19.54	19.49	19.41	20.5
1.4	256QAM	1	3	19.52	19.52	19.16	
1.4	256QAM	1	5	19.48	19.48	19.39	
1.4	256QAM	3	0	19.58	19.58	19.41	20.5
1.4	256QAM	3	1	19.69	19.56	19.43	
1.4	256QAM	3	3	19.59	19.65	19.38	
1.4	256QAM	6	0	19.63	19.48	19.18	20.5

<LTE Band 66 Ant 0 Reduced>							
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	19.96	19.99	19.93	20.5
20	QPSK	1	49	19.93	19.94	19.90	
20	QPSK	1	99	19.82	19.87	19.83	
20	QPSK	50	0	19.67	19.71	19.61	20.5
20	QPSK	50	24	19.63	19.68	19.68	
20	QPSK	50	50	19.70	19.69	19.69	
20	QPSK	100	0	19.71	19.70	19.68	20.5
20	16QAM	1	0	19.60	19.64	19.62	
20	16QAM	1	49	19.57	19.56	19.55	
20	16QAM	1	99	19.52	19.51	19.44	20.5
20	16QAM	50	0	19.73	19.68	19.68	
20	16QAM	50	24	19.66	19.65	19.64	
20	16QAM	50	50	19.67	19.67	19.65	20.5
20	16QAM	100	0	19.68	19.70	19.64	
20	64QAM	1	0	19.82	19.83	19.87	
20	64QAM	1	49	19.81	19.80	19.73	20.5
20	64QAM	1	99	19.79	19.79	19.71	
20	64QAM	50	0	19.70	19.72	19.71	
20	64QAM	50	24	19.79	19.68	19.70	20.5
20	64QAM	50	50	19.72	19.73	19.70	
20	64QAM	100	0	19.74	19.73	19.66	
20	256QAM	1	0	19.80	19.68	19.77	20.5
20	256QAM	1	49	19.74	19.70	19.69	
20	256QAM	1	99	19.72	19.75	19.81	
20	256QAM	50	0	19.72	19.68	19.65	20.5
20	256QAM	50	24	19.84	19.64	19.74	
20	256QAM	50	50	19.81	19.78	19.84	
20	256QAM	100	0	19.78	19.61	19.78	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.89	19.89	19.93	20.5
15	QPSK	1	37	19.89	19.89	19.82	
15	QPSK	1	74	19.77	19.77	19.73	
15	QPSK	36	0	19.66	19.64	19.53	20.5
15	QPSK	36	20	19.62	19.60	19.65	
15	QPSK	36	39	19.62	19.68	19.64	
15	QPSK	75	0	19.70	19.66	19.59	20.5
15	16QAM	1	0	19.53	19.62	19.55	
15	16QAM	1	37	19.50	19.53	19.45	
15	16QAM	1	74	19.43	19.50	19.35	20.5
15	16QAM	36	0	19.70	19.64	19.65	
15	16QAM	36	20	19.61	19.56	19.59	
15	16QAM	36	39	19.66	19.62	19.63	20.5
15	16QAM	75	0	19.58	19.60	19.58	
15	64QAM	1	0	19.74	19.76	19.84	
15	64QAM	1	37	19.80	19.79	19.70	20.5
15	64QAM	1	74	19.78	19.70	19.65	
15	64QAM	36	0	19.70	19.69	19.68	
15	64QAM	36	20	19.70	19.59	19.69	20.5
15	64QAM	36	39	19.63	19.66	19.64	
15	64QAM	75	0	19.65	19.69	19.64	
15	256QAM	1	0	19.73	19.66	19.73	20.5
15	256QAM	1	37	19.69	19.70	19.59	
15	256QAM	1	74	19.72	19.71	19.80	
15	256QAM	36	0	19.62	19.58	19.57	20.5
15	256QAM	36	20	19.82	19.63	19.73	
15	256QAM	36	39	19.78	19.76	19.76	



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15	256QAM	75	0	19.78	19.58	19.76	
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.92	19.93	19.86	20.5
10	QPSK	1	25	19.92	19.84	19.87	
10	QPSK	1	49	19.76	19.83	19.78	
10	QPSK	25	0	19.67	19.60	19.61	20.5
10	QPSK	25	12	19.58	19.62	19.64	
10	QPSK	25	25	19.63	19.65	19.64	
10	QPSK	50	0	19.71	19.63	19.68	20.5
10	16QAM	1	0	19.57	19.57	19.60	
10	16QAM	1	25	19.47	19.53	19.46	
10	16QAM	1	49	19.47	19.51	19.37	20.5
10	16QAM	25	0	19.65	19.64	19.61	
10	16QAM	25	12	19.62	19.63	19.63	
10	16QAM	25	25	19.67	19.67	19.59	20.5
10	16QAM	50	0	19.65	19.60	19.63	
10	64QAM	1	0	19.81	19.73	19.86	
10	64QAM	1	25	19.71	19.74	19.68	20.5
10	64QAM	1	49	19.69	19.70	19.62	
10	64QAM	25	0	19.70	19.71	19.68	
10	64QAM	25	12	19.71	19.65	19.61	20.5
10	64QAM	25	25	19.71	19.66	19.65	
10	64QAM	50	0	19.67	19.65	19.59	
10	256QAM	1	0	19.73	19.58	19.73	20.5
10	256QAM	1	25	19.69	19.63	19.68	
10	256QAM	1	49	19.62	19.69	19.79	
10	256QAM	25	0	19.70	19.68	19.58	20.5
10	256QAM	25	12	19.78	19.61	19.65	
10	256QAM	25	25	19.78	19.78	19.84	
10	256QAM	50	0	19.73	19.54	19.75	
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.92	19.94	19.83	20.5
5	QPSK	1	12	19.93	19.85	19.86	
5	QPSK	1	24	19.73	19.82	19.81	
5	QPSK	12	0	19.71	19.67	19.53	20.5
5	QPSK	12	7	19.63	19.67	19.64	
5	QPSK	12	13	19.64	19.62	19.67	
5	QPSK	25	0	19.70	19.62	19.60	20.5
5	16QAM	1	0	19.59	19.57	19.62	
5	16QAM	1	12	19.57	19.47	19.45	
5	16QAM	1	24	19.44	19.49	19.43	20.5
5	16QAM	12	0	19.70	19.59	19.62	
5	16QAM	12	7	19.59	19.65	19.64	
5	16QAM	12	13	19.66	19.59	19.62	20.5
5	16QAM	25	0	19.67	19.60	19.63	
5	64QAM	1	0	19.81	19.78	19.83	
5	64QAM	1	12	19.79	19.75	19.63	20.5
5	64QAM	1	24	19.76	19.72	19.62	
5	64QAM	12	0	19.62	19.64	19.62	
5	64QAM	12	7	19.76	19.67	19.68	20.5
5	64QAM	12	13	19.69	19.67	19.66	
5	64QAM	25	0	19.74	19.65	19.60	
5	256QAM	1	0	19.75	19.63	19.69	20.5
5	256QAM	1	12	19.72	19.69	19.69	
5	256QAM	1	24	19.67	19.68	19.77	
5	256QAM	12	0	19.62	19.62	19.62	20.5
5	256QAM	12	7	19.80	19.55	19.64	
5	256QAM	12	13	19.79	19.68	19.79	
5	256QAM	25	0	19.75	19.52	19.78	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.95	19.90	19.93	20.5
3	QPSK	1	8	19.85	19.86	19.83	
3	QPSK	1	14	19.82	19.82	19.78	
3	QPSK	8	0	19.61	19.61	19.58	20.5
3	QPSK	8	4	19.61	19.61	19.62	
3	QPSK	8	7	19.67	19.62	19.60	
3	QPSK	15	0	19.61	19.60	19.61	20.5
3	16QAM	1	0	19.54	19.54	19.58	
3	16QAM	1	8	19.53	19.56	19.54	
3	16QAM	1	14	19.52	19.45	19.39	20.5
3	16QAM	8	0	19.72	19.59	19.59	
3	16QAM	8	4	19.56	19.55	19.57	
3	16QAM	8	7	19.61	19.63	19.64	20.5
3	16QAM	15	0	19.61	19.70	19.63	
3	64QAM	1	0	19.75	19.73	19.80	
3	64QAM	1	8	19.73	19.80	19.71	20.5
3	64QAM	1	14	19.71	19.72	19.67	
3	64QAM	8	0	19.70	19.62	19.66	
3	64QAM	8	4	19.75	19.62	19.66	20.5
3	64QAM	8	7	19.64	19.67	19.69	
3	64QAM	15	0	19.64	19.66	19.60	
3	256QAM	1	0	19.70	19.66	19.67	20.5
3	256QAM	1	8	19.68	19.61	19.65	
3	256QAM	1	14	19.66	19.75	19.77	
3	256QAM	8	0	19.66	19.68	19.64	20.5
3	256QAM	8	4	19.83	19.58	19.64	
3	256QAM	8	7	19.77	19.69	19.74	
3	256QAM	15	0	19.75	19.55	19.76	
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.14	19.19	19.14	20.5
1.4	QPSK	1	3	19.28	19.18	19.12	
1.4	QPSK	1	5	19.25	19.24	19.02	
1.4	QPSK	3	0	19.23	19.23	19.12	20.5
1.4	QPSK	3	1	19.25	19.23	19.09	
1.4	QPSK	3	3	19.29	19.26	19.03	
1.4	QPSK	6	0	19.27	19.27	19.19	20.5
1.4	16QAM	1	0	19.38	19.50	19.34	20.5
1.4	16QAM	1	3	19.44	19.66	19.34	
1.4	16QAM	1	5	19.46	19.38	19.13	
1.4	16QAM	3	0	19.25	19.35	19.16	20.5
1.4	16QAM	3	1	19.49	19.36	19.30	
1.4	16QAM	3	3	19.38	19.34	19.20	
1.4	16QAM	6	0	19.43	19.27	19.20	20.5
1.4	64QAM	1	0	19.42	19.06	19.33	20.5
1.4	64QAM	1	3	19.47	19.07	19.41	
1.4	64QAM	1	5	19.49	19.00	19.30	
1.4	64QAM	3	0	19.37	18.99	19.36	20.5
1.4	64QAM	3	1	19.51	19.09	19.42	
1.4	64QAM	3	3	19.46	18.95	19.27	
1.4	64QAM	6	0	19.45	19.00	19.39	20.5
1.4	256QAM	1	0	19.49	19.44	19.37	20.5
1.4	256QAM	1	3	19.52	19.46	19.06	
1.4	256QAM	1	5	19.47	19.45	19.37	
1.4	256QAM	3	0	19.52	19.51	19.39	20.5
1.4	256QAM	3	1	19.59	19.50	19.40	
1.4	256QAM	3	3	19.53	19.60	19.33	
1.4	256QAM	6	0	19.55	19.45	19.10	20.5



<LTE Band 71 Ant 1 Default>							
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	23.82	23.88	23.86	25
20	QPSK	1	49	23.87	23.91	23.99	
20	QPSK	1	99	23.83	23.90	23.81	
20	QPSK	50	0	22.94	22.99	22.88	24
20	QPSK	50	24	23.02	22.92	22.93	
20	QPSK	50	50	23.04	23.06	23.06	
20	QPSK	100	0	22.87	23.02	22.93	24
20	16QAM	1	0	23.14	23.41	23.35	
20	16QAM	1	49	22.81	23.16	23.49	
20	16QAM	1	99	22.95	23.20	23.09	23
20	16QAM	50	0	22.04	21.99	21.87	
20	16QAM	50	24	22.05	22.01	21.96	
20	16QAM	50	50	22.09	22.06	22.13	23
20	16QAM	100	0	21.99	21.99	22.07	
20	64QAM	1	0	22.01	21.74	22.12	
20	64QAM	1	49	21.90	22.31	22.14	22
20	64QAM	1	99	21.36	22.26	22.06	
20	64QAM	50	0	20.16	20.99	20.60	
20	64QAM	50	24	21.07	21.05	20.99	20
20	64QAM	50	50	21.08	20.88	21.09	
20	64QAM	100	0	20.99	20.97	21.03	
20	256QAM	1	0	19.61	19.60	19.63	20
20	256QAM	1	49	19.61	19.65	19.60	
20	256QAM	1	99	19.68	19.71	19.70	
20	256QAM	50	0	19.65	19.63	19.68	20
20	256QAM	50	24	19.62	19.59	19.63	
20	256QAM	50	50	19.66	19.60	19.58	
20	256QAM	100	0	19.53	19.63	19.57	Tune-up limit (dBm)
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.77	23.87	23.81	25
15	QPSK	1	37	23.79	23.90	23.89	
15	QPSK	1	74	23.76	23.86	23.80	
15	QPSK	36	0	22.91	22.97	22.85	24
15	QPSK	36	20	22.93	22.91	22.89	
15	QPSK	36	39	22.98	23.02	23.03	
15	QPSK	75	0	22.86	23.01	22.89	24
15	16QAM	1	0	23.05	23.38	23.25	
15	16QAM	1	37	22.78	23.10	23.48	
15	16QAM	1	74	22.91	23.12	23.05	23
15	16QAM	36	0	21.97	21.92	21.79	
15	16QAM	36	20	21.97	21.93	21.87	
15	16QAM	36	39	22.06	22.06	22.11	23
15	16QAM	75	0	21.95	21.89	22.06	
15	64QAM	1	0	21.98	21.65	22.10	
15	64QAM	1	37	21.84	22.23	22.10	22
15	64QAM	1	74	21.34	22.20	21.96	
15	64QAM	36	0	20.13	20.94	20.50	
15	64QAM	36	20	21.02	21.02	20.89	20
15	64QAM	36	39	21.02	20.83	21.06	
15	64QAM	75	0	20.98	20.89	20.93	
15	256QAM	1	0	19.61	19.56	19.60	20
15	256QAM	1	37	19.51	19.58	19.58	
15	256QAM	1	74	19.63	19.64	19.67	
15	256QAM	36	0	19.60	19.61	19.60	20
15	256QAM	36	20	19.58	19.53	19.57	
15	256QAM	36	39	19.61	19.53	19.56	



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15	256QAM	75	0	19.46	19.60	19.47	
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.80	23.86	23.86	25
10	QPSK	1	25	23.77	23.82	23.89	
10	QPSK	1	49	23.77	23.80	23.80	
10	QPSK	25	0	22.84	22.93	22.79	24
10	QPSK	25	12	23.02	22.82	22.87	
10	QPSK	25	25	22.99	23.06	23.00	
10	QPSK	50	0	22.84	22.96	22.88	24
10	16QAM	1	0	23.08	23.36	23.29	
10	16QAM	1	25	22.72	23.09	23.40	
10	16QAM	1	49	22.95	23.16	22.99	23
10	16QAM	25	0	22.00	21.97	21.82	
10	16QAM	25	12	22.04	21.96	21.91	
10	16QAM	25	25	22.07	22.03	22.09	23
10	16QAM	50	0	21.93	21.92	21.98	
10	64QAM	1	0	21.97	21.70	22.10	
10	64QAM	1	25	21.87	22.25	22.07	23
10	64QAM	1	49	21.27	22.16	22.05	
10	64QAM	25	0	20.11	20.92	20.50	
10	64QAM	25	12	20.99	20.99	20.96	22
10	64QAM	25	25	21.01	20.82	21.09	
10	64QAM	50	0	20.99	20.97	20.99	
10	256QAM	1	0	19.57	19.52	19.54	20
10	256QAM	1	25	19.60	19.65	19.54	
10	256QAM	1	49	19.59	19.70	19.65	
10	256QAM	25	0	19.63	19.54	19.63	20
10	256QAM	25	12	19.56	19.49	19.54	
10	256QAM	25	25	19.65	19.54	19.53	
10	256QAM	50	0	19.48	19.56	19.51	
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.75	23.81	23.76	25
5	QPSK	1	12	23.77	23.90	23.89	
5	QPSK	1	24	23.82	23.80	23.76	
5	QPSK	12	0	22.85	22.92	22.81	24
5	QPSK	12	7	22.95	22.87	22.88	
5	QPSK	12	13	23.02	22.96	23.00	
5	QPSK	25	0	22.87	23.00	22.87	24
5	16QAM	1	0	23.07	23.36	23.33	
5	16QAM	1	12	22.71	23.15	23.40	
5	16QAM	1	24	22.95	23.11	23.06	23
5	16QAM	12	0	22.04	21.89	21.80	
5	16QAM	12	7	22.01	22.00	21.88	
5	16QAM	12	13	22.06	21.97	22.11	23
5	16QAM	25	0	21.92	21.89	22.07	
5	64QAM	1	0	22.00	21.68	22.03	
5	64QAM	1	12	21.85	22.24	22.11	23
5	64QAM	1	24	21.34	22.24	22.05	
5	64QAM	12	0	20.11	20.90	20.55	
5	64QAM	12	7	21.03	21.02	20.94	22
5	64QAM	12	13	20.99	20.78	21.06	
5	64QAM	25	0	20.93	20.87	20.99	
5	256QAM	1	0	19.52	19.60	19.62	20
5	256QAM	1	12	19.57	19.61	19.58	
5	256QAM	1	24	19.65	19.64	19.70	
5	256QAM	12	0	19.65	19.56	19.63	20
5	256QAM	12	7	19.59	19.55	19.61	
5	256QAM	12	13	19.62	19.58	19.48	
5	256QAM	25	0	19.51	19.62	19.50	

