



FCC SAR TEST REPORT

Report No. :FA5N0809-01C

5	256QAM	12	0	13.92	13.93	13.92	15.50
5	256QAM	12	7	13.94	13.96	13.84	15.50
5	256QAM	12	13	13.81	13.92	13.85	15.50
5	256QAM	25	0	13.88	13.83	13.79	15.50
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	13.94	14.02	13.94	15.50
3	QPSK	1	8	13.97	13.92	13.92	15.50
3	QPSK	1	14	13.94	14.00	13.92	15.50
3	QPSK	8	0	13.99	13.92	13.99	15.50
3	QPSK	8	4	13.98	13.89	13.93	15.50
3	QPSK	8	7	13.91	13.94	13.88	15.50
3	QPSK	15	0	13.90	13.92	13.93	15.50
3	16QAM	1	0	14.00	13.95	13.82	15.50
3	16QAM	1	8	13.93	13.90	13.87	15.50
3	16QAM	1	14	13.97	13.98	13.83	15.50
3	16QAM	8	0	14.00	13.89	13.93	15.50
3	16QAM	8	4	13.84	13.89	13.84	15.50
3	16QAM	8	7	13.85	13.80	13.84	15.50
3	16QAM	15	0	13.80	13.91	13.82	15.50
3	64QAM	1	0	13.86	13.91	13.99	15.50
3	64QAM	1	8	13.83	13.85	13.79	15.50
3	64QAM	1	14	13.93	13.89	13.83	15.50
3	64QAM	8	0	13.89	13.94	13.96	15.50
3	64QAM	8	4	13.96	13.94	13.92	15.50
3	64QAM	8	7	13.88	13.93	13.90	15.50
3	64QAM	15	0	13.88	13.88	13.95	15.50
3	256QAM	1	0	13.83	13.88	13.94	15.50
3	256QAM	1	8	13.92	13.96	13.82	15.50
3	256QAM	1	14	13.90	13.93	13.82	15.50
3	256QAM	8	0	13.90	13.84	13.92	15.50
3	256QAM	8	4	13.84	13.94	13.93	15.50
3	256QAM	8	7	13.81	13.88	13.77	15.50
3	256QAM	15	0	13.90	13.89	13.81	15.50
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	13.90	13.98	13.95	15.50
1.4	QPSK	1	3	13.86	13.91	13.91	15.50
1.4	QPSK	1	5	13.96	13.94	13.96	15.50
1.4	QPSK	3	0	14.00	13.95	14.01	15.50
1.4	QPSK	3	1	14.00	13.90	13.96	15.50
1.4	QPSK	3	3	13.95	13.97	13.91	15.50
1.4	QPSK	6	0	13.97	13.91	13.97	15.50
1.4	16QAM	1	0	13.92	13.95	13.93	15.50
1.4	16QAM	1	3	13.89	13.91	13.84	15.50
1.4	16QAM	1	5	13.88	13.89	13.82	15.50
1.4	16QAM	3	0	13.92	13.92	13.84	15.50
1.4	16QAM	3	1	13.97	13.92	13.76	15.50
1.4	16QAM	3	3	13.90	13.89	13.96	15.50
1.4	16QAM	6	0	13.91	13.91	13.86	15.50
1.4	64QAM	1	0	13.91	13.92	13.93	15.50
1.4	64QAM	1	3	13.84	13.84	13.84	15.50
1.4	64QAM	1	5	13.85	13.97	13.83	15.50
1.4	64QAM	3	0	13.96	13.97	14.02	15.50
1.4	64QAM	3	1	13.95	13.87	13.88	15.50
1.4	64QAM	3	3	13.87	13.92	13.82	15.50
1.4	64QAM	6	0	13.91	13.89	13.85	15.50
1.4	256QAM	1	0	13.90	13.89	13.88	15.50
1.4	256QAM	1	3	13.92	13.86	13.82	15.50
1.4	256QAM	1	5	13.89	13.91	13.88	15.50
1.4	256QAM	3	0	13.92	13.87	13.86	15.50
1.4	256QAM	3	1	13.92	13.95	13.89	15.50
1.4	256QAM	3	3	13.90	13.89	13.78	15.50
1.4	256QAM	6	0	13.92	13.86	13.83	15.50

【LTE Band 25_Ant 0_ECI 5】

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	14.05	14.08	14.03	14.10
20	QPSK	1	49	14.01	13.98	13.99	14.10
20	QPSK	1	99	14.04	14.07	14.00	14.10
20	QPSK	50	0	14.05	14.05	14.04	14.10
20	QPSK	50	24	14.03	14.01	13.99	14.10
20	QPSK	50	50	14.03	14.02	14.00	14.10
20	QPSK	100	0	14.01	14.04	13.98	14.10
20	16QAM	1	0	14.02	14.05	13.94	14.10
20	16QAM	1	49	13.97	13.95	13.94	14.10
20	16QAM	1	99	13.98	14.01	13.92	14.10
20	16QAM	50	0	14.05	13.99	13.95	14.10
20	16QAM	50	24	13.99	13.99	13.90	14.10
20	16QAM	50	50	13.93	13.94	13.97	14.10
20	16QAM	100	0	13.94	13.95	13.90	14.10
20	64QAM	1	0	13.98	13.98	14.02	14.10
20	64QAM	1	49	13.94	13.97	13.92	14.10
20	64QAM	1	99	13.96	14.03	13.93	14.10
20	64QAM	50	0	14.02	14.00	14.03	14.10
20	64QAM	50	24	13.97	13.96	13.95	14.10
20	64QAM	50	50	14.00	13.99	13.97	14.10
20	64QAM	100	0	13.98	13.99	13.96	14.10
20	256QAM	1	0	13.98	13.99	13.97	14.10
20	256QAM	1	49	13.97	13.98	13.90	14.10
20	256QAM	1	99	14.03	14.01	13.93	14.10
20	256QAM	50	0	14.04	13.97	13.99	14.10
20	256QAM	50	24	13.98	14.01	13.96	14.10
20	256QAM	50	50	13.93	13.97	13.91	14.10
20	256QAM	100	0	13.98	13.95	13.90	14.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	14.04	13.94	13.94	14.10
15	QPSK	1	37	13.92	13.87	13.88	14.10
15	QPSK	1	74	14.00	14.04	13.87	14.10
15	QPSK	36	0	14.02	13.93	13.98	14.10
15	QPSK	36	20	13.90	13.95	13.96	14.10
15	QPSK	36	39	14.01	14.00	13.89	14.10
15	QPSK	75	0	13.98	13.92	13.97	14.10
15	16QAM	1	0	13.98	13.90	13.80	14.10
15	16QAM	1	37	13.85	13.86	13.81	14.10
15	16QAM	1	74	13.85	13.93	13.80	14.10
15	16QAM	36	0	13.94	13.97	13.91	14.10
15	16QAM	36	20	13.98	13.87	13.82	14.10
15	16QAM	36	39	13.83	13.86	13.93	14.10
15	16QAM	75	0	13.84	13.84	13.84	14.10
15	64QAM	1	0	13.90	13.96	13.99	14.10
15	64QAM	1	37	13.87	13.92	13.85	14.10
15	64QAM	1	74	13.91	13.96	13.82	14.10
15	64QAM	36	0	13.90	13.88	13.98	14.10
15	64QAM	36	20	13.88	13.95	13.88	14.10
15	64QAM	36	39	13.90	13.91	13.93	14.10
15	64QAM	75	0	13.90	13.97	13.93	14.10
15	256QAM	1	0	13.94	13.87	13.85	14.10
15	256QAM	1	37	13.84	13.83	13.80	14.10
15	256QAM	1	74	13.97	13.94	13.86	14.10
15	256QAM	36	0	14.00	13.83	13.93	14.10
15	256QAM	36	20	13.88	13.99	13.84	14.10
15	256QAM	36	39	13.78	13.95	13.76	14.10
15	256QAM	75	0	13.94	13.91	13.84	14.10
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	13.96	14.06	13.93	14.10
10	QPSK	1	25	13.98	13.85	13.98	14.10
10	QPSK	1	49	13.91	13.97	13.91	14.10
10	QPSK	25	0	13.96	13.98	14.03	14.10
10	QPSK	25	12	13.92	13.94	13.89	14.10
10	QPSK	25	25	13.97	13.93	13.88	14.10
10	QPSK	50	0	13.91	13.91	13.94	14.10
10	16QAM	1	0	13.92	13.93	13.91	14.10
10	16QAM	1	25	13.91	13.88	13.86	14.10
10	16QAM	1	49	13.91	13.98	13.81	14.10