<LTE Band 71 Ant 1 Reduced>							
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	21.09	21.03	21.03	22.5
20	QPSK	1	49	21.09	21.16	21.09	
20	QPSK	1	99	21.09	21.10	21.04	
20	QPSK	50	0	21.18	21.15	21.13	22.5
20	QPSK	50	24	21.23	21.26	21.15	
20	QPSK	50	50	21.23	21.18	21.25	
20	QPSK	100	0	21.20	21.15	21.22	22.5
20	16QAM	1	0	21.04	21.01	20.95	
20	16QAM	1	49	21.00	21.07	21.02	
20	16QAM	1	99	20.94	21.08	21.09	22.5
20	16QAM	50	0	21.17	21.16	21.15	
20	16QAM	50	24	21.19	21.20	21.18	
20	16QAM	50	50	21.18	21.16	21.25	22.5
20	16QAM	100	0	21.17	21.15	21.23	
20	64QAM	1	0	20.91	20.79	20.82	
20	64QAM	1	49	20.82	20.89	20.91	22.5
20	64QAM	1	99	20.83	20.92	20.87	
20	64QAM	50	0	21.15	21.16	20.98	
20	64QAM	50	24	21.17	21.06	21.17	22.5
20	64QAM	50	50	21.17	21.25	21.24	
20	64QAM	100	0	21.16	21.17	21.23	
20	256QAM	1	0	19.38	19.54	19.17	21
20	256QAM	1	49	19.32	19.27	19.35	
20	256QAM	1	99	19.22	19.40	19.43	
20	256QAM	50	0	19.48	19.41	19.52	21
20	256QAM	50	24	19.44	19.66	19.74	
20	256QAM	50	50	19.69	19.68	19.71	
20	256QAM	100	0	19.78	19.48	19.47	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	21.02	20.97	20.99	22.5
15	QPSK	1	37	21.04	21.14	21.06	
15	QPSK	1	74	20.98	21.03	21.03	
15	QPSK	36	0	21.15	21.08	21.03	22.5
15	QPSK	36	20	21.15	21.18	21.10	
15	QPSK	36	39	21.18	21.17	21.20	
15	QPSK	75	0	21.17	21.09	21.20	22.5
15	16QAM	1	0	21.01	20.93	20.89	
15	16QAM	1	37	20.97	21.05	20.97	
15	16QAM	1	74	20.84	21.02	21.06	22.5
15	16QAM	36	0	21.09	21.06	21.05	
15	16QAM	36	20	21.15	21.18	21.15	
15	16QAM	36	39	21.16	21.09	21.22	22.5
15	16QAM	75	0	21.10	21.07	21.16	
15	64QAM	1	0	20.84	20.74	20.80	
15	64QAM	1	37	20.75	20.88	20.85	22.5
15	64QAM	1	74	20.75	20.88	20.79	
15	64QAM	36	0	21.11	21.05	20.93	
15	64QAM	36	20	21.10	21.02	21.14	22.5
15	64QAM	36	39	21.10	21.14	21.15	
15	64QAM	75	0	21.14	21.14	21.16	
15	256QAM	1	0	19.36	19.51	19.14	21
15	256QAM	1	37	19.31	19.19	19.28	
15	256QAM	1	74	19.14	19.29	19.34	
15	256QAM	36	0	19.43	19.33	19.51	21
15	256QAM	36	20	19.41	19.59	19.72	
15	256QAM	36	39	19.63	19.66	19.64	



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15	256QAM	75	0	19.68	19.39	19.36	
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	21.05	20.97	20.94	22.5
10	QPSK	1	25	21.01	21.13	20.98	
10	QPSK	1	49	21.01	21.05	20.99	
10	QPSK	25	0	21.14	21.11	21.04	22.5
10	QPSK	25	12	21.18	21.18	21.13	
10	QPSK	25	25	21.17	21.16	21.24	
10	QPSK	50	0	21.15	21.06	21.19	22.5
10	16QAM	1	0	21.01	20.93	20.89	
10	16QAM	1	25	20.90	20.99	20.97	
10	16QAM	1	49	20.87	21.04	21.03	22.5
10	16QAM	25	0	21.12	21.14	21.14	
10	16QAM	25	12	21.14	21.09	21.07	
10	16QAM	25	25	21.08	21.10	21.15	22.5
10	16QAM	50	0	21.11	21.09	21.18	
10	64QAM	1	0	20.83	20.71	20.76	
10	64QAM	1	25	20.77	20.84	20.86	22.5
10	64QAM	1	49	20.75	20.90	20.79	
10	64QAM	25	0	21.04	21.15	20.90	22.5
10	64QAM	25	12	21.12	21.02	21.16	
10	64QAM	25	25	21.08	21.14	21.17	
10	64QAM	50	0	21.07	21.09	21.17	21
10	256QAM	1	0	19.29	19.53	19.10	
10	256QAM	1	25	19.21	19.17	19.31	
10	256QAM	1	49	19.18	19.32	19.34	21
10	256QAM	25	0	19.42	19.33	19.48	
10	256QAM	25	12	19.40	19.58	19.71	
10	256QAM	25	25	19.65	19.61	19.66	21
10	256QAM	50	0	19.76	19.46	19.44	
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	20.99	21.00	21.00	22.5
5	QPSK	1	12	21.05	21.10	21.06	
5	QPSK	1	24	21.07	21.08	21.03	
5	QPSK	12	0	21.15	21.07	21.04	22.5
5	QPSK	12	7	21.17	21.19	21.11	
5	QPSK	12	13	21.17	21.13	21.15	
5	QPSK	25	0	21.13	21.07	21.20	22.5
5	16QAM	1	0	20.93	20.96	20.92	
5	16QAM	1	12	20.91	21.01	21.01	
5	16QAM	1	24	20.91	21.03	21.00	22.5
5	16QAM	12	0	21.08	21.06	21.10	
5	16QAM	12	7	21.15	21.17	21.14	
5	16QAM	12	13	21.12	21.05	21.17	22.5
5	16QAM	25	0	21.16	21.05	21.12	
5	64QAM	1	0	20.88	20.72	20.75	
5	64QAM	1	12	20.75	20.83	20.85	22.5
5	64QAM	1	24	20.73	20.88	20.86	
5	64QAM	12	0	21.07	21.11	20.97	
5	64QAM	12	7	21.12	21.03	21.12	22.5
5	64QAM	12	13	21.08	21.15	21.14	
5	64QAM	25	0	21.09	21.16	21.17	
5	256QAM	1	0	19.36	19.50	19.15	21
5	256QAM	1	12	19.26	19.20	19.25	
5	256QAM	1	24	19.16	19.30	19.37	
5	256QAM	12	0	19.45	19.36	19.46	21
5	256QAM	12	7	19.40	19.62	19.67	
5	256QAM	12	13	19.60	19.59	19.67	
5	256QAM	25	0	19.73	19.39	19.41	



<LTE Band 38 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.47	24.41	24.39	25
20	QPSK	1	49	24.50	24.42	24.42	
20	QPSK	1	99	24.44	24.39	24.38	
20	QPSK	50	0	23.67	23.51	23.54	24
20	QPSK	50	24	23.65	23.58	23.53	
20	QPSK	50	50	23.63	23.55	23.58	
20	QPSK	100	0	23.65	23.57	23.52	24
20	16QAM	1	0	23.62	23.50	23.54	
20	16QAM	1	49	23.55	23.49	23.49	
20	16QAM	1	99	23.53	23.49	23.50	23
20	16QAM	50	0	22.70	22.56	22.56	
20	16QAM	50	24	22.67	22.62	22.57	
20	16QAM	50	50	22.65	22.60	22.61	23
20	16QAM	100	0	22.66	22.60	22.56	
20	64QAM	1	0	22.39	22.24	22.22	
20	64QAM	1	49	22.32	22.26	22.19	22
20	64QAM	1	99	22.30	22.23	22.26	
20	64QAM	50	0	21.69	21.55	21.57	
20	64QAM	50	24	21.70	21.62	21.57	20.5
20	64QAM	50	50	21.66	21.60	21.62	
20	64QAM	100	0	21.68	21.61	21.56	
20	256QAM	1	0	19.94	20.00	20.09	20.5
20	256QAM	1	49	19.73	19.77	19.58	
20	256QAM	1	99	19.75	19.79	19.75	
20	256QAM	50	0	19.98	20.09	20.03	20.5
20	256QAM	50	24	20.04	20.13	20.00	
20	256QAM	50	50	20.11	20.20	20.13	
20	256QAM	100	0	20.07	20.14	20.01	Tune-up limit (dBm)
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.45	24.41	24.38	25
15	QPSK	1	37	24.50	24.34	24.41	
15	QPSK	1	74	24.36	24.33	24.30	
15	QPSK	36	0	23.58	23.42	23.48	24
15	QPSK	36	20	23.59	23.53	23.43	
15	QPSK	36	39	23.60	23.46	23.49	
15	QPSK	75	0	23.64	23.52	23.45	24
15	16QAM	1	0	23.52	23.48	23.47	
15	16QAM	1	37	23.45	23.49	23.39	
15	16QAM	1	74	23.53	23.47	23.44	23
15	16QAM	36	0	22.64	22.50	22.54	
15	16QAM	36	20	22.65	22.61	22.48	
15	16QAM	36	39	22.59	22.52	22.61	23
15	16QAM	75	0	22.58	22.56	22.54	
15	64QAM	1	0	22.30	22.15	22.20	
15	64QAM	1	37	22.27	22.25	22.14	22
15	64QAM	1	74	22.23	22.20	22.21	
15	64QAM	36	0	21.68	21.51	21.56	
15	64QAM	36	20	21.68	21.56	21.49	20.5
15	64QAM	36	39	21.63	21.53	21.60	
15	64QAM	75	0	21.58	21.59	21.48	
15	256QAM	1	0	19.87	19.94	20.00	20.5
15	256QAM	1	37	19.71	19.73	19.57	
15	256QAM	1	74	19.67	19.70	19.72	
15	256QAM	36	0	19.95	19.99	20.01	20.5
15	256QAM	36	20	19.97	20.07	19.93	
15	256QAM	36	39	20.10	20.14	20.07	



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15	256QAM	75	0	20.04	20.09	19.93	
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.35	24.36	24.29	25
10	QPSK	1	25	24.47	24.30	24.34	
10	QPSK	1	49	24.28	24.24	24.20	
10	QPSK	25	0	23.48	23.42	23.43	24
10	QPSK	25	12	23.58	23.52	23.37	
10	QPSK	25	25	23.57	23.37	23.48	
10	QPSK	50	0	23.54	23.49	23.42	24
10	16QAM	1	0	23.52	23.48	23.41	
10	16QAM	1	25	23.40	23.39	23.36	
10	16QAM	1	49	23.51	23.37	23.44	23
10	16QAM	25	0	22.56	22.50	22.50	
10	16QAM	25	12	22.64	22.53	22.42	
10	16QAM	25	25	22.56	22.45	22.57	23
10	16QAM	50	0	22.49	22.50	22.45	
10	64QAM	1	0	22.28	22.06	22.17	
10	64QAM	1	25	22.24	22.23	22.05	23
10	64QAM	1	49	22.15	22.16	22.16	
10	64QAM	25	0	21.66	21.45	21.50	22
10	64QAM	25	12	21.67	21.47	21.49	
10	64QAM	25	25	21.57	21.51	21.52	
10	64QAM	50	0	21.53	21.55	21.39	20.5
10	256QAM	1	0	19.81	19.87	20.00	
10	256QAM	1	25	19.69	19.71	19.47	
10	256QAM	1	49	19.57	19.69	19.71	20.5
10	256QAM	25	0	19.95	19.95	19.94	
10	256QAM	25	12	19.95	20.07	19.88	
10	256QAM	25	25	20.03	20.10	20.07	20.5
10	256QAM	50	0	19.97	19.99	19.88	
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	24.37	24.39	24.35	25
5	QPSK	1	12	24.49	24.28	24.40	
5	QPSK	1	24	24.27	24.29	24.24	
5	QPSK	12	0	23.53	23.42	23.42	24
5	QPSK	12	7	23.54	23.48	23.38	
5	QPSK	12	13	23.54	23.38	23.41	
5	QPSK	25	0	23.56	23.49	23.40	24
5	16QAM	1	0	23.45	23.39	23.40	
5	16QAM	1	12	23.39	23.43	23.29	
5	16QAM	1	24	23.44	23.44	23.36	23
5	16QAM	12	0	22.54	22.49	22.49	
5	16QAM	12	7	22.57	22.54	22.39	
5	16QAM	12	13	22.49	22.45	22.57	23
5	16QAM	25	0	22.58	22.46	22.49	
5	64QAM	1	0	22.23	22.08	22.16	
5	64QAM	1	12	22.20	22.16	22.08	23
5	64QAM	1	24	22.17	22.18	22.18	
5	64QAM	12	0	21.65	21.41	21.50	
5	64QAM	12	7	21.68	21.48	21.40	22
5	64QAM	12	13	21.58	21.50	21.55	
5	64QAM	25	0	21.53	21.51	21.46	
5	256QAM	1	0	19.78	19.85	19.93	20.5
5	256QAM	1	12	19.66	19.68	19.54	
5	256QAM	1	24	19.57	19.64	19.65	
5	256QAM	12	0	19.95	19.95	19.91	20.5
5	256QAM	12	7	19.92	20.04	19.85	
5	256QAM	12	13	20.00	20.13	20.00	
5	256QAM	25	0	20.04	20.04	19.89	

<LTE Band 38 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.57	19.67	19.56	21
20	QPSK	1	49	19.59	19.38	19.45	
20	QPSK	1	99	19.53	19.45	19.39	
20	QPSK	50	0	19.74	19.65	19.74	21
20	QPSK	50	24	19.75	19.84	19.68	
20	QPSK	50	50	19.74	19.66	19.64	
20	QPSK	100	0	19.65	19.64	19.62	21
20	16QAM	1	0	19.76	19.50	19.61	
20	16QAM	1	49	19.54	19.52	19.47	
20	16QAM	1	99	19.56	19.52	19.56	21
20	16QAM	50	0	19.73	19.64	19.67	
20	16QAM	50	24	19.69	19.61	19.62	
20	16QAM	50	50	19.77	19.67	19.65	21
20	16QAM	100	0	19.65	19.45	19.60	
20	64QAM	1	0	19.18	19.38	19.31	
20	64QAM	1	49	19.28	19.18	19.19	21
20	64QAM	1	99	19.12	19.21	19.26	
20	64QAM	50	0	19.70	19.61	19.63	
20	64QAM	50	24	19.61	19.69	19.65	21
20	64QAM	50	50	19.66	19.75	19.66	
20	64QAM	100	0	19.68	19.73	19.54	
20	256QAM	1	0	19.41	19.50	19.40	21
20	256QAM	1	49	19.35	19.22	19.21	
20	256QAM	1	99	19.27	19.36	19.17	
20	256QAM	50	0	19.52	19.69	19.69	21
20	256QAM	50	24	19.65	19.72	19.53	
20	256QAM	50	50	19.58	19.62	19.64	
20	256QAM	100	0	19.69	19.63	19.52	Tune-up limit (dBm)
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.37	19.57	19.44	21
15	QPSK	1	37	19.53	19.18	19.35	
15	QPSK	1	74	19.33	19.40	19.23	
15	QPSK	36	0	19.74	19.58	19.59	21
15	QPSK	36	20	19.58	19.66	19.54	
15	QPSK	36	39	19.57	19.46	19.51	
15	QPSK	75	0	19.45	19.47	19.58	21
15	16QAM	1	0	19.76	19.45	19.54	
15	16QAM	1	37	19.38	19.41	19.31	
15	16QAM	1	74	19.41	19.36	19.51	21
15	16QAM	36	0	19.60	19.48	19.59	
15	16QAM	36	20	19.58	19.53	19.48	
15	16QAM	36	39	19.58	19.56	19.51	21
15	16QAM	75	0	19.48	19.33	19.59	
15	64QAM	1	0	19.01	19.33	19.29	
15	64QAM	1	37	19.18	19.17	19.10	21
15	64QAM	1	74	19.01	19.21	19.06	
15	64QAM	36	0	19.65	19.46	19.48	
15	64QAM	36	20	19.50	19.50	19.60	21
15	64QAM	36	39	19.53	19.57	19.54	
15	64QAM	75	0	19.65	19.73	19.36	
15	256QAM	1	0	19.41	19.48	19.27	21
15	256QAM	1	37	19.33	19.19	19.11	
15	256QAM	1	74	19.15	19.33	19.00	
15	256QAM	36	0	19.37	19.56	19.56	21
15	256QAM	36	20	19.53	19.58	19.50	
15	256QAM	36	39	19.52	19.48	19.45	



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15	256QAM	75	0	19.59	19.59	19.33	
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.43	19.51	19.37	21
10	QPSK	1	25	19.50	19.18	19.45	
10	QPSK	1	49	19.53	19.43	19.25	
10	QPSK	25	0	19.67	19.63	19.55	21
10	QPSK	25	12	19.61	19.75	19.53	
10	QPSK	25	25	19.60	19.48	19.61	
10	QPSK	50	0	19.63	19.51	19.62	21
10	16QAM	1	0	19.73	19.33	19.57	
10	16QAM	1	25	19.34	19.51	19.37	
10	16QAM	1	49	19.55	19.42	19.38	21
10	16QAM	25	0	19.73	19.49	19.62	
10	16QAM	25	12	19.69	19.48	19.45	
10	16QAM	25	25	19.69	19.56	19.54	21
10	16QAM	50	0	19.48	19.30	19.45	
10	64QAM	1	0	19.06	19.29	19.16	
10	64QAM	1	25	19.10	19.04	19.14	21
10	64QAM	1	49	19.00	19.13	19.25	
10	64QAM	25	0	19.59	19.52	19.49	
10	64QAM	25	12	19.55	19.50	19.61	21
10	64QAM	25	25	19.57	19.59	19.49	
10	64QAM	50	0	19.64	19.60	19.47	
10	256QAM	1	0	19.37	19.42	19.25	21
10	256QAM	1	25	19.26	19.22	19.08	
10	256QAM	1	49	19.19	19.23	19.17	
10	256QAM	25	0	19.49	19.59	19.67	21
10	256QAM	25	12	19.55	19.62	19.44	
10	256QAM	25	25	19.49	19.45	19.46	
10	256QAM	50	0	19.49	19.63	19.40	
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	19.43	19.53	19.47	21
5	QPSK	1	12	19.44	19.28	19.28	
5	QPSK	1	24	19.43	19.26	19.35	
5	QPSK	12	0	19.58	19.65	19.67	21
5	QPSK	12	7	19.75	19.71	19.50	
5	QPSK	12	13	19.60	19.59	19.46	
5	QPSK	25	0	19.61	19.52	19.58	21
5	16QAM	1	0	19.66	19.48	19.52	
5	16QAM	1	12	19.34	19.38	19.29	
5	16QAM	1	24	19.45	19.50	19.36	21
5	16QAM	12	0	19.62	19.57	19.54	
5	16QAM	12	7	19.64	19.61	19.53	
5	16QAM	12	13	19.65	19.63	19.46	21
5	16QAM	25	0	19.54	19.35	19.42	
5	64QAM	1	0	19.04	19.22	19.21	
5	64QAM	1	12	19.28	19.00	19.01	21
5	64QAM	1	24	19.00	19.13	19.18	
5	64QAM	12	0	19.56	19.61	19.45	
5	64QAM	12	7	19.56	19.63	19.57	21
5	64QAM	12	13	19.60	19.58	19.54	
5	64QAM	25	0	19.66	19.56	19.54	
5	256QAM	1	0	19.22	19.42	19.36	21
5	256QAM	1	12	19.27	19.06	19.21	
5	256QAM	1	24	19.19	19.17	19.00	
5	256QAM	12	0	19.35	19.69	19.50	21
5	256QAM	12	7	19.49	19.70	19.45	
5	256QAM	12	13	19.42	19.61	19.53	
5	256QAM	25	0	19.55	19.46	19.51	



<LTE Band 38 HPUE Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.51	26.13	26.04	27
20	QPSK	1	49	26.15	25.97	25.98	
20	QPSK	1	99	25.96	26.17	26.03	
20	QPSK	50	0	25.37	25.11	25.16	26
20	QPSK	50	24	25.34	25.09	25.15	
20	QPSK	50	50	25.16	24.98	25.00	
20	QPSK	100	0	25.22	25.02	24.99	26
20	16QAM	1	0	25.79	25.36	25.17	
20	16QAM	1	49	25.47	25.29	25.45	
20	16QAM	1	99	25.25	25.51	25.86	25
20	16QAM	50	0	24.63	24.37	24.37	
20	16QAM	50	24	24.58	24.37	24.42	
20	16QAM	50	50	24.50	24.34	24.38	25
20	16QAM	100	0	24.40	24.25	24.21	
20	64QAM	1	0	23.93	23.49	23.48	
20	64QAM	1	49	23.53	23.33	23.73	25
20	64QAM	1	99	23.30	23.58	23.96	
20	64QAM	50	0	22.77	22.47	22.49	
20	64QAM	50	24	22.68	22.50	22.53	24
20	64QAM	50	50	22.58	22.40	22.55	
20	64QAM	100	0	22.64	22.37	22.37	
20	256QAM	1	0	22.56	22.60	21.75	23.5
20	256QAM	1	49	22.35	22.46	21.91	
20	256QAM	1	99	21.71	22.37	21.98	
20	256QAM	50	0	22.68	22.25	22.00	23.5
20	256QAM	50	24	22.46	22.21	22.24	
20	256QAM	50	50	22.36	22.07	22.30	
20	256QAM	100	0	22.47	22.12	22.00	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.48	26.13	25.94	27
15	QPSK	1	37	26.07	25.91	25.98	
15	QPSK	1	74	25.92	26.09	25.99	
15	QPSK	36	0	25.35	25.07	25.10	26
15	QPSK	36	20	25.29	25.03	25.12	
15	QPSK	36	39	25.11	24.94	25.00	
15	QPSK	75	0	25.12	25.02	24.97	26
15	16QAM	1	0	25.74	25.29	25.16	
15	16QAM	1	37	25.41	25.27	25.37	
15	16QAM	1	74	25.18	25.51	25.82	25
15	16QAM	36	0	24.59	24.33	24.29	
15	16QAM	36	20	24.54	24.30	24.35	
15	16QAM	36	39	24.49	24.34	24.30	25
15	16QAM	75	0	24.33	24.24	24.20	
15	64QAM	1	0	23.93	23.43	23.42	
15	64QAM	1	37	23.51	23.31	23.72	25
15	64QAM	1	74	23.27	23.56	23.96	
15	64QAM	36	0	22.73	22.46	22.42	
15	64QAM	36	20	22.61	22.41	22.52	24
15	64QAM	36	39	22.55	22.35	22.53	
15	64QAM	75	0	22.56	22.32	22.36	
15	256QAM	1	0	22.55	22.59	21.80	23.5
15	256QAM	1	37	22.33	22.42	21.85	
15	256QAM	1	74	21.63	22.33	21.93	
15	256QAM	36	0	22.66	22.17	21.96	23.5
15	256QAM	36	20	22.43	22.17	22.23	
15	256QAM	36	39	22.31	22.02	22.29	



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15	256QAM	75	0	22.38	22.06	21.93	
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	26.45	26.10	25.86	27
10	QPSK	1	25	26.05	25.86	25.88	
10	QPSK	1	49	25.92	26.01	25.98	
10	QPSK	25	0	25.30	24.98	25.04	26
10	QPSK	25	12	25.20	25.01	25.04	
10	QPSK	25	25	25.09	24.84	24.95	
10	QPSK	50	0	25.03	24.99	24.87	26
10	16QAM	1	0	25.71	25.29	25.15	
10	16QAM	1	25	25.32	25.27	25.29	
10	16QAM	1	49	25.15	25.44	25.79	25
10	16QAM	25	0	24.53	24.27	24.22	
10	16QAM	25	12	24.52	24.20	24.32	
10	16QAM	25	25	24.49	24.28	24.25	25
10	16QAM	50	0	24.32	24.24	24.11	
10	64QAM	1	0	23.87	23.34	23.32	
10	64QAM	1	25	23.46	23.22	23.64	25
10	64QAM	1	49	23.22	23.56	23.87	
10	64QAM	25	0	22.65	22.39	22.39	24
10	64QAM	25	12	22.58	22.36	22.48	
10	64QAM	25	25	22.55	22.34	22.43	
10	64QAM	50	0	22.46	22.31	22.35	23.5
10	256QAM	1	0	22.53	22.57	21.80	
10	256QAM	1	25	22.28	22.33	21.84	
10	256QAM	1	49	21.55	22.32	21.84	23.5
10	256QAM	25	0	22.58	22.15	21.94	
10	256QAM	25	12	22.39	22.07	22.13	
10	256QAM	25	25	22.22	22.01	22.25	23.5
10	256QAM	50	0	22.36	22.05	21.92	
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	26.40	26.13	25.92	27
5	QPSK	1	12	26.03	25.87	25.89	
5	QPSK	1	24	25.82	26.08	25.97	
5	QPSK	12	0	25.25	25.02	25.07	26
5	QPSK	12	7	25.25	24.94	25.10	
5	QPSK	12	13	25.05	24.87	24.93	
5	QPSK	25	0	25.05	25.00	24.94	26
5	16QAM	1	0	25.68	25.28	25.09	
5	16QAM	1	12	25.39	25.26	25.33	
5	16QAM	1	24	25.10	25.43	25.77	25
5	16QAM	12	0	24.52	24.25	24.21	
5	16QAM	12	7	24.54	24.26	24.34	
5	16QAM	12	13	24.43	24.32	24.27	25
5	16QAM	25	0	24.32	24.14	24.13	
5	64QAM	1	0	23.87	23.34	23.38	
5	64QAM	1	12	23.45	23.26	23.62	25
5	64QAM	1	24	23.25	23.46	23.94	
5	64QAM	12	0	22.65	22.36	22.34	
5	64QAM	12	7	22.52	22.38	22.48	24
5	64QAM	12	13	22.45	22.25	22.43	
5	64QAM	25	0	22.53	22.28	22.36	
5	256QAM	1	0	22.47	22.49	21.79	23.5
5	256QAM	1	12	22.27	22.37	21.81	
5	256QAM	1	24	21.57	22.29	21.91	
5	256QAM	12	0	22.62	22.07	21.90	23.5
5	256QAM	12	7	22.33	22.12	22.21	
5	256QAM	12	13	22.27	21.93	22.20	
5	256QAM	25	0	22.38	21.96	21.89	

<LTE Band 38 HPUE Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.88	19.91	19.75	21
20	QPSK	1	49	19.77	19.75	19.57	
20	QPSK	1	99	19.72	19.81	19.52	
20	QPSK	50	0	19.59	19.67	19.70	21
20	QPSK	50	24	19.73	19.75	19.76	
20	QPSK	50	50	19.72	19.73	19.62	
20	QPSK	100	0	19.70	19.65	19.63	21
20	16QAM	1	0	19.88	19.72	19.75	
20	16QAM	1	49	19.89	19.79	19.69	
20	16QAM	1	99	19.82	19.85	19.73	21
20	16QAM	50	0	19.78	19.68	19.84	
20	16QAM	50	24	19.67	19.80	19.59	
20	16QAM	50	50	19.61	19.72	19.56	21
20	16QAM	100	0	19.82	19.67	19.66	
20	64QAM	1	0	19.72	19.78	19.51	
20	64QAM	1	49	19.51	19.57	19.40	21
20	64QAM	1	99	19.60	19.43	19.31	
20	64QAM	50	0	19.73	19.69	19.86	
20	64QAM	50	24	19.75	19.77	19.67	21
20	64QAM	50	50	19.71	19.59	19.67	
20	64QAM	100	0	19.73	19.61	19.72	
20	256QAM	1	0	19.75	19.74	19.61	21
20	256QAM	1	49	19.66	19.47	19.52	
20	256QAM	1	99	19.69	19.58	19.58	
20	256QAM	50	0	19.65	19.66	19.86	21
20	256QAM	50	24	19.81	19.78	19.82	
20	256QAM	50	50	19.70	19.76	19.70	
20	256QAM	100	0	19.69	19.67	19.61	Tune-up limit (dBm)
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.72	19.84	19.58	21
15	QPSK	1	37	19.70	19.72	19.57	
15	QPSK	1	74	19.65	19.71	19.45	
15	QPSK	36	0	19.56	19.52	19.61	21
15	QPSK	36	20	19.57	19.71	19.61	
15	QPSK	36	39	19.59	19.61	19.52	
15	QPSK	75	0	19.60	19.59	19.50	21
15	16QAM	1	0	19.76	19.59	19.66	
15	16QAM	1	37	19.89	19.74	19.53	
15	16QAM	1	74	19.73	19.69	19.65	21
15	16QAM	36	0	19.75	19.65	19.80	
15	16QAM	36	20	19.55	19.61	19.54	
15	16QAM	36	39	19.42	19.65	19.41	21
15	16QAM	75	0	19.75	19.65	19.48	
15	64QAM	1	0	19.59	19.73	19.47	
15	64QAM	1	37	19.48	19.42	19.39	21
15	64QAM	1	74	19.57	19.32	19.19	
15	64QAM	36	0	19.67	19.65	19.80	
15	64QAM	36	20	19.62	19.58	19.47	21
15	64QAM	36	39	19.70	19.50	19.65	
15	64QAM	75	0	19.70	19.49	19.71	
15	256QAM	1	0	19.65	19.63	19.44	21
15	256QAM	1	37	19.58	19.33	19.37	
15	256QAM	1	74	19.59	19.48	19.57	
15	256QAM	36	0	19.46	19.46	19.83	21
15	256QAM	36	20	19.68	19.64	19.66	
15	256QAM	36	39	19.65	19.71	19.56	



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15	256QAM	75	0	19.65	19.50	19.60	
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.84	19.77	19.55	21
10	QPSK	1	25	19.69	19.70	19.55	
10	QPSK	1	49	19.66	19.72	19.48	
10	QPSK	25	0	19.40	19.65	19.64	21
10	QPSK	25	12	19.53	19.72	19.75	
10	QPSK	25	25	19.65	19.66	19.62	
10	QPSK	50	0	19.60	19.49	19.49	21
10	16QAM	1	0	19.71	19.61	19.58	
10	16QAM	1	25	19.75	19.65	19.63	
10	16QAM	1	49	19.64	19.70	19.57	21
10	16QAM	25	0	19.59	19.61	19.66	
10	16QAM	25	12	19.58	19.60	19.47	
10	16QAM	25	25	19.43	19.64	19.53	21
10	16QAM	50	0	19.66	19.60	19.55	
10	64QAM	1	0	19.57	19.63	19.35	
10	64QAM	1	25	19.50	19.44	19.37	21
10	64QAM	1	49	19.47	19.42	19.14	
10	64QAM	25	0	19.55	19.49	19.66	
10	64QAM	25	12	19.75	19.65	19.53	21
10	64QAM	25	25	19.56	19.55	19.61	
10	64QAM	50	0	19.54	19.52	19.53	
10	256QAM	1	0	19.71	19.71	19.48	21
10	256QAM	1	25	19.50	19.41	19.43	
10	256QAM	1	49	19.62	19.47	19.50	
10	256QAM	25	0	19.59	19.64	19.77	21
10	256QAM	25	12	19.66	19.66	19.64	
10	256QAM	25	25	19.51	19.59	19.67	
10	256QAM	50	0	19.50	19.57	19.46	
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	19.83	19.75	19.61	21
5	QPSK	1	12	19.67	19.62	19.47	
5	QPSK	1	24	19.66	19.80	19.49	
5	QPSK	12	0	19.41	19.50	19.52	21
5	QPSK	12	7	19.63	19.69	19.75	
5	QPSK	12	13	19.52	19.64	19.62	
5	QPSK	25	0	19.50	19.56	19.57	21
5	16QAM	1	0	19.74	19.64	19.74	
5	16QAM	1	12	19.75	19.61	19.54	
5	16QAM	1	24	19.74	19.81	19.57	21
5	16QAM	12	0	19.73	19.53	19.77	
5	16QAM	12	7	19.51	19.65	19.59	
5	16QAM	12	13	19.60	19.71	19.50	21
5	16QAM	25	0	19.72	19.48	19.59	
5	64QAM	1	0	19.67	19.61	19.35	
5	64QAM	1	12	19.36	19.49	19.25	21
5	64QAM	1	24	19.47	19.23	19.12	
5	64QAM	12	0	19.65	19.61	19.74	
5	64QAM	12	7	19.69	19.68	19.57	21
5	64QAM	12	13	19.61	19.46	19.59	
5	64QAM	25	0	19.55	19.52	19.52	
5	256QAM	1	0	19.65	19.74	19.45	21
5	256QAM	1	12	19.46	19.46	19.33	
5	256QAM	1	24	19.59	19.43	19.49	
5	256QAM	12	0	19.56	19.56	19.73	21
5	256QAM	12	7	19.74	19.73	19.80	
5	256QAM	12	13	19.62	19.64	19.65	
5	256QAM	25	0	19.63	19.51	19.57	