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10	16QAM	25	0	14.01	13.98	13.83	14.10
10	16QAM	25	12	13.86	13.87	13.84	14.10
10	16QAM	25	25	13.87	13.88	13.89	14.10
10	16QAM	50	0	13.93	13.84	13.78	14.10
10	64QAM	1	0	13.94	13.93	13.95	14.10
10	64QAM	1	25	13.85	13.96	13.79	14.10
10	64QAM	1	49	13.84	13.97	13.91	14.10
10	64QAM	25	0	13.88	13.88	13.90	14.10
10	64QAM	25	12	13.87	13.93	13.93	14.10
10	64QAM	25	25	13.96	13.88	13.83	14.10
10	64QAM	50	0	13.85	13.94	13.86	14.10
10	256QAM	1	0	13.89	13.89	13.84	14.10
10	256QAM	1	25	13.95	13.94	13.89	14.10
10	256QAM	1	49	13.98	13.98	13.85	14.10
10	256QAM	25	0	13.90	13.90	13.88	14.10
10	256QAM	25	12	13.91	13.98	13.92	14.10
10	256QAM	25	25	13.88	13.95	13.77	14.10
10	256QAM	50	0	13.86	13.86	13.77	14.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	13.99	13.96	13.94	14.10
5	QPSK	1	12	14.00	13.84	13.92	14.10
5	QPSK	1	24	13.98	14.05	13.97	14.10
5	QPSK	12	0	13.96	13.92	13.90	14.10
5	QPSK	12	7	13.93	13.86	13.97	14.10
5	QPSK	12	13	13.90	13.99	13.98	14.10
5	QPSK	25	0	13.90	13.97	13.90	14.10
5	16QAM	1	0	13.91	13.97	13.84	14.10
5	16QAM	1	12	13.84	13.89	13.80	14.10
5	16QAM	1	24	13.93	13.88	13.78	14.10
5	16QAM	12	0	13.92	13.90	13.81	14.10
5	16QAM	12	7	13.84	13.90	13.83	14.10
5	16QAM	12	13	13.82	13.90	13.93	14.10
5	16QAM	25	0	13.92	13.87	13.76	14.10
5	64QAM	1	0	13.85	13.87	13.99	14.10
5	64QAM	1	12	13.93	13.84	13.89	14.10
5	64QAM	1	24	13.93	13.91	13.87	14.10
5	64QAM	12	0	13.91	13.91	13.92	14.10
5	64QAM	12	7	13.88	13.94	13.86	14.10
5	64QAM	12	13	13.88	13.97	13.91	14.10
5	64QAM	25	0	13.84	13.92	13.88	14.10
5	256QAM	1	0	13.95	13.88	13.84	14.10
5	256QAM	1	12	13.93	13.84	13.85	14.10
5	256QAM	1	24	13.88	13.88	13.80	14.10
5	256QAM	12	0	13.92	13.93	13.92	14.10
5	256QAM	12	7	13.94	13.96	13.84	14.10
5	256QAM	12	13	13.81	13.92	13.85	14.10
5	256QAM	25	0	13.88	13.83	13.79	14.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	13.94	14.02	13.94	14.10
3	QPSK	1	8	13.97	13.92	13.92	14.10
3	QPSK	1	14	13.94	14.00	13.92	14.10
3	QPSK	8	0	13.99	13.92	13.99	14.10
3	QPSK	8	4	13.98	13.89	13.93	14.10
3	QPSK	8	7	13.91	13.94	13.88	14.10
3	QPSK	15	0	13.90	13.92	13.93	14.10
3	16QAM	1	0	14.00	13.95	13.82	14.10
3	16QAM	1	8	13.93	13.90	13.87	14.10
3	16QAM	1	14	13.97	13.98	13.83	14.10
3	16QAM	8	0	14.00	13.89	13.93	14.10
3	16QAM	8	4	13.84	13.89	13.84	14.10
3	16QAM	8	7	13.85	13.80	13.84	14.10
3	16QAM	15	0	13.80	13.91	13.82	14.10
3	64QAM	1	0	13.86	13.91	13.99	14.10
3	64QAM	1	8	13.83	13.85	13.79	14.10
3	64QAM	1	14	13.93	13.89	13.83	14.10
3	64QAM	8	0	13.89	13.94	13.96	14.10
3	64QAM	8	4	13.96	13.94	13.92	14.10
3	64QAM	8	7	13.88	13.93	13.90	14.10
3	64QAM	15	0	13.88	13.88	13.95	14.10
3	256QAM	1	0	13.83	13.88	13.94	14.10
3	256QAM	1	8	13.92	13.96	13.82	14.10
3	256QAM	1	14	13.90	13.93	13.82	14.10
3	256QAM	8	0	13.90	13.84	13.92	14.10
3	256QAM	8	4	13.84	13.94	13.93	14.10
3	256QAM	8	7	13.81	13.88	13.77	14.10
3	256QAM	15	0	13.90	13.89	13.81	14.10

Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	13.90	13.98	13.95	14.10
1.4	QPSK	1	3	13.86	13.91	13.91	14.10
1.4	QPSK	1	5	13.96	13.94	13.96	14.10
1.4	QPSK	3	0	14.00	13.95	14.01	14.10
1.4	QPSK	3	1	14.00	13.90	13.96	14.10
1.4	QPSK	3	3	13.95	13.97	13.91	14.10
1.4	QPSK	6	0	13.97	13.91	13.97	14.10
1.4	16QAM	1	0	13.92	13.95	13.93	14.10
1.4	16QAM	1	3	13.89	13.91	13.84	14.10
1.4	16QAM	1	5	13.88	13.89	13.82	14.10
1.4	16QAM	3	0	13.92	13.92	13.84	14.10
1.4	16QAM	3	1	13.97	13.92	13.76	14.10
1.4	16QAM	3	3	13.90	13.89	13.96	14.10
1.4	16QAM	6	0	13.91	13.91	13.86	14.10
1.4	64QAM	1	0	13.91	13.92	13.93	14.10
1.4	64QAM	1	3	13.84	13.84	13.84	14.10
1.4	64QAM	1	5	13.85	13.97	13.83	14.10
1.4	64QAM	3	0	13.96	13.97	14.02	14.10
1.4	64QAM	3	1	13.95	13.87	13.88	14.10
1.4	64QAM	3	3	13.87	13.92	13.82	14.10
1.4	64QAM	6	0	13.91	13.89	13.85	14.10
1.4	256QAM	1	0	13.90	13.89	13.88	14.10
1.4	256QAM	1	3	13.92	13.86	13.82	14.10
1.4	256QAM	1	5	13.89	13.91	13.88	14.10
1.4	256QAM	3	0	13.92	13.87	13.86	14.10
1.4	256QAM	3	1	13.92	13.95	13.89	14.10
1.4	256QAM	3	3	13.90	13.89	13.78	14.10
1.4	256QAM	6	0	13.92	13.86	13.83	14.10

【LTE Band 25_Ant 0_ECI 6】

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	14.05	14.08	14.03	14.10
20	QPSK	1	49	14.01	13.98	13.99	14.10
20	QPSK	1	99	14.04	14.07	14.00	14.10
20	QPSK	50	0	14.05	14.05	14.04	14.10
20	QPSK	50	24	14.03	14.01	13.99	14.10
20	QPSK	50	50	14.03	14.02	14.00	14.10
20	QPSK	100	0	14.01	14.04	13.98	14.10
20	16QAM	1	0	14.02	14.05	13.94	14.10
20	16QAM	1	49	13.97	13.95	13.94	14.10
20	16QAM	1	99	13.98	14.01	13.92	14.10
20	16QAM	50	0	14.05	13.99	13.95	14.10
20	16QAM	50	24	13.99	13.99	13.90	14.10
20	16QAM	50	50	13.93	13.94	13.97	14.10
20	16QAM	100	0	13.94	13.95	13.90	14.10
20	64QAM	1	0	13.98	13.98	14.02	14.10
20	64QAM	1	49	13.94	13.97	13.92	14.10
20	64QAM	1	99	13.96	14.03	13.93	14.10
20	64QAM	50	0	14.02	14.00	14.03	14.10
20	64QAM	50	24	13.97	13.96	13.95	14.10
20	64QAM	50	50	14.00	13.99	13.97	14.10
20	64QAM	100	0	13.98	13.99	13.96	14.10
20	256QAM	1	0	13.98	13.99	13.97	14.10
20	256QAM	1	49	13.97	13.98	13.90	14.10
20	256QAM	1	99	14.03	14.01	13.93	14.10
20	256QAM	50	0	14.04	13.97	13.99	14.10
20	256QAM	50	24	13.98	14.01	13.96	14.10
20	256QAM	50	50	13.93	13.97	13.91	14.10
20	256QAM	100	0	13.98	13.95	13.90	14.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	14.04	13.94	13.94	14.10
15	QPSK	1	37	13.92	13.87	13.88	14.10
15	QPSK	1	74	14.00	14.04	13.87	14.10
15	QPSK	36	0	14.02	13.93	13.98	14.10
15	QPSK	36	20	13.90	13.95	13.96	14.10
15	QPSK	36	39	14.01	14.00	13.89	14.10
15	QPSK	75	0	13.98	13.92	13.97	14.10



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Report No. :FA5N0809-01C

15	16QAM	1	0	13.98	13.90	13.80	14.10
15	16QAM	1	37	13.85	13.86	13.81	14.10
15	16QAM	1	74	13.85	13.93	13.80	14.10
15	16QAM	36	0	13.94	13.97	13.91	14.10
15	16QAM	36	20	13.98	13.87	13.82	14.10
15	16QAM	36	39	13.83	13.86	13.93	14.10
15	16QAM	75	0	13.84	13.84	13.84	14.10
15	64QAM	1	0	13.90	13.96	13.99	14.10
15	64QAM	1	37	13.87	13.92	13.85	14.10
15	64QAM	1	74	13.91	13.96	13.82	14.10
15	64QAM	36	0	13.90	13.88	13.98	14.10
15	64QAM	36	20	13.88	13.95	13.88	14.10
15	64QAM	36	39	13.90	13.91	13.93	14.10
15	64QAM	75	0	13.90	13.97	13.93	14.10
15	256QAM	1	0	13.94	13.87	13.85	14.10
15	256QAM	1	37	13.84	13.83	13.80	14.10
15	256QAM	1	74	13.97	13.94	13.86	14.10
15	256QAM	36	0	14.00	13.83	13.93	14.10
15	256QAM	36	20	13.88	13.99	13.84	14.10
15	256QAM	36	39	13.78	13.95	13.76	14.10
15	256QAM	75	0	13.94	13.91	13.84	14.10
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	13.96	14.06	13.93	14.10
10	QPSK	1	25	13.98	13.85	13.98	14.10
10	QPSK	1	49	13.91	13.97	13.91	14.10
10	QPSK	25	0	13.96	13.98	14.03	14.10
10	QPSK	25	12	13.92	13.94	13.89	14.10
10	QPSK	25	25	13.97	13.93	13.88	14.10
10	QPSK	50	0	13.91	13.91	13.94	14.10
10	16QAM	1	0	13.92	13.93	13.91	14.10
10	16QAM	1	25	13.91	13.88	13.86	14.10
10	16QAM	1	49	13.91	13.98	13.81	14.10
10	16QAM	25	0	14.01	13.98	13.83	14.10
10	16QAM	25	12	13.86	13.87	13.84	14.10
10	16QAM	25	25	13.87	13.88	13.89	14.10
10	16QAM	50	0	13.93	13.84	13.78	14.10
10	64QAM	1	0	13.94	13.93	13.95	14.10
10	64QAM	1	25	13.85	13.96	13.79	14.10
10	64QAM	1	49	13.84	13.97	13.91	14.10
10	64QAM	25	0	13.88	13.88	13.90	14.10
10	64QAM	25	12	13.87	13.93	13.93	14.10
10	64QAM	25	25	13.96	13.88	13.83	14.10
10	64QAM	50	0	13.85	13.94	13.86	14.10
10	256QAM	1	0	13.89	13.89	13.84	14.10
10	256QAM	1	25	13.95	13.94	13.89	14.10
10	256QAM	1	49	13.98	13.98	13.85	14.10
10	256QAM	25	0	13.90	13.90	13.88	14.10
10	256QAM	25	12	13.91	13.98	13.92	14.10
10	256QAM	25	25	13.88	13.95	13.77	14.10
10	256QAM	50	0	13.86	13.86	13.77	14.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	13.99	13.96	13.94	14.10
5	QPSK	1	12	14.00	13.84	13.92	14.10
5	QPSK	1	24	13.98	14.05	13.97	14.10
5	QPSK	12	0	13.96	13.92	13.90	14.10
5	QPSK	12	7	13.93	13.86	13.97	14.10
5	QPSK	12	13	13.90	13.99	13.98	14.10
5	QPSK	25	0	13.90	13.97	13.90	14.10
5	16QAM	1	0	13.91	13.97	13.84	14.10
5	16QAM	1	12	13.84	13.89	13.80	14.10
5	16QAM	1	24	13.93	13.88	13.78	14.10
5	16QAM	12	0	13.92	13.90	13.81	14.10
5	16QAM	12	7	13.84	13.90	13.83	14.10
5	16QAM	12	13	13.82	13.90	13.93	14.10
5	16QAM	25	0	13.92	13.87	13.76	14.10
5	64QAM	1	0	13.85	13.87	13.99	14.10
5	64QAM	1	12	13.93	13.84	13.89	14.10
5	64QAM	1	24	13.93	13.91	13.87	14.10
5	64QAM	12	0	13.91	13.91	13.92	14.10
5	64QAM	12	7	13.88	13.94	13.86	14.10
5	64QAM	12	13	13.88	13.97	13.91	14.10
5	64QAM	25	0	13.84	13.92	13.88	14.10
5	256QAM	1	0	13.95	13.88	13.84	14.10
5	256QAM	1	12	13.93	13.84	13.85	14.10
5	256QAM	1	24	13.88	13.88	13.80	14.10
5	256QAM	12	0	13.92	13.93	13.92	14.10