<LTE Band 41 Ant 0 Default>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.30	24.36	24.47	24.40	24.26	25
20	QPSK	1	49	24.29	24.33	24.41	24.28	24.15	
20	QPSK	1	99	24.25	24.35	24.44	24.28	23.57	
20	QPSK	50	0	23.39	23.46	23.51	23.46	23.23	24
20	QPSK	50	24	23.48	23.54	23.57	23.49	23.32	
20	QPSK	50	50	23.46	23.53	23.56	23.44	23.12	
20	QPSK	100	0	23.47	23.54	23.57	23.46	23.18	24
20	16QAM	1	0	23.38	23.46	23.59	23.47	23.31	
20	16QAM	1	49	23.39	23.45	23.49	23.36	23.21	
20	16QAM	1	99	23.32	23.46	23.55	23.37	22.76	23
20	16QAM	50	0	22.42	22.49	22.54	22.51	22.28	
20	16QAM	50	24	22.50	22.58	22.62	22.50	22.35	
20	16QAM	50	50	22.48	22.57	22.59	22.45	22.29	23
20	16QAM	100	0	22.49	22.57	22.59	22.47	22.24	
20	64QAM	1	0	22.12	22.14	22.27	22.17	21.63	
20	64QAM	1	49	22.09	22.18	22.23	22.12	21.43	23
20	64QAM	1	99	22.07	22.23	22.27	22.08	21.61	
20	64QAM	50	0	21.44	21.50	21.54	21.51	21.06	
20	64QAM	50	24	21.52	21.56	21.65	21.49	20.79	22
20	64QAM	50	50	21.48	21.56	21.60	21.46	20.49	
20	64QAM	100	0	21.49	21.56	21.61	21.47	20.71	
20	256QAM	1	0	19.72	19.87	19.98	19.87	19.74	20
20	256QAM	1	49	19.55	19.79	19.81	19.76	19.58	
20	256QAM	1	99	19.62	19.87	19.86	19.77	19.58	
20	256QAM	50	0	19.91	19.95	19.95	19.95	19.87	20
20	256QAM	50	24	19.95	19.92	19.92	19.90	19.93	
20	256QAM	50	50	19.91	19.98	19.95	19.93	19.84	
20	256QAM	100	0	19.94	19.91	19.91	19.97	19.83	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.12	24.36	24.34	24.28	24.17	25.00
15	QPSK	1	37	24.11	24.21	24.36	24.26	24.07	
15	QPSK	1	74	24.20	24.24	24.42	24.15	23.52	
15	QPSK	36	0	23.27	23.38	23.45	23.28	23.15	24
15	QPSK	36	20	23.35	23.37	23.49	23.44	23.23	
15	QPSK	36	39	23.27	23.43	23.46	23.35	22.98	
15	QPSK	75	0	23.38	23.45	23.48	23.35	23.11	24
15	16QAM	1	0	23.30	23.30	23.54	23.37	23.18	
15	16QAM	1	37	23.23	23.37	23.36	23.18	23.10	
15	16QAM	1	74	23.23	23.41	23.47	23.35	22.64	23
15	16QAM	36	0	22.38	22.48	22.49	22.35	22.23	
15	16QAM	36	20	22.45	22.40	22.55	22.37	22.30	
15	16QAM	36	39	22.33	22.49	22.54	22.42	22.23	23
15	16QAM	75	0	22.42	22.44	22.57	22.36	22.15	
15	64QAM	1	0	22.05	22.11	22.21	22.08	21.62	
15	64QAM	1	37	22.04	22.04	22.05	22.03	21.28	23
15	64QAM	1	74	21.99	22.15	22.21	21.94	21.58	
15	64QAM	36	0	21.35	21.39	21.44	21.49	20.99	22
15	64QAM	36	20	21.43	21.54	21.48	21.30	20.65	
15	64QAM	36	39	21.41	21.41	21.48	21.45	20.31	
15	64QAM	75	0	21.47	21.55	21.44	21.33	20.66	20
15	256QAM	1	0	19.64	19.73	19.84	19.77	19.64	
15	256QAM	1	37	19.44	19.65	19.77	19.65	19.54	
15	256QAM	1	74	19.56	19.84	19.79	19.71	19.54	20
15	256QAM	36	0	19.80	19.86	19.88	19.80	19.67	
15	256QAM	36	20	19.89	19.82	19.79	19.84	19.84	
15	256QAM	36	39	19.82	19.90	19.81	19.75	19.75	

15	256QAM	75	0	19.79	19.79	19.82	19.89	19.73	
Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	24.16	24.34	24.33	24.26	24.14	25.00
10	QPSK	1	25	24.20	24.23	24.31	24.24	24.04	
10	QPSK	1	49	24.16	24.16	24.41	24.15	23.56	
10	QPSK	25	0	23.31	23.33	23.39	23.26	23.14	24
10	QPSK	25	12	23.38	23.45	23.49	23.40	23.26	
10	QPSK	25	25	23.30	23.46	23.52	23.34	22.96	
10	QPSK	50	0	23.46	23.47	23.53	23.35	23.07	24
10	16QAM	1	0	23.26	23.40	23.54	23.33	23.13	
10	16QAM	1	25	23.29	23.33	23.32	23.23	23.07	
10	16QAM	1	49	23.31	23.45	23.52	23.32	22.73	23
10	16QAM	25	0	22.37	22.41	22.52	22.35	22.28	
10	16QAM	25	12	22.40	22.41	22.46	22.37	22.27	
10	16QAM	25	25	22.41	22.51	22.54	22.42	22.26	23
10	16QAM	50	0	22.35	22.49	22.54	22.42	22.12	
10	64QAM	1	0	22.02	22.12	22.23	22.11	21.53	
10	64QAM	1	25	22.04	22.05	22.07	22.05	21.32	22
10	64QAM	1	49	21.97	22.16	22.21	21.97	21.53	
10	64QAM	25	0	21.28	21.34	21.41	21.48	20.92	
10	64QAM	25	12	21.33	21.49	21.47	21.38	20.64	20
10	64QAM	25	25	21.38	21.50	21.42	21.39	20.35	
10	64QAM	50	0	21.41	21.56	21.52	21.34	20.67	
10	256QAM	1	0	19.69	19.78	19.85	19.81	19.61	20
10	256QAM	1	25	19.46	19.67	19.77	19.68	19.46	
10	256QAM	1	49	19.58	19.80	19.84	19.66	19.57	
10	256QAM	25	0	19.75	19.82	19.89	19.85	19.71	20
10	256QAM	25	12	19.93	19.75	19.81	19.84	19.81	
10	256QAM	25	25	19.82	19.90	19.82	19.73	19.73	
10	256QAM	50	0	19.82	19.78	19.79	19.94	19.73	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	24.16	24.32	24.34	24.34	24.11	25.00
5	QPSK	1	12	24.20	24.24	24.31	24.19	24.00	
5	QPSK	1	24	24.22	24.23	24.44	24.21	23.54	
5	QPSK	12	0	23.30	23.35	23.44	23.31	23.20	24
5	QPSK	12	7	23.30	23.43	23.42	23.42	23.24	
5	QPSK	12	13	23.37	23.46	23.43	23.35	22.98	
5	QPSK	25	0	23.46	23.46	23.52	23.29	23.12	24
5	16QAM	1	0	23.24	23.37	23.53	23.35	23.20	
5	16QAM	1	12	23.21	23.35	23.37	23.23	23.06	
5	16QAM	1	24	23.28	23.36	23.52	23.29	22.73	23
5	16QAM	12	0	22.39	22.41	22.50	22.38	22.22	
5	16QAM	12	7	22.41	22.48	22.48	22.39	22.32	
5	16QAM	12	13	22.31	22.50	22.45	22.39	22.18	23
5	16QAM	25	0	22.42	22.52	22.48	22.36	22.16	
5	64QAM	1	0	22.01	22.09	22.24	22.06	21.57	
5	64QAM	1	12	22.01	22.04	22.11	21.98	21.37	22
5	64QAM	1	24	21.98	22.13	22.21	21.94	21.54	
5	64QAM	12	0	21.32	21.30	21.38	21.47	20.90	
5	64QAM	12	7	21.40	21.50	21.49	21.39	20.73	20
5	64QAM	12	13	21.37	21.46	21.44	21.37	20.32	
5	64QAM	25	0	21.42	21.55	21.49	21.33	20.63	
5	256QAM	1	0	19.62	19.72	19.84	19.78	19.60	20
5	256QAM	1	12	19.44	19.73	19.75	19.69	19.53	
5	256QAM	1	24	19.57	19.80	19.77	19.70	19.52	
5	256QAM	12	0	19.78	19.83	19.87	19.78	19.70	20
5	256QAM	12	7	19.93	19.77	19.81	19.80	19.76	
5	256QAM	12	13	19.76	19.82	19.86	19.74	19.75	
5	256QAM	25	0	19.83	19.86	19.84	19.90	19.74	



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<LTE Band 41 Ant 0 Reduced>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.52	19.66	19.87	19.71	19.48	21
20	QPSK	1	49	19.39	19.60	19.57	19.53	19.39	
20	QPSK	1	99	19.36	19.65	19.59	19.46	19.37	
20	QPSK	50	0	19.51	19.74	19.73	19.75	19.47	21
20	QPSK	50	24	19.61	19.83	19.85	19.77	19.52	
20	QPSK	50	50	19.58	19.78	19.71	19.67	19.44	
20	QPSK	100	0	19.60	19.81	19.81	19.74	19.42	21
20	16QAM	1	0	19.54	19.77	19.66	19.81	19.61	
20	16QAM	1	49	19.46	19.72	19.67	19.58	19.41	
20	16QAM	1	99	19.44	19.67	19.70	19.59	19.42	21
20	16QAM	50	0	19.53	19.78	19.75	19.78	19.48	
20	16QAM	50	24	19.60	19.70	19.79	19.75	19.51	
20	16QAM	50	50	19.58	19.79	19.76	19.68	19.46	21
20	16QAM	100	0	19.61	19.73	19.62	19.76	19.46	
20	64QAM	1	0	19.12	19.36	19.46	19.41	19.19	
20	64QAM	1	49	19.15	19.36	19.35	19.31	19.12	21
20	64QAM	1	99	19.13	19.32	19.37	19.28	19.09	
20	64QAM	50	0	19.55	19.81	19.77	19.63	19.51	
20	64QAM	50	24	19.61	19.66	19.80	19.77	19.53	21
20	64QAM	50	50	19.61	19.79	19.76	19.71	19.49	
20	64QAM	100	0	19.61	19.81	19.78	19.72	19.44	
20	256QAM	1	0	19.29	19.50	19.54	19.53	19.27	21
20	256QAM	1	49	19.20	19.42	19.42	19.36	19.15	
20	256QAM	1	99	19.27	19.43	19.45	19.34	19.16	
20	256QAM	50	0	19.45	19.71	19.72	19.76	19.44	21
20	256QAM	50	24	19.53	19.75	19.78	19.69	19.49	
20	256QAM	50	50	19.54	19.73	19.72	19.66	19.44	
20	256QAM	100	0	19.51	19.72	19.74	19.67	19.38	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.45	19.64	19.84	19.61	19.47	21.00
15	QPSK	1	37	19.35	19.58	19.51	19.53	19.39	
15	QPSK	1	74	19.33	19.55	19.55	19.46	19.33	
15	QPSK	36	0	19.42	19.74	19.72	19.70	19.47	21
15	QPSK	36	20	19.58	19.77	19.84	19.72	19.48	
15	QPSK	36	39	19.56	19.72	19.70	19.63	19.44	
15	QPSK	75	0	19.58	19.74	19.73	19.72	19.36	21
15	16QAM	1	0	19.52	19.72	19.57	19.74	19.56	
15	16QAM	1	37	19.39	19.66	19.65	19.48	19.37	
15	16QAM	1	74	19.34	19.61	19.65	19.57	19.35	21
15	16QAM	36	0	19.53	19.69	19.74	19.68	19.47	
15	16QAM	36	20	19.57	19.70	19.70	19.67	19.50	
15	16QAM	36	39	19.54	19.70	19.74	19.66	19.38	21
15	16QAM	75	0	19.58	19.64	19.53	19.73	19.41	
15	64QAM	1	0	19.12	19.29	19.36	19.40	19.12	
15	64QAM	1	37	19.15	19.34	19.25	19.29	19.06	21
15	64QAM	1	74	19.08	19.23	19.34	19.19	19.02	
15	64QAM	36	0	19.48	19.80	19.68	19.55	19.46	
15	64QAM	36	20	19.59	19.56	19.80	19.70	19.47	21
15	64QAM	36	39	19.59	19.69	19.67	19.71	19.44	
15	64QAM	75	0	19.52	19.78	19.73	19.68	19.44	
15	256QAM	1	0	19.29	19.42	19.47	19.48	19.26	21
15	256QAM	1	37	19.11	19.40	19.36	19.34	19.14	
15	256QAM	1	74	19.21	19.33	19.41	19.29	19.13	
15	256QAM	36	0	19.36	19.61	19.71	19.69	19.39	21
15	256QAM	36	20	19.49	19.67	19.77	19.68	19.47	
15	256QAM	36	39	19.53	19.70	19.71	19.57	19.34	



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15	256QAM	75	0	19.42	19.72	19.66	19.60	19.35	
Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	19.46	19.59	19.80	19.71	19.39	21.00
10	QPSK	1	25	19.32	19.58	19.52	19.47	19.39	
10	QPSK	1	49	19.29	19.62	19.54	19.42	19.29	
10	QPSK	25	0	19.46	19.68	19.68	19.74	19.39	21
10	QPSK	25	12	19.56	19.81	19.85	19.77	19.43	
10	QPSK	25	25	19.58	19.70	19.69	19.58	19.43	
10	QPSK	50	0	19.60	19.76	19.79	19.65	19.38	21
10	16QAM	1	0	19.47	19.68	19.60	19.76	19.57	
10	16QAM	1	25	19.40	19.63	19.67	19.51	19.31	
10	16QAM	1	49	19.43	19.61	19.66	19.51	19.34	21
10	16QAM	25	0	19.51	19.78	19.67	19.74	19.45	
10	16QAM	25	12	19.59	19.61	19.75	19.70	19.41	
10	16QAM	25	25	19.51	19.74	19.73	19.61	19.40	21
10	16QAM	50	0	19.51	19.70	19.54	19.74	19.36	
10	64QAM	1	0	19.11	19.29	19.46	19.38	19.10	
10	64QAM	1	25	19.15	19.33	19.35	19.28	19.07	21
10	64QAM	1	49	19.10	19.30	19.37	19.27	19.09	
10	64QAM	25	0	19.45	19.81	19.68	19.63	19.49	
10	64QAM	25	12	19.57	19.63	19.80	19.74	19.52	21
10	64QAM	25	25	19.54	19.73	19.73	19.69	19.39	
10	64QAM	50	0	19.58	19.71	19.71	19.71	19.38	
10	256QAM	1	0	19.25	19.49	19.48	19.52	19.18	21
10	256QAM	1	25	19.17	19.32	19.35	19.27	19.07	
10	256QAM	1	49	19.22	19.34	19.44	19.25	19.14	
10	256QAM	25	0	19.37	19.67	19.69	19.76	19.42	21
10	256QAM	25	12	19.46	19.70	19.77	19.66	19.39	
10	256QAM	25	25	19.44	19.73	19.65	19.63	19.43	
10	256QAM	50	0	19.42	19.64	19.64	19.63	19.32	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	19.48	19.60	19.83	19.63	19.39	21.00
5	QPSK	1	12	19.39	19.60	19.47	19.50	19.36	
5	QPSK	1	24	19.35	19.56	19.50	19.37	19.33	
5	QPSK	12	0	19.50	19.67	19.69	19.69	19.42	21
5	QPSK	12	7	19.59	19.81	19.75	19.74	19.52	
5	QPSK	12	13	19.50	19.72	19.66	19.62	19.36	
5	QPSK	25	0	19.51	19.76	19.74	19.70	19.33	21
5	16QAM	1	0	19.52	19.72	19.62	19.78	19.54	
5	16QAM	1	12	19.37	19.72	19.63	19.57	19.40	
5	16QAM	1	24	19.34	19.58	19.61	19.52	19.37	21
5	16QAM	12	0	19.44	19.71	19.68	19.72	19.39	
5	16QAM	12	7	19.50	19.68	19.69	19.65	19.51	
5	16QAM	12	13	19.55	19.78	19.74	19.65	19.39	21
5	16QAM	25	0	19.53	19.73	19.54	19.66	19.41	
5	64QAM	1	0	19.12	19.35	19.37	19.41	19.18	
5	64QAM	1	12	19.12	19.28	19.29	19.23	19.05	21
5	64QAM	1	24	19.08	19.31	19.30	19.19	19.08	
5	64QAM	12	0	19.55	19.80	19.70	19.56	19.45	
5	64QAM	12	7	19.60	19.58	19.76	19.68	19.48	21
5	64QAM	12	13	19.54	19.75	19.73	19.62	19.41	
5	64QAM	25	0	19.55	19.81	19.76	19.65	19.38	
5	256QAM	1	0	19.28	19.46	19.54	19.43	19.17	21
5	256QAM	1	12	19.18	19.33	19.35	19.28	19.11	
5	256QAM	1	24	19.20	19.42	19.43	19.29	19.06	
5	256QAM	12	0	19.42	19.67	19.70	19.67	19.35	21
5	256QAM	12	7	19.44	19.75	19.71	19.60	19.47	
5	256QAM	12	13	19.52	19.71	19.67	19.61	19.37	
5	256QAM	25	0	19.42	19.69	19.68	19.67	19.28	

<LTE Band 41 HPUE Ant 0 Default>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.34	26.70	26.09	26.57	25.77	27
20	QPSK	1	49	26.19	26.46	25.92	26.51	25.23	
20	QPSK	1	99	26.28	26.55	25.86	26.41	24.47	
20	QPSK	50	0	25.52	25.75	25.23	25.93	24.02	26
20	QPSK	50	24	25.47	25.65	25.19	25.87	23.64	
20	QPSK	50	50	25.38	25.42	25.06	25.82	23.19	
20	QPSK	100	0	25.68	25.80	25.26	25.90	23.57	26
20	16QAM	1	0	25.79	25.88	25.44	25.91	24.14	
20	16QAM	1	49	25.59	25.87	25.28	25.94	23.82	
20	16QAM	1	99	25.78	25.90	25.20	25.76	23.03	25
20	16QAM	50	0	24.66	24.93	24.43	24.92	22.95	
20	16QAM	50	24	24.79	24.84	24.40	24.91	22.76	
20	16QAM	50	50	24.89	24.76	24.37	24.90	22.44	25
20	16QAM	100	0	24.73	24.72	24.39	24.99	22.62	
20	64QAM	1	0	23.81	24.03	23.49	23.94	22.05	
20	64QAM	1	49	23.62	23.81	23.36	24.19	22.01	25
20	64QAM	1	99	23.81	23.93	23.29	23.89	22.03	
20	64QAM	50	0	22.72	23.06	22.51	23.20	21.19	
20	64QAM	50	24	22.76	22.96	22.42	23.24	21.03	24
20	64QAM	50	50	22.97	22.87	22.42	23.24	21.05	
20	64QAM	100	0	22.86	22.82	22.41	23.15	21.04	
20	256QAM	1	0	22.73	23.12	22.63	22.95	21.79	23.5
20	256QAM	1	49	22.66	22.96	22.27	22.85	21.36	
20	256QAM	1	99	22.62	22.99	22.13	22.87	20.72	
20	256QAM	50	0	22.74	23.12	22.33	22.71	21.59	23.5
20	256QAM	50	24	22.68	23.13	22.23	22.89	21.26	
20	256QAM	50	50	22.71	23.09	22.14	22.78	20.90	
20	256QAM	100	0	22.76	23.11	22.20	22.76	21.09	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.24	26.66	25.96	26.49	25.68	27.00
15	QPSK	1	37	26.02	26.40	25.89	26.44	25.08	
15	QPSK	1	74	26.20	26.39	25.77	26.24	24.33	
15	QPSK	36	0	25.39	25.73	25.08	25.78	23.95	26
15	QPSK	36	20	25.38	25.48	25.10	25.73	23.58	
15	QPSK	36	39	25.25	25.36	24.93	25.79	23.03	
15	QPSK	75	0	25.51	25.71	25.09	25.75	23.50	26
15	16QAM	1	0	25.70	25.81	25.32	25.80	24.06	
15	16QAM	1	37	25.49	25.75	25.12	25.80	23.72	
15	16QAM	1	74	25.68	25.76	25.11	25.66	23.00	25
15	16QAM	36	0	24.64	24.78	24.38	24.81	22.82	
15	16QAM	36	20	24.68	24.77	24.31	24.86	22.73	
15	16QAM	36	39	24.70	24.67	24.27	24.88	22.44	25
15	16QAM	75	0	24.60	24.63	24.36	24.91	22.43	
15	64QAM	1	0	23.69	23.88	23.36	23.76	22.02	
15	64QAM	1	37	23.49	23.68	23.25	24.10	22.08	24
15	64QAM	1	74	23.66	23.79	23.20	23.86	22.09	
15	64QAM	36	0	22.60	22.86	22.40	23.06	21.07	
15	64QAM	36	20	22.65	22.93	22.33	23.11	21.07	23.5
15	64QAM	36	39	22.86	22.79	22.39	23.14	21.00	
15	64QAM	75	0	22.83	22.71	22.41	22.98	21.01	
15	256QAM	1	0	22.64	23.10	22.51	22.84	21.64	23.5
15	256QAM	1	37	22.53	22.86	22.13	22.79	21.30	
15	256QAM	1	74	22.47	22.91	22.09	22.73	20.63	
15	256QAM	36	0	22.62	23.03	22.21	22.61	21.57	23.5
15	256QAM	36	20	22.54	23.08	22.16	22.77	21.14	
15	256QAM	36	39	22.67	22.97	21.97	22.73	20.85	

15	256QAM	75	0	22.62	23.06	22.13	22.67	21.02	Tune-up limit (dBm)
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.25	26.61	25.98	26.54	25.62	27.00
10	QPSK	1	25	26.08	26.40	25.82	26.35	25.04	
10	QPSK	1	49	26.14	26.49	25.79	26.32	24.27	
10	QPSK	25	0	25.37	25.68	25.12	25.79	23.99	26
10	QPSK	25	12	25.37	25.51	25.15	25.72	23.55	
10	QPSK	25	25	25.25	25.38	24.88	25.73	23.03	
10	QPSK	50	0	25.49	25.69	25.09	25.74	23.50	26
10	16QAM	1	0	25.77	25.77	25.27	25.79	24.04	
10	16QAM	1	25	25.54	25.79	25.19	25.83	23.66	
10	16QAM	1	49	25.71	25.83	25.06	25.65	23.01	25
10	16QAM	25	0	24.60	24.81	24.30	24.79	22.84	
10	16QAM	25	12	24.69	24.76	24.26	24.86	22.67	
10	16QAM	25	25	24.79	24.71	24.20	24.89	22.36	25
10	16QAM	50	0	24.63	24.69	24.37	24.89	22.45	
10	64QAM	1	0	23.69	23.98	23.44	23.84	22.02	25
10	64QAM	1	25	23.46	23.76	23.23	24.13	22.04	
10	64QAM	1	49	23.65	23.82	23.20	23.81	22.03	
10	64QAM	25	0	22.57	22.90	22.39	23.12	21.05	24
10	64QAM	25	12	22.67	22.88	22.39	23.14	21.03	
10	64QAM	25	25	22.85	22.81	22.32	23.09	21.07	
10	64QAM	50	0	22.76	22.70	22.41	23.04	21.02	23.5
10	256QAM	1	0	22.64	23.05	22.52	22.84	21.70	
10	256QAM	1	25	22.53	22.85	22.20	22.77	21.27	
10	256QAM	1	49	22.47	22.85	22.05	22.80	20.59	23.5
10	256QAM	25	0	22.64	23.11	22.27	22.57	21.52	
10	256QAM	25	12	22.58	23.07	22.15	22.76	21.11	
10	256QAM	25	25	22.68	22.91	22.04	22.73	20.86	23.5
10	256QAM	50	0	22.60	23.07	22.13	22.74	20.98	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	26.18	26.59	25.95	26.46	25.62	27.00
5	QPSK	1	12	26.06	26.35	25.81	26.39	25.07	
5	QPSK	1	24	26.14	26.46	25.79	26.23	24.29	
5	QPSK	12	0	25.46	25.67	25.10	25.83	23.98	26
5	QPSK	12	7	25.38	25.51	25.11	25.77	23.62	
5	QPSK	12	13	25.30	25.36	24.87	25.79	23.13	
5	QPSK	25	0	25.51	25.65	25.10	25.73	23.51	26
5	16QAM	1	0	25.69	25.76	25.35	25.79	24.08	
5	16QAM	1	12	25.46	25.74	25.21	25.82	23.71	
5	16QAM	1	24	25.66	25.81	25.03	25.63	23.03	25
5	16QAM	12	0	24.59	24.75	24.29	24.85	22.82	
5	16QAM	12	7	24.68	24.78	24.25	24.83	22.66	
5	16QAM	12	13	24.73	24.72	24.20	24.85	22.43	25
5	16QAM	25	0	24.60	24.64	24.35	24.83	22.47	
5	64QAM	1	0	23.74	23.88	23.34	23.76	22.07	
5	64QAM	1	12	23.54	23.67	23.25	24.15	22.08	24
5	64QAM	1	24	23.71	23.82	23.14	23.80	22.00	
5	64QAM	12	0	22.59	22.92	22.40	23.07	21.08	
5	64QAM	12	7	22.62	22.95	22.41	23.14	21.01	23.5
5	64QAM	12	13	22.95	22.83	22.36	23.17	21.03	
5	64QAM	25	0	22.74	22.76	22.40	23.01	21.00	
5	256QAM	1	0	22.66	23.10	22.51	22.80	21.67	23.5
5	256QAM	1	12	22.56	22.86	22.23	22.76	21.28	
5	256QAM	1	24	22.53	22.85	21.99	22.82	20.63	
5	256QAM	12	0	22.62	23.03	22.24	22.55	21.52	23.5
5	256QAM	12	7	22.60	23.05	22.10	22.79	21.20	
5	256QAM	12	13	22.63	22.90	21.97	22.71	20.84	
5	256QAM	25	0	22.66	23.00	22.06	22.72	21.00	

<LTE Band 41 HPUE Ant 0 Reduced>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.70	19.95	19.96	19.93	19.82	21
20	QPSK	1	49	19.57	19.89	19.85	19.76	19.71	
20	QPSK	1	99	19.61	19.91	19.90	19.71	19.62	
20	QPSK	50	0	19.54	19.78	19.78	19.78	19.47	21
20	QPSK	50	24	19.61	19.81	19.85	19.76	19.52	
20	QPSK	50	50	19.61	19.80	19.78	19.69	19.50	
20	QPSK	100	0	19.65	19.86	19.84	19.77	19.46	21
20	16QAM	1	0	19.75	19.92	19.89	19.91	19.83	
20	16QAM	1	49	19.63	19.95	19.88	19.79	19.65	
20	16QAM	1	99	19.63	19.93	19.93	19.74	19.61	21
20	16QAM	50	0	19.57	19.80	19.78	19.84	19.50	
20	16QAM	50	24	19.63	19.84	19.82	19.77	19.54	
20	16QAM	50	50	19.62	19.81	19.75	19.71	19.49	21
20	16QAM	100	0	19.66	19.87	19.84	19.78	19.50	
20	64QAM	1	0	19.49	19.72	19.81	19.69	19.50	
20	64QAM	1	49	19.38	19.67	19.62	19.60	19.42	21
20	64QAM	1	99	19.39	19.69	19.63	19.49	19.40	
20	64QAM	50	0	19.60	19.83	19.81	19.86	19.57	
20	64QAM	50	24	19.66	19.88	19.84	19.81	19.59	21
20	64QAM	50	50	19.66	19.85	19.79	19.74	19.54	
20	64QAM	100	0	19.62	19.84	19.78	19.75	19.45	
20	256QAM	1	0	19.54	19.81	19.83	19.78	19.56	21
20	256QAM	1	49	19.46	19.71	19.66	19.66	19.41	
20	256QAM	1	99	19.61	19.70	19.73	19.68	19.48	
20	256QAM	50	0	19.61	19.85	19.83	19.88	19.56	21
20	256QAM	50	24	19.68	19.87	19.92	19.85	19.60	
20	256QAM	50	50	19.67	19.83	19.84	19.76	19.57	
20	256QAM	100	0	19.66	19.84	19.87	19.80	19.50	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.65	19.89	19.87	19.91	19.82	21.00
15	QPSK	1	37	19.49	19.88	19.75	19.69	19.63	
15	QPSK	1	74	19.51	19.82	19.86	19.64	19.62	
15	QPSK	36	0	19.50	19.77	19.71	19.70	19.47	21
15	QPSK	36	20	19.56	19.78	19.84	19.73	19.49	
15	QPSK	36	39	19.54	19.72	19.69	19.68	19.50	
15	QPSK	75	0	19.63	19.77	19.81	19.70	19.40	21
15	16QAM	1	0	19.70	19.92	19.88	19.87	19.76	
15	16QAM	1	37	19.53	19.89	19.84	19.75	19.56	
15	16QAM	1	74	19.59	19.85	19.92	19.71	19.53	21
15	16QAM	36	0	19.55	19.75	19.74	19.77	19.45	
15	16QAM	36	20	19.56	19.74	19.81	19.73	19.46	
15	16QAM	36	39	19.55	19.79	19.65	19.71	19.47	21
15	16QAM	75	0	19.60	19.80	19.74	19.78	19.41	
15	64QAM	1	0	19.49	19.67	19.72	19.62	19.44	
15	64QAM	1	37	19.36	19.62	19.52	19.50	19.40	21
15	64QAM	1	74	19.38	19.69	19.62	19.41	19.36	
15	64QAM	36	0	19.57	19.75	19.73	19.76	19.55	
15	64QAM	36	20	19.61	19.81	19.83	19.74	19.49	21
15	64QAM	36	39	19.58	19.79	19.75	19.69	19.48	
15	64QAM	75	0	19.58	19.83	19.72	19.66	19.38	
15	256QAM	1	0	19.45	19.76	19.81	19.77	19.47	21
15	256QAM	1	37	19.44	19.71	19.66	19.60	19.32	
15	256QAM	1	74	19.52	19.64	19.71	19.61	19.46	
15	256QAM	36	0	19.51	19.77	19.74	19.80	19.46	21
15	256QAM	36	20	19.62	19.77	19.82	19.77	19.54	
15	256QAM	36	39	19.61	19.79	19.75	19.71	19.56	



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15	256QAM	75	0	19.66	19.75	19.81	19.74	19.40	
Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	19.66	19.91	19.91	19.91	19.82	21.00
10	QPSK	1	25	19.57	19.81	19.84	19.68	19.71	
10	QPSK	1	49	19.55	19.89	19.81	19.69	19.60	
10	QPSK	25	0	19.54	19.71	19.71	19.69	19.44	21
10	QPSK	25	12	19.51	19.78	19.80	19.75	19.49	
10	QPSK	25	25	19.51	19.77	19.73	19.66	19.49	
10	QPSK	50	0	19.60	19.81	19.76	19.67	19.42	21
10	16QAM	1	0	19.75	19.89	19.87	19.90	19.76	
10	16QAM	1	25	19.59	19.89	19.81	19.79	19.60	
10	16QAM	1	49	19.62	19.86	19.86	19.66	19.57	21
10	16QAM	25	0	19.49	19.73	19.68	19.82	19.44	
10	16QAM	25	12	19.62	19.76	19.75	19.76	19.46	
10	16QAM	25	25	19.58	19.74	19.74	19.71	19.49	21
10	16QAM	50	0	19.56	19.85	19.75	19.75	19.50	
10	64QAM	1	0	19.41	19.62	19.77	19.60	19.40	
10	64QAM	1	25	19.37	19.58	19.61	19.58	19.40	21
10	64QAM	1	49	19.31	19.62	19.55	19.49	19.32	
10	64QAM	25	0	19.58	19.81	19.81	19.78	19.55	
10	64QAM	25	12	19.64	19.87	19.84	19.80	19.56	21
10	64QAM	25	25	19.65	19.84	19.75	19.64	19.44	
10	64QAM	50	0	19.53	19.80	19.78	19.65	19.40	
10	256QAM	1	0	19.45	19.77	19.79	19.68	19.49	21
10	256QAM	1	25	19.41	19.70	19.63	19.59	19.38	
10	256QAM	1	49	19.54	19.70	19.65	19.66	19.45	
10	256QAM	25	0	19.52	19.78	19.74	19.83	19.52	21
10	256QAM	25	12	19.58	19.81	19.82	19.78	19.60	
10	256QAM	25	25	19.65	19.77	19.74	19.76	19.52	
10	256QAM	50	0	19.62	19.74	19.79	19.76	19.49	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	19.67	19.91	19.92	19.89	19.77	21.00
5	QPSK	1	12	19.51	19.88	19.75	19.69	19.64	
5	QPSK	1	24	19.53	19.88	19.88	19.69	19.61	
5	QPSK	12	0	19.44	19.78	19.71	19.76	19.40	21
5	QPSK	12	7	19.56	19.72	19.82	19.70	19.47	
5	QPSK	12	13	19.51	19.74	19.78	19.66	19.40	
5	QPSK	25	0	19.58	19.79	19.75	19.70	19.44	21
5	16QAM	1	0	19.70	19.86	19.81	19.86	19.80	
5	16QAM	1	12	19.63	19.88	19.79	19.78	19.59	
5	16QAM	1	24	19.55	19.93	19.85	19.70	19.53	21
5	16QAM	12	0	19.52	19.79	19.70	19.81	19.47	
5	16QAM	12	7	19.60	19.84	19.77	19.71	19.48	
5	16QAM	12	13	19.57	19.75	19.69	19.68	19.48	21
5	16QAM	25	0	19.66	19.82	19.81	19.71	19.46	
5	64QAM	1	0	19.40	19.67	19.75	19.69	19.47	
5	64QAM	1	12	19.31	19.63	19.53	19.56	19.35	21
5	64QAM	1	24	19.31	19.63	19.60	19.40	19.39	
5	64QAM	12	0	19.59	19.77	19.76	19.86	19.56	
5	64QAM	12	7	19.61	19.79	19.79	19.79	19.58	21
5	64QAM	12	13	19.59	19.78	19.71	19.70	19.49	
5	64QAM	25	0	19.58	19.83	19.76	19.67	19.36	
5	256QAM	1	0	19.51	19.79	19.77	19.77	19.54	21
5	256QAM	1	12	19.38	19.70	19.64	19.63	19.40	
5	256QAM	1	24	19.59	19.68	19.64	19.63	19.42	
5	256QAM	12	0	19.57	19.79	19.74	19.81	19.49	21
5	256QAM	12	7	19.65	19.77	19.86	19.81	19.51	
5	256QAM	12	13	19.60	19.73	19.82	19.74	19.55	
5	256QAM	25	0	19.65	19.74	19.80	19.77	19.50	