5	256QAM	12	7	13.94	13.96	13.84	14.10
5	256QAM	12	13	13.81	13.92	13.85	14.10
5	256QAM	25	0	13.88	13.83	13.79	14.10
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	13.94	14.02	13.94	14.10
3	QPSK	1	8	13.97	13.92	13.92	14.10
3	QPSK	1	14	13.94	14.00	13.92	14.10
3	QPSK	8	0	13.99	13.92	13.99	14.10
3	QPSK	8	4	13.98	13.89	13.93	14.10
3	QPSK	8	7	13.91	13.94	13.88	14.10
3	QPSK	15	0	13.90	13.92	13.93	14.10
3	16QAM	1	0	14.00	13.95	13.82	14.10
3	16QAM	1	8	13.93	13.90	13.87	14.10
3	16QAM	1	14	13.97	13.98	13.83	14.10
3	16QAM	8	0	14.00	13.89	13.93	14.10
3	16QAM	8	4	13.84	13.89	13.84	14.10
3	16QAM	8	7	13.85	13.80	13.84	14.10
3	16QAM	15	0	13.80	13.91	13.82	14.10
3	64QAM	1	0	13.86	13.91	13.99	14.10
3	64QAM	1	8	13.83	13.85	13.79	14.10
3	64QAM	1	14	13.93	13.89	13.83	14.10
3	64QAM	8	0	13.89	13.94	13.96	14.10
3	64QAM	8	4	13.96	13.94	13.92	14.10
3	64QAM	8	7	13.88	13.93	13.90	14.10
3	64QAM	15	0	13.88	13.88	13.95	14.10
3	256QAM	1	0	13.83	13.88	13.94	14.10
3	256QAM	1	8	13.92	13.96	13.82	14.10
3	256QAM	1	14	13.90	13.93	13.82	14.10
3	256QAM	8	0	13.90	13.84	13.92	14.10
3	256QAM	8	4	13.84	13.94	13.93	14.10
3	256QAM	8	7	13.81	13.88	13.77	14.10
3	256QAM	15	0	13.90	13.89	13.81	14.10
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	13.90	13.98	13.95	14.10
1.4	QPSK	1	3	13.86	13.91	13.91	14.10
1.4	QPSK	1	5	13.96	13.94	13.96	14.10
1.4	QPSK	3	0	14.00	13.95	14.01	14.10
1.4	QPSK	3	1	14.00	13.90	13.96	14.10
1.4	QPSK	3	3	13.95	13.97	13.91	14.10
1.4	QPSK	6	0	13.97	13.91	13.97	14.10
1.4	16QAM	1	0	13.92	13.95	13.93	14.10
1.4	16QAM	1	3	13.89	13.91	13.84	14.10
1.4	16QAM	1	5	13.88	13.89	13.82	14.10
1.4	16QAM	3	0	13.92	13.92	13.84	14.10
1.4	16QAM	3	1	13.97	13.92	13.76	14.10
1.4	16QAM	3	3	13.90	13.89	13.96	14.10
1.4	16QAM	6	0	13.91	13.91	13.86	14.10
1.4	64QAM	1	0	13.91	13.92	13.93	14.10
1.4	64QAM	1	3	13.84	13.84	13.84	14.10
1.4	64QAM	1	5	13.85	13.97	13.83	14.10
1.4	64QAM	3	0	13.96	13.97	14.02	14.10
1.4	64QAM	3	1	13.95	13.87	13.88	14.10
1.4	64QAM	3	3	13.87	13.92	13.82	14.10
1.4	64QAM	6	0	13.91	13.89	13.85	14.10
1.4	256QAM	1	0	13.90	13.89	13.88	14.10
1.4	256QAM	1	3	13.92	13.86	13.82	14.10
1.4	256QAM	1	5	13.89	13.91	13.88	14.10
1.4	256QAM	3	0	13.92	13.87	13.86	14.10
1.4	256QAM	3	1	13.92	13.95	13.89	14.10
1.4	256QAM	3	3	13.90	13.89	13.78	14.10
1.4	256QAM	6	0	13.92	13.86	13.83	14.10

【LTE Band 25_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.94	18.06	18.00	19.50
20	QPSK	1	49	18.02	18.08	18.00	19.50
20	QPSK	1	99	18.11	18.14	18.08	19.50
20	QPSK	50	0	17.99	18.06	18.01	19.50
20	QPSK	50	24	18.05	18.02	18.01	19.50
20	QPSK	50	50	18.11	18.12	18.09	19.50
20	QPSK	100	0	18.04	18.06	18.01	19.50
20	16QAM	1	0	18.33	18.35	18.24	19.50
20	16QAM	1	49	18.32	18.35	18.24	19.50
20	16QAM	1	99	18.35	18.32	18.39	19.50
20	16QAM	50	0	18.04	18.10	18.08	19.50
20	16QAM	50	24	18.07	18.07	18.04	19.50
20	16QAM	50	50	18.14	18.08	18.11	19.50
20	16QAM	100	0	18.07	18.09	18.06	19.50
20	64QAM	1	0	18.16	18.25	18.24	19.50
20	64QAM	1	49	18.27	18.31	18.26	19.50
20	64QAM	1	99	18.37	18.35	18.31	19.50
20	64QAM	50	0	18.07	18.14	18.07	19.50
20	64QAM	50	24	18.14	18.10	18.10	19.50
20	64QAM	50	50	18.19	18.13	18.15	19.50
20	64QAM	100	0	18.14	18.16	18.14	19.50
20	256QAM	1	0	18.14	18.26	18.14	19.50
20	256QAM	1	49	18.21	18.16	18.11	19.50
20	256QAM	1	99	18.27	18.28	18.21	19.50
20	256QAM	50	0	18.08	18.15	18.09	19.50
20	256QAM	50	24	18.14	18.11	18.10	19.50
20	256QAM	50	50	18.17	18.12	18.15	19.50
20	256QAM	100	0	18.16	18.16	18.15	19.50
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.86	18.01	17.99	19.50
15	QPSK	1	37	17.90	17.96	17.90	19.50
15	QPSK	1	74	17.92	18.04	17.97	19.50
15	QPSK	36	0	17.88	17.96	17.87	19.50
15	QPSK	36	20	17.94	17.92	17.95	19.50
15	QPSK	36	39	17.94	18.04	17.97	19.50
15	QPSK	75	0	17.93	18.03	17.93	19.50
15	16QAM	1	0	17.94	18.06	18.00	19.50
15	16QAM	1	37	17.93	18.06	17.99	19.50
15	16QAM	1	74	17.93	18.04	17.99	19.50
15	16QAM	36	0	17.92	17.98	17.99	19.50
15	16QAM	36	20	17.93	18.01	18.00	19.50
15	16QAM	36	39	17.92	17.98	17.98	19.50
15	16QAM	75	0	17.93	18.06	17.98	19.50
15	64QAM	1	0	17.93	18.06	18.00	19.50
15	64QAM	1	37	17.94	18.06	18.00	19.50
15	64QAM	1	74	17.94	18.06	17.99	19.50
15	64QAM	36	0	17.94	18.06	17.93	19.50
15	64QAM	36	20	17.94	17.99	17.97	19.50
15	64QAM	36	39	17.93	17.99	17.99	19.50
15	64QAM	75	0	17.93	18.04	17.99	19.50
15	256QAM	1	0	17.93	18.05	17.99	19.50
15	256QAM	1	37	17.94	18.02	17.98	19.50
15	256QAM	1	74	17.92	18.06	17.98	19.50
15	256QAM	36	0	17.93	18.05	17.98	19.50
15	256QAM	36	20	17.94	18.05	17.98	19.50
15	256QAM	36	39	17.93	17.98	18.00	19.50
15	256QAM	75	0	17.92	18.01	18.00	19.50
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.87	18.04	17.87	19.50
10	QPSK	1	25	17.93	18.04	17.90	19.50
10	QPSK	1	49	17.94	18.06	17.98	19.50