<LTE Band 48 Ant 2 Default>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	24.44	24.62	24.61	24.39	25
20	QPSK	1	49	24.38	24.56	24.46	24.23	
20	QPSK	1	99	24.37	24.47	24.38	24.18	
20	QPSK	50	0	23.57	23.71	23.70	23.46	24
20	QPSK	50	24	23.56	23.70	23.63	23.42	
20	QPSK	50	50	23.44	23.55	23.47	23.26	
20	QPSK	100	0	23.45	23.68	23.63	23.43	24
20	16QAM	1	0	23.58	23.76	23.75	23.51	
20	16QAM	1	49	23.47	23.58	23.53	23.30	
20	16QAM	1	99	23.49	23.58	23.49	23.25	23
20	16QAM	50	0	22.60	22.74	22.71	22.49	
20	16QAM	50	24	22.57	22.72	22.67	22.45	
20	16QAM	50	50	22.47	22.59	22.50	22.29	23
20	16QAM	100	0	22.50	22.68	22.66	22.41	
20	64QAM	1	0	21.53	21.88	21.86	21.69	
20	64QAM	1	49	21.68	21.90	21.88	21.49	23
20	64QAM	1	99	21.87	22.02	22.00	21.41	
20	64QAM	50	0	20.83	21.20	21.21	20.85	
20	64QAM	50	24	20.95	21.28	21.28	20.83	22
20	64QAM	50	50	20.97	21.22	21.20	20.75	
20	64QAM	100	0	20.91	21.25	21.24	20.74	
20	256QAM	1	0	19.15	19.35	19.32	19.30	20
20	256QAM	1	49	19.14	19.22	19.24	19.22	
20	256QAM	1	99	19.18	19.22	19.28	19.27	
20	256QAM	50	0	19.52	19.47	19.53	19.42	20
20	256QAM	50	24	19.57	19.55	19.60	19.58	
20	256QAM	50	50	19.44	19.47	19.51	19.47	
20	256QAM	100	0	19.41	19.47	19.52	19.48	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	24.42	24.52	24.52	24.35	25
15	QPSK	1	37	24.27	24.55	24.40	24.19	
15	QPSK	1	74	24.26	24.39	24.32	24.16	
15	QPSK	36	0	23.47	23.62	23.70	23.39	24
15	QPSK	36	20	23.46	23.62	23.62	23.40	
15	QPSK	36	39	23.41	23.47	23.40	23.17	
15	QPSK	75	0	23.35	23.58	23.56	23.35	24
15	16QAM	1	0	23.53	23.75	23.64	23.45	
15	16QAM	1	37	23.46	23.56	23.42	23.22	
15	16QAM	1	74	23.48	23.54	23.40	23.23	23
15	16QAM	36	0	22.52	22.71	22.63	22.38	
15	16QAM	36	20	22.52	22.69	22.57	22.38	
15	16QAM	36	39	22.36	22.50	22.42	22.25	23
15	16QAM	75	0	22.45	22.62	22.62	22.30	
15	64QAM	1	0	21.43	21.80	21.75	21.58	
15	64QAM	1	37	21.60	21.79	21.79	21.45	23
15	64QAM	1	74	21.77	22.00	21.91	21.39	
15	64QAM	36	0	20.78	21.15	21.10	20.76	
15	64QAM	36	20	20.91	21.27	21.26	20.81	22
15	64QAM	36	39	20.87	21.19	21.12	20.66	
15	64QAM	75	0	20.81	21.23	21.18	20.68	
15	256QAM	1	0	19.07	19.24	19.23	19.22	20
15	256QAM	1	37	19.04	19.19	19.14	19.17	
15	256QAM	1	74	19.13	19.15	19.26	19.22	
15	256QAM	36	0	19.51	19.41	19.52	19.41	20
15	256QAM	36	20	19.46	19.52	19.59	19.48	
15	256QAM	36	39	19.35	19.41	19.42	19.43	

15	256QAM	75	0	19.31	19.46	19.44	19.46	
Channel				55290	55815	56165	56690	Tune-up limit
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)
10	QPSK	1	0	24.36	24.47	24.60	24.34	25
10	QPSK	1	25	24.21	24.49	24.39	24.14	
10	QPSK	1	49	24.20	24.33	24.33	24.17	
10	QPSK	25	0	23.45	23.55	23.63	23.43	24
10	QPSK	25	12	23.42	23.53	23.54	23.38	
10	QPSK	25	25	23.38	23.39	23.43	23.22	
10	QPSK	50	0	23.33	23.53	23.55	23.36	24
10	16QAM	1	0	23.49	23.72	23.68	23.48	
10	16QAM	1	25	23.37	23.53	23.51	23.20	
10	16QAM	1	49	23.37	23.47	23.43	23.22	23
10	16QAM	25	0	22.44	22.68	22.70	22.40	
10	16QAM	25	12	22.42	22.62	22.58	22.40	
10	16QAM	25	25	22.30	22.43	22.43	22.21	23
10	16QAM	50	0	22.36	22.54	22.55	22.34	
10	64QAM	1	0	21.33	21.72	21.84	21.60	
10	64QAM	1	25	21.55	21.73	21.85	21.38	23
10	64QAM	1	49	21.72	21.99	21.93	21.31	
10	64QAM	25	0	20.73	21.13	21.16	20.76	22
10	64QAM	25	12	20.84	21.22	21.27	20.80	
10	64QAM	25	25	20.76	21.11	21.18	20.71	
10	64QAM	50	0	20.77	21.14	21.16	20.64	20
10	256QAM	1	0	18.96	19.14	19.29	19.24	
10	256QAM	1	25	19.00	19.09	19.15	19.21	
10	256QAM	1	49	19.12	19.14	19.18	19.20	20
10	256QAM	25	0	19.50	19.40	19.47	19.34	
10	256QAM	25	12	19.40	19.41	19.51	19.56	
10	256QAM	25	25	19.26	19.35	19.47	19.38	20
10	256QAM	25	0	19.25	19.44	19.41	19.46	
Channel				55265	55810	56170	56715	Tune-up limit
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)
5	QPSK	1	0	24.40	24.41	24.57	24.36	25
5	QPSK	1	12	24.25	24.47	24.36	24.22	
5	QPSK	1	24	24.17	24.33	24.35	24.11	
5	QPSK	12	0	23.42	23.53	23.64	23.36	24
5	QPSK	12	7	23.42	23.56	23.55	23.35	
5	QPSK	12	13	23.38	23.45	23.42	23.24	
5	QPSK	25	0	23.30	23.56	23.54	23.33	24
5	16QAM	1	0	23.49	23.72	23.71	23.49	
5	16QAM	1	12	23.38	23.51	23.49	23.22	
5	16QAM	1	24	23.47	23.51	23.40	23.22	23
5	16QAM	12	0	22.45	22.67	22.60	22.41	
5	16QAM	12	7	22.43	22.58	22.57	22.36	
5	16QAM	12	13	22.30	22.48	22.44	22.18	23
5	16QAM	25	0	22.42	22.54	22.62	22.36	
5	64QAM	1	0	21.32	21.73	21.82	21.58	
5	64QAM	1	12	21.57	21.74	21.82	21.38	23
5	64QAM	1	24	21.72	21.97	21.91	21.33	
5	64QAM	12	0	20.74	21.06	21.12	20.81	22
5	64QAM	12	7	20.84	21.23	21.23	20.79	
5	64QAM	12	13	20.81	21.12	21.14	20.68	
5	64QAM	25	0	20.76	21.16	21.19	20.73	20
5	256QAM	1	0	19.05	19.22	19.26	19.22	
5	256QAM	1	12	19.00	19.13	19.15	19.18	
5	256QAM	1	24	19.12	19.13	19.20	19.23	20
5	256QAM	12	0	19.45	19.37	19.52	19.39	
5	256QAM	12	7	19.37	19.49	19.58	19.56	
5	256QAM	12	13	19.34	19.39	19.45	19.43	20
5	256QAM	25	0	19.30	19.39	19.48	19.42	



<LTE Band 48 Ant 2 Reduced>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	21.33	21.53	21.52	21.49	23
20	QPSK	1	49	21.22	21.37	21.46	21.38	
20	QPSK	1	99	21.18	21.33	21.38	21.29	
20	QPSK	50	0	21.41	21.54	21.68	21.60	23
20	QPSK	50	24	21.30	21.54	21.66	21.54	
20	QPSK	50	50	21.26	21.40	21.51	21.38	
20	QPSK	100	0	21.28	21.53	21.63	21.54	23
20	16QAM	1	0	21.47	21.63	21.64	21.63	
20	16QAM	1	49	21.34	21.49	21.56	21.51	
20	16QAM	1	99	21.37	21.49	21.55	21.44	23
20	16QAM	50	0	21.47	21.61	21.63	21.66	
20	16QAM	50	24	21.36	21.61	21.58	21.60	
20	16QAM	50	50	21.33	21.47	21.56	21.46	22
20	16QAM	100	0	21.33	21.56	21.65	21.57	
20	64QAM	1	0	21.24	21.34	21.50	21.45	
20	64QAM	1	49	21.11	21.23	21.30	21.18	22
20	64QAM	1	99	21.08	21.23	21.27	21.11	
20	64QAM	50	0	21.03	21.30	21.32	21.22	
20	64QAM	50	24	21.00	21.34	21.31	21.16	22
20	64QAM	50	50	21.02	21.28	21.28	21.14	
20	64QAM	100	0	21.05	21.28	21.26	21.14	
20	256QAM	1	0	18.99	19.09	19.17	19.03	20
20	256QAM	1	49	18.89	19.04	18.94	18.92	
20	256QAM	1	99	19.31	19.24	19.39	19.19	
20	256QAM	50	0	19.59	19.35	19.67	19.38	20
20	256QAM	50	24	19.29	19.29	19.59	19.28	
20	256QAM	50	50	19.47	19.36	19.26	19.44	
20	256QAM	100	0	19.50	19.54	19.65	19.50	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	21.22	21.43	21.50	21.44	23
15	QPSK	1	37	21.21	21.34	21.36	21.29	
15	QPSK	1	74	21.13	21.27	21.35	21.22	
15	QPSK	36	0	21.36	21.52	21.62	21.54	23
15	QPSK	36	20	21.25	21.44	21.59	21.50	
15	QPSK	36	39	21.24	21.38	21.48	21.28	
15	QPSK	75	0	21.23	21.42	21.59	21.43	23
15	16QAM	1	0	21.46	21.58	21.59	21.54	
15	16QAM	1	37	21.30	21.43	21.51	21.49	
15	16QAM	1	74	21.31	21.48	21.47	21.38	23
15	16QAM	36	0	21.38	21.60	21.54	21.63	
15	16QAM	36	20	21.31	21.57	21.50	21.58	
15	16QAM	36	39	21.28	21.42	21.49	21.37	22
15	16QAM	75	0	21.30	21.53	21.55	21.54	
15	64QAM	1	0	21.21	21.28	21.41	21.44	
15	64QAM	1	37	21.03	21.12	21.19	21.07	22
15	64QAM	1	74	21.00	21.15	21.26	21.06	
15	64QAM	36	0	20.93	21.24	21.27	21.16	
15	64QAM	36	20	20.93	21.28	21.21	21.05	20
15	64QAM	36	39	20.97	21.20	21.24	21.09	
15	64QAM	75	0	20.97	21.19	21.16	21.12	
15	256QAM	1	0	18.98	19.05	19.12	18.99	20
15	256QAM	1	37	18.82	19.02	18.91	18.84	
15	256QAM	1	74	19.25	19.18	19.30	19.13	
15	256QAM	36	0	19.52	19.26	19.62	19.37	20
15	256QAM	36	20	19.21	19.21	19.56	19.18	
15	256QAM	36	39	19.46	19.32	19.17	19.37	



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15	256QAM	75	0	19.43	19.47	19.61	19.45	
Channel				55290	55815	56165	56690	Tune-up limit
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)
10	QPSK	1	0	21.25	21.50	21.43	21.43	23
10	QPSK	1	25	21.20	21.26	21.38	21.36	
10	QPSK	1	49	21.12	21.23	21.32	21.26	
10	QPSK	25	0	21.32	21.44	21.65	21.52	23
10	QPSK	25	12	21.22	21.51	21.55	21.51	
10	QPSK	25	25	21.15	21.39	21.42	21.27	
10	QPSK	50	0	21.24	21.44	21.55	21.49	23
10	16QAM	1	0	21.44	21.59	21.61	21.55	
10	16QAM	1	25	21.30	21.48	21.55	21.49	
10	16QAM	1	49	21.32	21.41	21.49	21.35	23
10	16QAM	25	0	21.46	21.56	21.56	21.65	
10	16QAM	25	12	21.28	21.59	21.56	21.54	
10	16QAM	25	25	21.23	21.39	21.50	21.41	22
10	16QAM	50	0	21.32	21.45	21.62	21.48	
10	64QAM	1	0	21.13	21.25	21.46	21.38	
10	64QAM	1	25	21.09	21.19	21.21	21.15	22
10	64QAM	1	49	21.01	21.19	21.22	21.08	
10	64QAM	25	0	20.98	21.27	21.26	21.11	
10	64QAM	25	12	20.99	21.25	21.23	21.15	22
10	64QAM	25	25	20.95	21.24	21.23	21.09	
10	64QAM	50	0	20.98	21.17	21.20	21.09	
10	256QAM	1	0	18.92	19.02	19.12	18.92	20
10	256QAM	1	25	18.78	19.03	18.88	18.90	
10	256QAM	1	49	19.27	19.22	19.29	19.16	
10	256QAM	25	0	19.52	19.29	19.60	19.27	20
10	256QAM	25	12	19.22	19.27	19.56	19.17	
10	256QAM	25	25	19.38	19.29	19.25	19.41	
10	256QAM	50	0	19.43	19.51	19.63	19.45	
Channel				55265	55810	56170	56715	Tune-up limit
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)
5	QPSK	1	0	21.23	21.46	21.47	21.42	23
5	QPSK	1	12	21.15	21.30	21.42	21.28	
5	QPSK	1	24	21.14	21.27	21.30	21.27	
5	QPSK	12	0	21.31	21.44	21.57	21.54	23
5	QPSK	12	7	21.29	21.44	21.55	21.53	
5	QPSK	12	13	21.15	21.38	21.46	21.32	
5	QPSK	25	0	21.17	21.50	21.61	21.47	23
5	16QAM	1	0	21.38	21.58	21.59	21.52	
5	16QAM	1	12	21.30	21.41	21.51	21.44	
5	16QAM	1	24	21.34	21.40	21.44	21.41	23
5	16QAM	12	0	21.44	21.55	21.62	21.62	
5	16QAM	12	7	21.33	21.55	21.51	21.51	
5	16QAM	12	13	21.22	21.37	21.52	21.40	22
5	16QAM	25	0	21.23	21.51	21.59	21.46	
5	64QAM	1	0	21.20	21.29	21.41	21.42	
5	64QAM	1	12	21.02	21.22	21.25	21.09	22
5	64QAM	1	24	20.97	21.20	21.20	21.06	
5	64QAM	12	0	20.98	21.25	21.30	21.16	
5	64QAM	12	7	20.93	21.28	21.28	21.11	20
5	64QAM	12	13	20.96	21.22	21.23	21.11	
5	64QAM	25	0	20.97	21.25	21.24	21.11	
5	256QAM	1	0	18.92	19.00	19.15	19.02	20
5	256QAM	1	12	18.84	19.01	18.87	18.86	
5	256QAM	1	24	19.21	19.23	19.37	19.10	
5	256QAM	12	0	19.57	19.28	19.64	19.34	20
5	256QAM	12	7	19.24	19.25	19.57	19.22	
5	256QAM	12	13	19.40	19.28	19.22	19.33	
5	256QAM	25	0	19.43	19.52	19.62	19.48	

<FR1 n2 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.27	24.24	24.22	
20	PI/2 BPSK	1	53	24.25	24.25	24.24	25.0
20	PI/2 BPSK	1	104	24.22	24.20	24.25	
20	PI/2 BPSK	50	0	23.82	23.71	23.70	24.5
20	PI/2 BPSK	50	28	24.17	24.17	24.21	25.0
20	PI/2 BPSK	50	56	23.83	23.65	23.60	24.5
20	PI/2 BPSK	100	0	23.78	23.64	23.69	
20	QPSK	1	1	24.18	24.20	24.15	
20	QPSK	1	53	24.17	24.23	24.26	25.0
20	QPSK	1	104	24.19	24.13	24.10	
20	QPSK	50	0	23.31	23.13	23.13	24.0
20	QPSK	50	28	24.15	24.24	24.17	25.0
20	QPSK	50	56	23.30	23.13	23.09	24.0
20	QPSK	100	0	23.33	23.20	23.19	
20	16QAM	1	1	23.15	23.02	23.04	24.0
20	64QAM	1	1	21.35	21.23	21.26	22.5
20	256QAM	1	1	19.91	19.75	19.80	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.26	24.16	24.17	25.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.22	24.19	24.17	25.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.12	24.18	24.18	25.0

<FR1 n2 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.87	19.80	19.77	20.5
20	PI/2 BPSK	1	53	19.76	19.71	19.68	
20	PI/2 BPSK	1	104	19.82	19.77	19.75	
20	PI/2 BPSK	50	0	19.73	19.65	19.64	20.5
20	PI/2 BPSK	50	28	19.66	19.63	19.62	20.5
20	PI/2 BPSK	50	56	19.68	19.64	19.64	20.5
20	PI/2 BPSK	100	0	19.64	19.63	19.54	
20	QPSK	1	1	19.85	19.67	19.82	20.5
20	QPSK	1	53	19.76	19.62	19.72	
20	QPSK	1	104	19.79	19.66	19.70	
20	QPSK	50	0	19.71	19.66	19.68	20.5
20	QPSK	50	28	19.62	19.64	19.54	20.5
20	QPSK	50	56	19.65	19.63	19.63	20.5
20	QPSK	100	0	19.61	19.64	19.59	
20	16QAM	1	1	19.64	19.61	19.63	20.5
20	64QAM	1	1	19.68	19.62	19.59	20.5
20	256QAM	1	1	19.75	19.79	19.69	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.64	19.57	19.56	20.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.68	19.59	19.59	20.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.64	19.64	19.60	20.5

<FR1 n5 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.14	23.90	24.07	25.0
20	PI/2 BPSK	1	53	24.01	23.78	23.96	
20	PI/2 BPSK	1	104	23.91	23.72	23.82	
20	PI/2 BPSK	50	0	23.59	23.35	23.55	24.5
20	PI/2 BPSK	50	28	24.04	23.78	23.95	25.0
20	PI/2 BPSK	50	56	23.45	23.18	23.39	24.5
20	PI/2 BPSK	100	0	23.54	23.24	23.44	
20	QPSK	1	1	24.10	24.06	24.04	25.0
20	QPSK	1	53	24.04	23.92	23.92	
20	QPSK	1	104	23.89	23.84	23.80	
20	QPSK	50	0	23.08	22.81	23.00	24.0
20	QPSK	50	28	24.02	23.81	23.99	25.0
20	QPSK	50	56	22.96	22.65	22.86	24.0
20	QPSK	100	0	23.05	22.72	22.94	
20	16QAM	1	1	23.17	22.69	23.10	24.0
20	64QAM	1	1	21.48	21.35	21.39	22.5
20	256QAM	1	1	19.72	19.45	19.61	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.04	23.87	24.02	25.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.13	23.85	24.04	25.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.05	23.81	24.05	25.0

<FR1 n5_Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.11	21.07	21.03	22.0
20	PI/2 BPSK	1	53	20.97	20.95	20.92	
20	PI/2 BPSK	1	104	20.88	20.82	20.78	
20	PI/2 BPSK	50	0	20.88	20.85	20.79	22.0
20	PI/2 BPSK	50	28	20.90	20.86	20.83	22.0
20	PI/2 BPSK	50	56	20.79	20.76	20.71	22.0
20	PI/2 BPSK	100	0	20.91	20.89	20.85	
20	QPSK	1	1	21.06	20.97	20.94	22.0
20	QPSK	1	53	20.88	20.82	20.76	
20	QPSK	1	104	20.72	20.66	20.62	
20	QPSK	50	0	20.96	20.98	20.95	22.0
20	QPSK	50	28	20.85	20.88	20.84	22.0
20	QPSK	50	56	20.77	20.74	20.71	22.0
20	QPSK	100	0	20.92	20.89	20.85	
20	16QAM	1	1	21.06	21.03	20.89	22.0
20	64QAM	1	1	21.05	21.04	21.01	22.0
20	256QAM	1	1	19.58	19.56	19.52	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.05	20.95	20.90	22.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.05	20.89	20.85	22.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.02	20.93	20.98	22.0

<FR1 n7 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.01	24.03	23.98	25.0
20	PI/2 BPSK	1	53	24.00	23.98	23.96	
20	PI/2 BPSK	1	104	24.02	23.96	23.93	
20	PI/2 BPSK	50	0	23.47	23.52	23.53	24.5
20	PI/2 BPSK	50	28	23.92	23.94	23.92	25.0
20	PI/2 BPSK	50	56	23.45	23.47	23.51	24.5
20	PI/2 BPSK	100	0	23.46	23.45	23.47	
20	QPSK	1	1	23.99	24.00	23.97	25.0
20	QPSK	1	53	23.91	23.91	23.89	
20	QPSK	1	104	23.96	23.92	23.89	
20	QPSK	50	0	23.06	23.03	23.00	24.0
20	QPSK	50	28	23.96	24.01	23.98	25.0
20	QPSK	50	56	22.94	22.98	22.98	24.0
20	QPSK	100	0	23.05	23.02	23.07	
20	16QAM	1	1	23.16	23.14	23.10	24.0
20	64QAM	1	1	21.45	21.49	21.47	22.5
20	256QAM	1	1	19.25	19.30	19.27	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.97	24.00	23.95	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.97	23.96	23.97	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.01	23.96	23.91	25.0

<FR1 n7 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.95	20.06	20.01	20.5
20	PI/2 BPSK	1	53	19.94	20.03	19.99	
20	PI/2 BPSK	1	104	19.91	20.04	20.00	
20	PI/2 BPSK	50	0	20.03	20.00	19.97	20.5
20	PI/2 BPSK	50	28	20.13	20.22	19.96	20.5
20	PI/2 BPSK	50	56	19.99	19.97	20.01	20.5
20	PI/2 BPSK	100	0	20.04	20.11	20.03	
20	QPSK	1	1	20.04	20.05	19.99	20.5
20	QPSK	1	53	20.02	19.98	19.96	
20	QPSK	1	104	20.10	19.93	19.92	
20	QPSK	50	0	20.01	20.03	19.99	20.5
20	QPSK	50	28	20.01	20.01	20.03	20.5
20	QPSK	50	56	20.06	19.97	20.04	20.5
20	QPSK	100	0	19.98	20.00	19.96	
20	16QAM	1	1	20.04	20.00	19.88	20.5
20	64QAM	1	1	19.96	19.92	19.98	20.5
20	256QAM	1	1	19.98	19.81	19.99	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.93	20.18	20.10	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.89	20.03	20.06	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.10	20.13	19.97	20.5

<FR1 n12 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.96	23.93	23.88	
15	PI/2 BPSK	1	40	23.77	23.87	23.87	25.0
15	PI/2 BPSK	1	77	23.76	23.70	23.72	
15	PI/2 BPSK	36	0	23.35	23.30	23.30	
15	PI/2 BPSK	36	22	23.81	23.78	23.77	24.5
15	PI/2 BPSK	36	43	23.26	23.22	23.21	24.5
15	PI/2 BPSK	75	0	23.22	23.31	23.31	
15	QPSK	1	1	23.90	23.87	23.87	
15	QPSK	1	40	23.79	23.87	23.85	25.0
15	QPSK	1	77	23.78	23.70	23.68	
15	QPSK	36	0	22.88	22.83	22.81	
15	QPSK	36	22	23.72	23.82	23.79	24.0
15	QPSK	36	43	22.78	22.76	22.74	25.0
15	QPSK	75	0	22.78	22.84	22.83	
15	16QAM	1	1	23.03	23.02	22.97	
15	64QAM	1	1	21.25	21.21	21.21	24.0
15	256QAM	1	1	19.76	19.70	19.68	22.5
Channel				140800	141500	142200	20.5
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.86	23.86	23.81	
Channel				140300	141500	142700	25.0
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.89	23.87	23.79	

<FR1 n12 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	22.18	22.17	22.13	
15	PI/2 BPSK	1	40	22.05	22.07	22.01	23.0
15	PI/2 BPSK	1	77	21.93	21.91	21.85	
15	PI/2 BPSK	36	0	21.94	21.95	21.92	
15	PI/2 BPSK	36	22	21.90	21.96	21.84	23.0
15	PI/2 BPSK	36	43	21.85	21.86	21.80	23.0
15	PI/2 BPSK	75	0	21.88	21.94	21.89	
15	QPSK	1	1	22.06	22.03	22.03	
15	QPSK	1	40	21.96	21.95	21.85	23.0
15	QPSK	1	77	21.85	21.88	21.93	
15	QPSK	36	0	21.92	21.93	21.85	
15	QPSK	36	22	21.84	21.90	21.83	23.0
15	QPSK	36	43	21.86	21.84	21.80	23.0
15	QPSK	75	0	21.95	22.01	21.95	
15	16QAM	1	1	22.04	22.16	22.01	
15	64QAM	1	1	21.69	21.65	21.56	23.0
15	256QAM	1	1	19.74	19.75	19.68	22.5
Channel				140800	141500	142200	20.5
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.03	21.94	22.03	
Channel				140300	141500	142700	23.0
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.04	21.93	21.99	

<FR1 n25 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.16	24.21	24.17	25.0
20	PI/2 BPSK	1	53	24.23	24.31	24.15	
20	PI/2 BPSK	1	104	24.24	24.22	24.04	
20	PI/2 BPSK	50	0	23.81	23.81	23.62	24.5
20	PI/2 BPSK	50	28	24.29	24.30	24.05	25.0
20	PI/2 BPSK	50	56	23.72	23.73	23.54	24.5
20	PI/2 BPSK	100	0	23.80	23.81	23.59	
20	QPSK	1	1	24.17	24.17	23.95	25.0
20	QPSK	1	53	24.27	24.22	24.00	
20	QPSK	1	104	24.17	24.15	23.94	
20	QPSK	50	0	23.39	23.35	23.17	24.0
20	QPSK	50	28	24.22	24.27	24.08	25.0
20	QPSK	50	56	23.26	23.28	23.12	24.0
20	QPSK	100	0	23.28	23.27	23.06	
20	16QAM	1	1	23.24	23.25	23.06	24.0
20	64QAM	1	1	21.60	21.55	21.31	22.5
20	256QAM	1	1	19.37	19.36	19.19	20.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.12	24.16	24.13	25.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.13	24.21	24.10	25.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.07	24.11	24.07	25.0

<FR1 n25 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.94	19.97	19.80	20.5
20	PI/2 BPSK	1	53	19.75	19.76	19.75	
20	PI/2 BPSK	1	104	19.71	19.74	19.64	
20	PI/2 BPSK	50	0	19.71	19.69	19.59	20.5
20	PI/2 BPSK	50	28	19.73	19.74	19.68	20.5
20	PI/2 BPSK	50	56	19.72	19.63	19.58	20.5
20	PI/2 BPSK	100	0	19.68	19.69	19.65	
20	QPSK	1	1	19.74	19.77	19.68	20.5
20	QPSK	1	53	19.74	19.67	19.71	
20	QPSK	1	104	19.65	19.68	19.54	
20	QPSK	50	0	19.83	19.75	19.49	20.5
20	QPSK	50	28	19.74	19.70	19.58	20.5
20	QPSK	50	56	19.71	19.66	19.57	20.5
20	QPSK	100	0	19.74	19.69	19.73	
20	16QAM	1	1	19.60	19.67	19.66	20.5
20	64QAM	1	1	19.70	19.75	19.71	20.5
20	256QAM	1	1	19.64	19.76	19.69	20.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.73	19.64	19.72	20.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.86	19.70	19.65	20.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.70	19.75	19.62	20.5

<FR1 n66 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	25.0
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.55	24.44	24.30	25.0
20	PI/2 BPSK	1	53	24.45	24.32	24.23	
20	PI/2 BPSK	1	104	24.47	24.37	24.27	
20	PI/2 BPSK	50	0	24.05	23.90	23.80	24.5
20	PI/2 BPSK	50	28	24.52	24.40	24.39	25.0
20	PI/2 BPSK	50	56	23.96	23.88	23.79	24.5
20	PI/2 BPSK	100	0	23.89	23.79	23.74	
20	QPSK	1	1	24.46	24.35	24.26	25.0
20	QPSK	1	53	24.27	24.20	24.15	
20	QPSK	1	104	24.52	24.37	24.35	
20	QPSK	50	0	23.48	23.40	23.37	24.0
20	QPSK	50	28	24.54	24.42	24.40	25.0
20	QPSK	50	56	23.53	23.39	23.31	24.0
20	QPSK	100	0	23.46	23.38	23.29	
20	16QAM	1	1	23.58	23.43	23.43	24.0
20	64QAM	1	1	21.89	21.83	21.77	22.5
20	256QAM	1	1	20.48	20.45	20.48	20.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.49	24.35	24.28	25.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.50	24.35	24.27	25.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.53	24.39	24.20	25.0

<FR1 n66 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.52	21.54	21.55	22.0
20	PI/2 BPSK	1	53	21.45	21.46	21.53	
20	PI/2 BPSK	1	104	21.51	21.42	21.39	
20	PI/2 BPSK	50	0	21.44	21.48	21.34	22.0
20	PI/2 BPSK	50	28	21.48	21.52	21.74	22.0
20	PI/2 BPSK	50	56	21.24	21.51	21.27	22.0
20	PI/2 BPSK	100	0	21.47	21.50	21.37	
20	QPSK	1	1	21.42	21.39	21.38	22.0
20	QPSK	1	53	21.51	21.42	21.52	
20	QPSK	1	104	21.51	21.51	21.46	
20	QPSK	50	0	21.44	21.49	21.44	22.0
20	QPSK	50	28	21.57	21.51	21.58	22.0
20	QPSK	50	56	21.27	21.41	21.24	22.0
20	QPSK	100	0	21.34	21.47	21.31	
20	16QAM	1	1	21.58	21.37	21.51	22.0
20	64QAM	1	1	21.27	21.38	21.35	22.0
20	256QAM	1	1	21.40	21.29	21.37	22.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.50	21.63	21.64	22.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.52	21.53	21.67	22.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.54	21.61	21.55	22.0

<FR1 n71 Ant 1 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.17	23.95	23.92	25.0
20	PI/2 BPSK	1	53	23.89	23.86	23.81	
20	PI/2 BPSK	1	104	23.87	23.75	23.61	
20	PI/2 BPSK	50	0	23.47	23.39	23.31	24.5
20	PI/2 BPSK	50	28	23.86	23.92	23.81	25.0
20	PI/2 BPSK	50	56	23.35	23.26	23.20	24.5
20	PI/2 BPSK	100	0	23.41	23.39	23.22	
20	QPSK	1	1	24.15	23.94	23.87	25.0
20	QPSK	1	53	23.81	23.85	23.75	
20	QPSK	1	104	23.80	23.76	23.54	
20	QPSK	50	0	22.98	22.91	22.84	24.0
20	QPSK	50	28	23.88	23.92	23.83	25.0
20	QPSK	50	56	23.84	22.77	22.69	24.0
20	QPSK	100	0	22.89	22.89	22.74	
20	16QAM	1	1	23.17	23.09	22.92	24.0
20	64QAM	1	1	21.40	21.23	21.17	22.5
20	256QAM	1	1	19.68	19.52	19.38	20.5
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.16	23.87	23.84	25.0
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.09	23.94	23.91	25.0
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.14	23.94	23.85	25.0