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10	QPSK	25	0	17.89	17.94	17.87	19.50
10	QPSK	25	12	17.93	17.88	17.96	19.50
10	QPSK	25	25	17.94	18.05	17.98	19.50
10	QPSK	50	0	17.91	17.95	17.88	19.50
10	16QAM	1	0	17.94	18.06	18.00	19.50
10	16QAM	1	25	17.94	18.06	18.00	19.50
10	16QAM	1	49	17.94	18.06	18.00	19.50
10	16QAM	25	0	17.94	18.04	17.94	19.50
10	16QAM	25	12	17.92	17.98	17.98	19.50
10	16QAM	25	25	17.94	18.05	18.00	19.50
10	16QAM	50	0	17.94	18.06	17.95	19.50
10	64QAM	1	0	17.94	18.05	17.99	19.50
10	64QAM	1	25	17.94	18.05	17.99	19.50
10	64QAM	1	49	17.92	18.06	18.00	19.50
10	64QAM	25	0	17.94	18.04	17.96	19.50
10	64QAM	25	12	17.94	18.05	18.00	19.50
10	64QAM	25	25	17.93	18.00	18.00	19.50
10	64QAM	50	0	17.94	18.03	18.00	19.50
10	256QAM	1	0	17.94	18.05	18.00	19.50
10	256QAM	1	25	17.93	18.06	17.99	19.50
10	256QAM	1	49	17.92	18.06	17.99	19.50
10	256QAM	25	0	17.94	18.06	18.00	19.50
10	256QAM	25	12	17.94	18.04	17.98	19.50
10	256QAM	25	25	17.94	18.00	17.98	19.50
10	256QAM	50	0	17.92	18.05	18.00	19.50
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.92	17.91	17.92	19.50
5	QPSK	1	12	17.93	17.94	17.90	19.50
5	QPSK	1	24	17.94	18.06	18.00	19.50
5	QPSK	12	0	17.90	18.03	17.95	19.50
5	QPSK	12	7	17.94	17.96	18.00	19.50
5	QPSK	12	13	17.94	17.97	17.99	19.50
5	QPSK	25	0	17.91	18.03	17.95	19.50
5	16QAM	1	0	17.94	18.06	18.00	19.50
5	16QAM	1	12	17.94	18.06	17.99	19.50
5	16QAM	1	24	17.94	18.06	18.00	19.50
5	16QAM	12	0	17.91	17.97	17.99	19.50
5	16QAM	12	7	17.94	17.99	17.97	19.50
5	16QAM	12	13	17.94	17.95	18.00	19.50
5	16QAM	25	0	17.93	17.96	17.95	19.50
5	64QAM	1	0	17.93	18.06	17.98	19.50
5	64QAM	1	12	17.94	18.06	17.99	19.50
5	64QAM	1	24	17.94	18.05	17.99	19.50
5	64QAM	12	0	17.94	18.06	18.00	19.50
5	64QAM	12	7	17.93	17.99	17.96	19.50
5	64QAM	12	13	17.93	18.04	18.00	19.50
5	64QAM	25	0	17.93	18.04	18.00	19.50
5	256QAM	1	0	17.94	18.06	18.00	19.50
5	256QAM	1	12	17.94	18.06	18.00	19.50
5	256QAM	1	24	17.94	18.04	17.99	19.50
5	256QAM	12	0	17.94	18.06	18.00	19.50
5	256QAM	12	7	17.94	18.05	17.97	19.50
5	256QAM	12	13	17.94	18.04	17.99	19.50
5	256QAM	25	0	17.93	18.06	17.99	19.50
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.86	18.05	17.95	19.50
3	QPSK	1	8	17.94	17.96	17.93	19.50
3	QPSK	1	14	17.93	18.01	17.98	19.50
3	QPSK	8	0	17.94	18.01	17.90	19.50
3	QPSK	8	4	17.93	17.99	17.97	19.50
3	QPSK	8	7	17.93	18.06	18.00	19.50
3	QPSK	15	0	17.94	17.99	17.96	19.50
3	16QAM	1	0	17.94	18.06	18.00	19.50
3	16QAM	1	8	17.92	18.06	18.00	19.50
3	16QAM	1	14	17.93	18.06	18.00	19.50
3	16QAM	8	0	17.91	18.02	17.99	19.50
3	16QAM	8	4	17.94	17.99	17.97	19.50
3	16QAM	8	7	17.94	17.98	18.00	19.50
3	16QAM	15	0	17.94	17.98	17.95	19.50
3	64QAM	1	0	17.94	18.06	17.99	19.50
3	64QAM	1	8	17.92	18.06	18.00	19.50
3	64QAM	1	14	17.93	18.06	17.99	19.50
3	64QAM	8	0	17.94	18.06	18.00	19.50
3	64QAM	8	4	17.93	18.04	17.99	19.50
3	64QAM	8	7	17.93	18.03	17.99	19.50
3	64QAM	15	0	17.94	18.05	17.99	19.50