<FR1 n71 Ant 1 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	23.0
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.30	22.12	22.02	23.0
20	PI/2 BPSK	1	53	22.05	21.94	21.82	
20	PI/2 BPSK	1	104	22.01	21.90	21.86	
20	PI/2 BPSK	50	0	21.98	21.93	21.88	23.0
20	PI/2 BPSK	50	28	22.20	22.09	22.00	23.0
20	PI/2 BPSK	50	56	21.95	21.92	21.82	23.0
20	PI/2 BPSK	100	0	21.92	21.95	21.84	
20	QPSK	1	1	22.29	22.27	22.20	23.0
20	QPSK	1	53	22.10	22.05	21.98	
20	QPSK	1	104	22.04	22.04	21.95	
20	QPSK	50	0	22.03	22.05	21.97	23.0
20	QPSK	50	28	21.95	21.98	21.91	23.0
20	QPSK	50	56	21.96	21.92	21.85	23.0
20	QPSK	100	0	21.98	21.93	21.84	
20	16QAM	1	1	21.99	21.93	21.80	23.0
20	64QAM	1	1	21.76	21.70	21.64	23.0
20	256QAM	1	1	19.98	19.94	19.87	21.0
Channel				134100	136100	138100	23.0
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.28	22.23	22.15	23.0
Channel				133600	136100	138600	23.0
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.20	22.17	22.20	23.0
Channel				133100	136100	139100	23.0
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.19	22.24	22.19	23.0

<FR1 n41 Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.86	24.02	23.94	25.0
100	PI/2 BPSK	1	137	24.04	24.10	24.06	
100	PI/2 BPSK	1	271	23.61	24.12	23.95	
100	PI/2 BPSK	135	0	23.82	23.72	23.88	24.5
100	PI/2 BPSK	135	69	23.96	24.00	23.95	25.0
100	PI/2 BPSK	135	138	23.84	24.04	23.92	24.5
100	PI/2 BPSK	270	0	23.85	23.98	23.96	
100	QPSK	1	1	23.85	23.86	23.92	25.0
100	QPSK	1	137	23.99	23.91	23.99	
100	QPSK	1	271	23.48	24.03	23.94	
100	QPSK	135	0	23.79	23.85	23.89	25.0
100	QPSK	135	69	23.93	23.87	23.99	
100	QPSK	135	138	23.82	23.97	23.98	
100	QPSK	270	0	23.83	23.92	23.98	24.0
100	16QAM	1	1	23.29	23.95	23.92	24.0
100	64QAM	1	1	21.46	22.05	21.89	22.5
100	256QAM	1	1	20.41	20.45	20.48	20.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.83	24.01	23.90	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.84	23.96	23.86	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.77	23.94	23.92	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.76	23.99	23.94	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.84	23.96	23.89	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.81	24.01	23.92	25.0

<FR1 n41 Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.70	20.89	20.85	21.0
100	PI/2 BPSK	1	137	20.68	20.92	20.89	
100	PI/2 BPSK	1	271	20.50	21.00	20.91	
100	PI/2 BPSK	135	0	20.79	20.87	20.90	21.0
100	PI/2 BPSK	135	69	20.66	20.91	20.90	21.0
100	PI/2 BPSK	135	138	20.52	20.89	20.81	21.0
100	PI/2 BPSK	270	0	20.60	20.90	20.79	
100	QPSK	1	1	20.64	20.93	20.75	21.0
100	QPSK	1	137	20.59	20.92	20.83	
100	QPSK	1	271	20.45	20.98	20.91	
100	QPSK	135	0	20.74	20.82	20.84	21.0
100	QPSK	135	69	20.56	20.92	20.93	
100	QPSK	135	138	20.45	20.97	20.72	
100	QPSK	270	0	20.57	20.91	20.69	21.0
100	16QAM	1	1	20.56	20.96	20.66	21.0
100	64QAM	1	1	20.57	20.97	20.83	21.0
100	256QAM	1	1	20.38	20.42	20.85	21.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.73	20.90	20.89	21.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.74	20.91	20.88	21.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.69	20.97	20.87	21.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.78	20.92	20.86	21.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.74	20.96	20.91	21.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.73	20.91	20.89	21.0

<FR1 n41 HPUE Ant 0 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.04	25.36	25.29	27.0
100	PI/2 BPSK	1	137	24.94	25.29	25.17	
100	PI/2 BPSK	1	271	24.96	25.25	25.20	
100	PI/2 BPSK	135	0	24.53	24.71	24.61	26.5
100	PI/2 BPSK	135	69	25.03	25.27	25.24	27.0
100	PI/2 BPSK	135	138	24.57	24.79	24.68	26.5
100	PI/2 BPSK	270	0	24.52	24.78	24.69	
100	QPSK	1	1	25.05	25.32	25.20	27.0
100	QPSK	1	137	24.95	25.25	25.20	
100	QPSK	1	271	24.86	25.18	25.09	
100	QPSK	135	0	24.13	24.20	24.09	27.0
100	QPSK	135	69	24.90	25.23	25.21	
100	QPSK	135	138	24.08	24.31	24.24	
100	QPSK	270	0	24.02	24.25	24.20	26.0
100	16QAM	1	1	24.04	24.17	24.08	26.0
100	64QAM	1	1	22.63	22.92	22.81	24.5
100	256QAM	1	1	21.02	21.06	21.04	22.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.01	25.32	25.13	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.04	25.28	25.15	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.04	25.26	25.10	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.05	25.24	25.12	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.02	25.28	25.19	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.01	25.27	25.13	27.0

<FR1 n41 HPUE Ant 0 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.70	20.89	20.85	21.0
100	PI/2 BPSK	1	137	20.68	20.92	20.89	
100	PI/2 BPSK	1	271	20.50	21.00	20.91	
100	PI/2 BPSK	135	0	20.79	20.87	20.90	21.0
100	PI/2 BPSK	135	69	20.66	20.91	20.90	21.0
100	PI/2 BPSK	135	138	20.52	20.89	20.81	21.0
100	PI/2 BPSK	270	0	20.60	20.90	20.79	
100	QPSK	1	1	20.64	20.93	20.75	21.0
100	QPSK	1	137	20.59	20.92	20.83	
100	QPSK	1	271	20.45	20.98	20.91	
100	QPSK	135	0	20.74	20.82	20.84	21.0
100	QPSK	135	69	20.56	20.92	20.93	
100	QPSK	135	138	20.45	20.97	20.72	
100	QPSK	270	0	20.57	20.91	20.69	21.0
100	16QAM	1	1	20.56	20.96	20.66	21.0
100	64QAM	1	1	20.57	20.97	20.83	21.0
100	256QAM	1	1	20.38	20.42	20.85	21.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.73	20.90	20.89	21.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.74	20.91	20.88	21.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.69	20.97	20.87	21.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.78	20.92	20.86	21.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.74	20.96	20.91	21.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.73	20.91	20.89	21.0

<FR1 n41 Ant 2 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.21	23.72	23.49	25.0
100	PI/2 BPSK	1	137	23.57	23.77	23.64	
100	PI/2 BPSK	1	271	23.25	23.74	23.38	
100	PI/2 BPSK	135	0	23.36	23.53	23.52	24.5
100	PI/2 BPSK	135	69	23.46	23.57	23.60	25.0
100	PI/2 BPSK	135	138	23.36	23.64	23.52	24.5
100	PI/2 BPSK	270	0	23.38	23.59	23.51	
100	QPSK	1	1	23.11	23.60	23.53	25.0
100	QPSK	1	137	23.52	23.58	23.67	
100	QPSK	1	271	23.17	23.65	23.37	
100	QPSK	135	0	23.34	23.49	23.56	25.0
100	QPSK	135	69	23.40	23.55	23.62	
100	QPSK	135	138	23.41	23.59	23.55	
100	QPSK	270	0	23.38	23.57	23.53	24.0
100	16QAM	1	1	23.02	23.55	23.37	24.0
100	64QAM	1	1	22.33	22.95	22.90	23.0
100	256QAM	1	1	20.48	20.96	20.89	21.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.22	23.68	23.32	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.18	23.65	23.32	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.20	23.65	23.35	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.15	23.74	23.31	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.15	23.64	23.29	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.25	23.69	23.33	25.0

<FR1 n41 Ant 2 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.40	18.89	18.61	19.5
100	PI/2 BPSK	1	137	18.52	18.73	18.56	
100	PI/2 BPSK	1	271	18.45	18.71	18.70	
100	PI/2 BPSK	135	0	18.39	18.60	18.52	19.5
100	PI/2 BPSK	135	69	18.59	18.70	18.66	19.5
100	PI/2 BPSK	135	138	18.51	18.69	18.58	19.5
100	PI/2 BPSK	270	0	18.42	18.73	18.55	
100	QPSK	1	1	18.40	18.86	18.51	19.5
100	QPSK	1	137	18.43	18.70	18.50	
100	QPSK	1	271	18.39	18.74	18.62	
100	QPSK	135	0	18.31	18.61	18.45	19.5
100	QPSK	135	69	18.59	18.72	18.62	
100	QPSK	135	138	18.49	18.68	18.55	
100	QPSK	270	0	18.38	18.73	18.47	19.5
100	16QAM	1	1	18.37	18.82	18.43	19.5
100	64QAM	1	1	18.38	18.85	18.49	19.5
100	256QAM	1	1	18.30	18.88	18.60	19.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.32	18.81	18.50	19.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.40	18.86	18.49	19.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.35	18.83	18.47	19.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.39	18.76	18.46	19.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.31	18.70	18.43	19.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.38	18.83	18.48	19.5

<FR1 n41 HPUE Ant 2 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.44	25.49	25.50	27.0
100	PI/2 BPSK	1	137	25.65	25.88	25.53	
100	PI/2 BPSK	1	271	25.36	25.51	24.11	
100	PI/2 BPSK	135	0	24.82	24.97	25.09	26.5
100	PI/2 BPSK	135	69	25.46	25.58	25.44	27.0
100	PI/2 BPSK	135	138	25.08	25.01	24.64	26.5
100	PI/2 BPSK	270	0	25.15	25.45	24.97	
100	QPSK	1	1	25.40	25.70	25.65	27.0
100	QPSK	1	137	25.26	25.86	25.82	
100	QPSK	1	271	25.44	25.34	24.08	
100	QPSK	135	0	25.48	25.53	25.48	27.0
100	QPSK	135	69	25.37	25.47	25.45	
100	QPSK	135	138	25.29	25.56	25.31	
100	QPSK	270	0	24.95	25.06	24.63	26.0
100	16QAM	1	1	24.37	24.58	24.64	26.0
100	64QAM	1	1	23.20	23.12	23.14	24.5
100	256QAM	1	1	22.24	22.44	22.29	22.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.33	25.61	25.59	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.30	25.66	25.58	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.35	25.64	25.56	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.36	25.64	25.55	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.36	25.65	25.62	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.37	25.68	25.61	27.0

<FR1 n41 HPUE Ant 2 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.40	18.89	18.61	19.5
100	PI/2 BPSK	1	137	18.52	18.73	18.56	
100	PI/2 BPSK	1	271	18.45	18.71	18.70	
100	PI/2 BPSK	135	0	18.39	18.60	18.52	19.5
100	PI/2 BPSK	135	69	18.59	18.70	18.66	19.5
100	PI/2 BPSK	135	138	18.51	18.69	18.58	19.5
100	PI/2 BPSK	270	0	18.42	18.73	18.55	
100	QPSK	1	1	18.40	18.86	18.51	19.5
100	QPSK	1	137	18.43	18.70	18.50	
100	QPSK	1	271	18.39	18.74	18.62	
100	QPSK	135	0	18.31	18.61	18.45	19.5
100	QPSK	135	69	18.59	18.72	18.62	
100	QPSK	135	138	18.49	18.68	18.55	
100	QPSK	270	0	18.38	18.73	18.47	19.5
100	16QAM	1	1	18.37	18.82	18.43	19.5
100	64QAM	1	1	18.38	18.85	18.49	19.5
100	256QAM	1	1	18.30	18.88	18.60	19.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.32	18.81	18.50	19.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.40	18.86	18.49	19.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.35	18.83	18.47	19.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.39	18.76	18.46	19.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.31	18.70	18.43	19.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.38	18.83	18.48	19.5

<FR1 n77 Ant 2 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.20	23.54	23.49	25.0
100	PI/2 BPSK	1	137	23.52	23.75	23.52	
100	PI/2 BPSK	1	271	23.96	23.71	23.50	
100	PI/2 BPSK	135	0	23.12	23.57	23.41	24.5
100	PI/2 BPSK	135	69	23.35	23.56	23.34	25.0
100	PI/2 BPSK	135	138	23.59	23.56	23.33	24.5
100	PI/2 BPSK	270	0	23.31	23.51	23.41	
100	QPSK	1	1	23.13	23.48	23.58	25.0
100	QPSK	1	137	23.35	23.67	23.45	
100	QPSK	1	271	23.87	23.54	23.50	
100	QPSK	135	0	23.16	23.45	23.35	25.0
100	QPSK	135	69	23.33	23.53	23.36	
100	QPSK	135	138	23.57	23.56	23.32	
100	QPSK	270	0	23.26	23.38	23.26	24.0
100	16QAM	1	1	23.06	23.47	23.92	24.0
100	64QAM	1	1	22.42	22.78	22.94	23.0
100	256QAM	1	1	20.51	20.94	20.93	21.0

<FR1 n77 Ant 2 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.69	17.63	17.60	19.0
100	PI/2 BPSK	1	137	17.67	17.80	17.53	
100	PI/2 BPSK	1	271	17.59	17.59	17.48	
100	PI/2 BPSK	135	0	17.70	17.63	17.65	19.0
100	PI/2 BPSK	135	69	17.71	17.79	17.59	19.0
100	PI/2 BPSK	135	138	17.68	17.63	17.59	19.0
100	PI/2 BPSK	270	0	17.60	17.60	17.51	
100	QPSK	1	1	17.62	17.51	17.57	19.0
100	QPSK	1	137	17.66	17.68	17.49	
100	QPSK	1	271	17.55	17.56	17.41	
100	QPSK	135	0	17.70	17.62	17.60	19.0
100	QPSK	135	69	17.64	17.62	17.52	
100	QPSK	135	138	17.66	17.69	17.51	
100	QPSK	270	0	17.53	17.61	17.42	19.0
100	16QAM	1	1	17.58	17.57	17.57	19.0
100	64QAM	1	1	17.56	17.77	17.45	19.0
100	256QAM	1	1	17.49	17.75	17.38	19.0

<FR1 n77 HPUE Ant 2 Default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.82	26.27	25.55	27.0
100	PI/2 BPSK	1	137	25.74	26.21	25.58	
100	PI/2 BPSK	1	271	25.86	26.00	25.31	
100	PI/2 BPSK	135	0	25.42	25.65	25.37	26.5
100	PI/2 BPSK	135	69	25.97	26.16	25.71	27.0
100	PI/2 BPSK	135	138	25.46	25.62	25.13	26.5
100	PI/2 BPSK	270	0	25.59	25.64	25.25	
100	QPSK	1	1	26.08	26.25	26.06	27.0
100	QPSK	1	137	25.94	26.20	25.90	
100	QPSK	1	271	25.88	26.15	25.57	
100	QPSK	135	0	25.09	25.12	25.26	27.0
100	QPSK	135	69	25.95	25.67	25.58	
100	QPSK	135	138	25.24	25.29	25.04	
100	QPSK	270	0	25.06	25.04	24.84	26.0
100	16QAM	1	1	25.19	25.27	25.19	26.0
100	64QAM	1	1	23.88	23.68	23.86	24.5
100	256QAM	1	1	21.61	21.72	21.95	22.5

<FR1 n77 HPUE Ant 2 Reduced>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.69	17.63	17.60	19.0
100	PI/2 BPSK	1	137	17.67	17.80	17.53	
100	PI/2 BPSK	1	271	17.59	17.59	17.48	
100	PI/2 BPSK	135	0	17.70	17.63	17.65	19.0
100	PI/2 BPSK	135	69	17.71	17.79	17.59	19.0
100	PI/2 BPSK	135	138	17.68	17.63	17.59	19.0
100	PI/2 BPSK	270	0	17.60	17.60	17.51	
100	QPSK	1	1	17.62	17.51	17.57	19.0
100	QPSK	1	137	17.66	17.68	17.49	
100	QPSK	1	271	17.55	17.56	17.41	
100	QPSK	135	0	17.70	17.62	17.60	19.0
100	QPSK	135	69	17.64	17.62	17.52	
100	QPSK	135	138	17.66	17.69	17.51	
100	QPSK	270	0	17.53	17.61	17.42	19.0
100	16QAM	1	1	17.58	17.57	17.57	19.0
100	64QAM	1	1	17.56	17.77	17.45	19.0
100	256QAM	1	1	17.49	17.75	17.38	19.0