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3	256QAM	1	0	17.94	18.06	17.99	19.50
3	256QAM	1	8	17.93	18.04	17.98	19.50
3	256QAM	1	14	17.94	18.05	18.00	19.50
3	256QAM	8	0	17.93	18.06	17.99	19.50
3	256QAM	8	4	17.94	17.96	18.00	19.50
3	256QAM	8	7	17.94	18.05	18.00	19.50
3	256QAM	15	0	17.94	18.05	18.00	19.50
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.80	17.95	17.90	19.50
1.4	QPSK	1	3	17.94	18.06	17.90	19.50
1.4	QPSK	1	5	17.94	18.06	17.99	19.50
1.4	QPSK	3	0	17.94	18.00	17.98	19.50
1.4	QPSK	3	1	17.91	17.91	17.88	19.50
1.4	QPSK	3	3	17.94	18.01	17.99	19.50
1.4	QPSK	6	0	17.94	17.96	17.90	19.50
1.4	16QAM	1	0	17.94	18.05	18.00	19.50
1.4	16QAM	1	3	17.94	18.06	17.99	19.50
1.4	16QAM	1	5	17.94	18.05	17.99	19.50
1.4	16QAM	3	0	17.94	18.06	17.98	19.50
1.4	16QAM	3	1	17.94	18.05	17.94	19.50
1.4	16QAM	3	3	17.94	17.99	18.00	19.50
1.4	16QAM	6	0	17.94	17.95	17.99	19.50
1.4	64QAM	1	0	17.93	18.06	18.00	19.50
1.4	64QAM	1	3	17.94	18.06	18.00	19.50
1.4	64QAM	1	5	17.94	18.06	17.99	19.50
1.4	64QAM	3	0	17.94	18.04	17.97	19.50
1.4	64QAM	3	1	17.92	18.01	17.95	19.50
1.4	64QAM	3	3	17.94	18.04	18.00	19.50
1.4	64QAM	6	0	17.94	18.05	17.99	19.50
1.4	256QAM	1	0	17.94	18.06	18.00	19.50
1.4	256QAM	1	3	17.93	18.04	17.98	19.50
1.4	256QAM	1	5	17.92	18.06	17.98	19.50
1.4	256QAM	3	0	17.94	18.04	18.00	19.50
1.4	256QAM	3	1	17.93	18.05	17.99	19.50
1.4	256QAM	3	3	17.94	18.01	18.00	19.50
1.4	256QAM	6	0	17.93	18.05	18.00	19.50

【LTE Band 25_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.94	18.06	18.00	18.40
20	QPSK	1	49	18.02	18.08	18.00	18.40
20	QPSK	1	99	18.11	18.14	18.08	18.40
20	QPSK	50	0	17.99	18.06	18.01	18.40
20	QPSK	50	24	18.05	18.02	18.01	18.40
20	QPSK	50	50	18.11	18.12	18.09	18.40
20	QPSK	100	0	18.04	18.06	18.01	18.40
20	16QAM	1	0	18.33	18.35	18.24	18.40
20	16QAM	1	49	18.32	18.35	18.24	18.40
20	16QAM	1	99	18.35	18.32	18.39	18.40
20	16QAM	50	0	18.04	18.10	18.08	18.40
20	16QAM	50	24	18.07	18.07	18.04	18.40
20	16QAM	50	50	18.14	18.08	18.11	18.40
20	16QAM	100	0	18.07	18.09	18.06	18.40
20	64QAM	1	0	18.16	18.25	18.24	18.40
20	64QAM	1	49	18.27	18.31	18.26	18.40
20	64QAM	1	99	18.37	18.35	18.31	18.40
20	64QAM	50	0	18.07	18.14	18.07	18.40
20	64QAM	50	24	18.14	18.10	18.10	18.40
20	64QAM	50	50	18.19	18.13	18.15	18.40
20	64QAM	100	0	18.14	18.16	18.14	18.40
20	256QAM	1	0	18.14	18.26	18.14	18.40
20	256QAM	1	49	18.21	18.16	18.11	18.40
20	256QAM	1	99	18.27	18.28	18.21	18.40
20	256QAM	50	0	18.08	18.15	18.09	18.40
20	256QAM	50	24	18.14	18.11	18.10	18.40
20	256QAM	50	50	18.17	18.12	18.15	18.40
20	256QAM	100	0	18.16	18.16	18.15	18.40
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.86	18.01	17.99	18.40
15	QPSK	1	37	17.90	17.96	17.90	18.40
15	QPSK	1	74	17.92	18.04	17.97	18.40
15	QPSK	36	0	17.88	17.96	17.87	18.40
15	QPSK	36	20	17.94	17.92	17.95	18.40
15	QPSK	36	39	17.94	18.04	17.97	18.40
15	QPSK	75	0	17.93	18.03	17.93	18.40
15	16QAM	1	0	17.94	18.06	18.00	18.40
15	16QAM	1	37	17.93	18.06	17.99	18.40
15	16QAM	1	74	17.93	18.04	17.99	18.40
15	16QAM	36	0	17.92	17.98	17.99	18.40
15	16QAM	36	20	17.93	18.01	18.00	18.40
15	16QAM	36	39	17.92	17.98	17.98	18.40
15	16QAM	75	0	17.93	18.06	17.98	18.40
15	64QAM	1	0	17.93	18.06	18.00	18.40
15	64QAM	1	37	17.94	18.06	18.00	18.40
15	64QAM	1	74	17.94	18.06	17.99	18.40
15	64QAM	36	0	17.94	18.06	17.93	18.40
15	64QAM	36	20	17.94	17.99	17.97	18.40
15	64QAM	36	39	17.93	17.99	17.99	18.40
15	64QAM	75	0	17.93	18.04	17.99	18.40
15	256QAM	1	0	17.93	18.05	17.99	18.40
15	256QAM	1	37	17.94	18.02	17.98	18.40
15	256QAM	1	74	17.92	18.06	17.98	18.40
15	256QAM	36	0	17.93	18.05	17.98	18.40
15	256QAM	36	20	17.94	18.05	17.98	18.40
15	256QAM	36	39	17.93	17.98	18.00	18.40
15	256QAM	75	0	17.92	18.01	18.00	18.40
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.87	18.04	17.87	18.40
10	QPSK	1	25	17.93	18.04	17.90	18.40
10	QPSK	1	49	17.94	18.06	17.98	18.40
10	QPSK	25	0	17.89	17.94	17.87	18.40
10	QPSK	25	12	17.93	17.88	17.96	18.40
10	QPSK	25	25	17.94	18.05	17.98	18.40
10	QPSK	50	0	17.91	17.95	17.88	18.40
10	16QAM	1	0	17.94	18.06	18.00	18.40
10	16QAM	1	25	17.94	18.06	18.00	18.40
10	16QAM	1	49	17.94	18.06	18.00	18.40



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10	16QAM	25	0	17.94	18.04	17.94	18.40
10	16QAM	25	12	17.92	17.98	17.98	18.40
10	16QAM	25	25	17.94	18.05	18.00	18.40
10	16QAM	50	0	17.94	18.06	17.95	18.40
10	64QAM	1	0	17.94	18.05	17.99	18.40
10	64QAM	1	25	17.94	18.05	17.99	18.40
10	64QAM	1	49	17.92	18.06	18.00	18.40
10	64QAM	25	0	17.94	18.04	17.96	18.40
10	64QAM	25	12	17.94	18.05	18.00	18.40
10	64QAM	25	25	17.93	18.00	18.00	18.40
10	64QAM	50	0	17.94	18.03	18.00	18.40
10	256QAM	1	0	17.94	18.05	18.00	18.40
10	256QAM	1	25	17.93	18.06	17.99	18.40
10	256QAM	1	49	17.92	18.06	17.99	18.40
10	256QAM	25	0	17.94	18.06	18.00	18.40
10	256QAM	25	12	17.94	18.04	17.98	18.40
10	256QAM	25	25	17.94	18.00	17.98	18.40
10	256QAM	50	0	17.92	18.05	18.00	18.40
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.92	17.91	17.92	18.40
5	QPSK	1	12	17.93	17.94	17.90	18.40
5	QPSK	1	24	17.94	18.06	18.00	18.40
5	QPSK	12	0	17.90	18.03	17.95	18.40
5	QPSK	12	7	17.94	17.96	18.00	18.40
5	QPSK	12	13	17.94	17.97	17.99	18.40
5	QPSK	25	0	17.91	18.03	17.95	18.40
5	16QAM	1	0	17.94	18.06	18.00	18.40
5	16QAM	1	12	17.94	18.06	17.99	18.40
5	16QAM	1	24	17.94	18.06	18.00	18.40
5	16QAM	12	0	17.91	17.97	17.99	18.40
5	16QAM	12	7	17.94	17.99	17.97	18.40
5	16QAM	12	13	17.94	17.95	18.00	18.40
5	16QAM	25	0	17.93	17.96	17.95	18.40
5	64QAM	1	0	17.93	18.06	17.98	18.40
5	64QAM	1	12	17.94	18.06	17.99	18.40
5	64QAM	1	24	17.94	18.05	17.99	18.40
5	64QAM	12	0	17.94	18.06	18.00	18.40
5	64QAM	12	7	17.93	17.99	17.96	18.40
5	64QAM	12	13	17.93	18.04	18.00	18.40
5	64QAM	25	0	17.93	18.04	18.00	18.40
5	256QAM	1	0	17.94	18.06	18.00	18.40
5	256QAM	1	12	17.94	18.06	18.00	18.40
5	256QAM	1	24	17.94	18.04	17.99	18.40
5	256QAM	12	0	17.94	18.06	18.00	18.40
5	256QAM	12	7	17.94	18.05	17.97	18.40
5	256QAM	12	13	17.94	18.04	17.99	18.40
5	256QAM	25	0	17.93	18.06	17.99	18.40
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.86	18.05	17.95	18.40
3	QPSK	1	8	17.94	17.96	17.93	18.40
3	QPSK	1	14	17.93	18.01	17.98	18.40
3	QPSK	8	0	17.94	18.01	17.90	18.40
3	QPSK	8	4	17.93	17.99	17.97	18.40
3	QPSK	8	7	17.93	18.06	18.00	18.40
3	QPSK	15	0	17.94	17.99	17.96	18.40
3	16QAM	1	0	17.94	18.06	18.00	18.40
3	16QAM	1	8	17.92	18.06	18.00	18.40
3	16QAM	1	14	17.93	18.06	18.00	18.40
3	16QAM	8	0	17.91	18.02	17.99	18.40
3	16QAM	8	4	17.94	17.99	17.97	18.40
3	16QAM	8	7	17.94	17.98	18.00	18.40
3	16QAM	15	0	17.94	17.98	17.95	18.40
3	64QAM	1	0	17.94	18.06	17.99	18.40
3	64QAM	1	8	17.92	18.06	18.00	18.40
3	64QAM	1	14	17.93	18.06	17.99	18.40
3	64QAM	8	0	17.94	18.06	18.00	18.40
3	64QAM	8	4	17.93	18.04	17.99	18.40
3	64QAM	8	7	17.93	18.03	17.99	18.40
3	64QAM	15	0	17.94	18.05	17.99	18.40
3	256QAM	1	0	17.94	18.06	17.99	18.40
3	256QAM	1	8	17.93	18.04	17.98	18.40
3	256QAM	1	14	17.94	18.05	18.00	18.40
3	256QAM	8	0	17.93	18.06	17.99	18.40
3	256QAM	8	4	17.94	17.96	18.00	18.40
3	256QAM	8	7	17.94	18.05	18.00	18.40
3	256QAM	15	0	17.94	18.05	18.00	18.40

Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.80	17.95	17.90	18.40
1.4	QPSK	1	3	17.94	18.06	17.90	18.40
1.4	QPSK	1	5	17.94	18.06	17.99	18.40
1.4	QPSK	3	0	17.94	18.00	17.98	18.40
1.4	QPSK	3	1	17.91	17.91	17.88	18.40
1.4	QPSK	3	3	17.94	18.01	17.99	18.40
1.4	QPSK	6	0	17.94	17.96	17.90	18.40
1.4	16QAM	1	0	17.94	18.05	18.00	18.40
1.4	16QAM	1	3	17.94	18.06	17.99	18.40
1.4	16QAM	1	5	17.94	18.05	17.99	18.40
1.4	16QAM	3	0	17.94	18.06	17.98	18.40
1.4	16QAM	3	1	17.94	18.05	17.94	18.40
1.4	16QAM	3	3	17.94	17.99	18.00	18.40
1.4	16QAM	6	0	17.94	17.95	17.99	18.40
1.4	64QAM	1	0	17.93	18.06	18.00	18.40
1.4	64QAM	1	3	17.94	18.06	18.00	18.40
1.4	64QAM	1	5	17.94	18.06	17.99	18.40
1.4	64QAM	3	0	17.94	18.04	17.97	18.40
1.4	64QAM	3	1	17.92	18.01	17.95	18.40
1.4	64QAM	3	3	17.94	18.04	18.00	18.40
1.4	64QAM	6	0	17.94	18.05	17.99	18.40
1.4	256QAM	1	0	17.94	18.06	18.00	18.40
1.4	256QAM	1	3	17.93	18.04	17.98	18.40
1.4	256QAM	1	5	17.92	18.06	17.98	18.40
1.4	256QAM	3	0	17.94	18.04	18.00	18.40
1.4	256QAM	3	1	17.93	18.05	17.99	18.40
1.4	256QAM	3	3	17.94	18.01	18.00	18.40
1.4	256QAM	6	0	17.93	18.05	18.00	18.40

【LTE Band 25_Ant 1_ECI 4】

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	19.14	19.22	19.12	20.30
20	QPSK	1	49	19.18	19.20	19.06	20.30
20	QPSK	1	99	19.26	19.30	19.19	20.30
20	QPSK	50	0	19.19	19.24	19.17	20.30
20	QPSK	50	24	19.21	19.17	19.14	20.30
20	QPSK	50	50	19.29	19.30	19.20	20.30
20	QPSK	100	0	19.23	19.24	19.17	20.30
20	16QAM	1	0	19.41	19.58	19.43	20.30
20	16QAM	1	49	19.51	19.60	19.48	20.30
20	16QAM	1	99	19.56	19.56	19.47	20.30
20	16QAM	50	0	19.23	19.28	19.21	20.30
20	16QAM	50	24	19.26	19.23	19.19	20.30
20	16QAM	50	50	19.32	19.25	19.27	20.30
20	16QAM	100	0	19.28	19.26	19.18	20.30
20	64QAM	1	0	19.36	19.45	19.39	20.30
20	64QAM	1	49	19.41	19.35	19.37	20.30
20	64QAM	1	99	19.45	19.49	19.43	20.30
20	64QAM	50	0	19.25	19.33	19.24	20.30
20	64QAM	50	24	19.30	19.28	19.25	20.30
20	64QAM	50	50	19.35	19.29	19.28	20.30
20	64QAM	100	0	19.35	19.33	19.29	20.30
20	256QAM	1	0	19.34	19.32	19.32	20.00
20	256QAM	1	49	19.35	19.39	19.35	20.00
20	256QAM	1	99	19.43	19.43	19.36	20.00
20	256QAM	50	0	19.25	19.29	19.27	20.00
20	256QAM	50	24	19.33	19.28	19.26	20.00
20	256QAM	50	50	19.35	19.29	19.26	20.00
20	256QAM	100	0	19.36	19.34	19.27	20.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.01	19.10	19.11	20.30
15	QPSK	1	37	19.10	19.15	19.00	20.30
15	QPSK	1	74	19.11	19.21	19.12	20.30
15	QPSK	36	0	19.09	19.16	19.11	20.30
15	QPSK	36	20	19.10	19.10	19.09	20.30
15	QPSK	36	39	19.14	19.15	19.12	20.30
15	QPSK	75	0	19.13	19.19	19.04	20.30



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15	16QAM	1	0	19.14	19.21	19.11	20.30
15	16QAM	1	37	19.13	19.22	19.12	20.30
15	16QAM	1	74	19.14	19.21	19.12	20.30
15	16QAM	36	0	19.09	19.16	19.12	20.30
15	16QAM	36	20	19.14	19.20	19.11	20.30
15	16QAM	36	39	19.14	19.13	19.10	20.30
15	16QAM	75	0	19.13	19.12	19.12	20.30
15	64QAM	1	0	19.13	19.20	19.11	20.30
15	64QAM	1	37	19.13	19.21	19.11	20.30
15	64QAM	1	74	19.14	19.22	19.11	20.30
15	64QAM	36	0	19.13	19.20	19.12	20.30
15	64QAM	36	20	19.13	19.15	19.11	20.30
15	64QAM	36	39	19.14	19.21	19.12	20.30
15	64QAM	75	0	19.13	19.22	19.12	20.30
15	256QAM	1	0	19.14	19.22	19.12	20.00
15	256QAM	1	37	19.14	19.21	19.10	20.00
15	256QAM	1	74	19.12	19.22	19.11	20.00
15	256QAM	36	0	19.14	19.20	19.12	20.00
15	256QAM	36	20	19.14	19.22	19.12	20.00
15	256QAM	36	39	19.14	19.22	19.11	20.00
15	256QAM	75	0	19.14	19.22	19.10	20.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.05	19.20	19.05	20.30
10	QPSK	1	25	19.10	19.08	19.03	20.30
10	QPSK	1	49	19.12	19.22	19.12	20.30
10	QPSK	25	0	19.08	19.19	19.12	20.30
10	QPSK	25	12	19.06	19.04	19.09	20.30
10	QPSK	25	25	19.13	19.22	19.11	20.30
10	QPSK	50	0	19.14	19.21	19.09	20.30
10	16QAM	1	0	19.14	19.22	19.12	20.30
10	16QAM	1	25	19.13	19.22	19.12	20.30
10	16QAM	1	49	19.14	19.22	19.11	20.30
10	16QAM	25	0	19.13	19.20	19.12	20.30
10	16QAM	25	12	19.14	19.19	19.05	20.30
10	16QAM	25	25	19.14	19.22	19.10	20.30
10	16QAM	50	0	19.14	19.16	19.03	20.30
10	64QAM	1	0	19.13	19.21	19.12	20.30
10	64QAM	1	25	19.14	19.22	19.11	20.30
10	64QAM	1	49	19.14	19.20	19.12	20.30
10	64QAM	25	0	19.11	19.20	19.09	20.30
10	64QAM	25	12	19.14	19.20	19.11	20.30
10	64QAM	25	25	19.14	19.16	19.12	20.30
10	64QAM	50	0	19.13	19.21	19.11	20.30
10	256QAM	1	0	19.14	19.21	19.12	20.00
10	256QAM	1	25	19.14	19.21	19.12	20.00
10	256QAM	1	49	19.12	19.22	19.12	20.00
10	256QAM	25	0	19.14	19.21	19.12	20.00
10	256QAM	25	12	19.13	19.14	19.12	20.00
10	256QAM	25	25	19.14	19.15	19.11	20.00
10	256QAM	50	0	19.14	19.21	19.12	20.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.05	19.21	19.01	20.30
5	QPSK	1	12	19.14	19.19	19.01	20.30
5	QPSK	1	24	19.14	19.18	19.11	20.30
5	QPSK	12	0	19.13	19.19	19.12	20.30
5	QPSK	12	7	19.12	19.08	19.00	20.30
5	QPSK	12	13	19.14	19.21	19.10	20.30
5	QPSK	25	0	19.13	19.21	19.07	20.30
5	16QAM	1	0	19.13	19.22	19.12	20.30
5	16QAM	1	12	19.14	19.22	19.11	20.30
5	16QAM	1	24	19.14	19.22	19.11	20.30
5	16QAM	12	0	19.14	19.18	19.06	20.30
5	16QAM	12	7	19.14	19.10	19.10	20.30
5	16QAM	12	13	19.14	19.17	19.12	20.30
5	16QAM	25	0	19.13	19.16	19.09	20.30
5	64QAM	1	0	19.14	19.20	19.12	20.30
5	64QAM	1	12	19.13	19.21	19.12	20.30
5	64QAM	1	24	19.14	19.22	19.11	20.30
5	64QAM	12	0	19.13	19.21	19.10	20.30
5	64QAM	12	7	19.14	19.16	19.11	20.30
5	64QAM	12	13	19.14	19.22	19.11	20.30
5	64QAM	25	0	19.12	19.22	19.11	20.30
5	256QAM	1	0	19.14	19.21	19.10	20.00
5	256QAM	1	12	19.14	19.22	19.12	20.00
5	256QAM	1	24	19.14	19.21	19.12	20.00
5	256QAM	12	0	19.14	19.22	19.12	20.00



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5	256QAM	12	7	19.13	19.19	19.10	20.00
5	256QAM	12	13	19.13	19.16	19.10	20.00
5	256QAM	25	0	19.14	19.22	19.11	20.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	19.05	19.11	19.07	20.30
3	QPSK	1	8	19.12	19.18	19.00	20.30
3	QPSK	1	14	19.14	19.19	19.05	20.30
3	QPSK	8	0	19.10	19.18	19.06	20.30
3	QPSK	8	4	19.12	19.09	19.03	20.30
3	QPSK	8	7	19.14	19.21	19.11	20.30
3	QPSK	15	0	19.13	19.10	19.07	20.30
3	16QAM	1	0	19.13	19.20	19.11	20.30
3	16QAM	1	8	19.14	19.22	19.11	20.30
3	16QAM	1	14	19.14	19.22	19.11	20.30
3	16QAM	8	0	19.14	19.14	19.12	20.30
3	16QAM	8	4	19.12	19.20	19.04	20.30
3	16QAM	8	7	19.14	19.19	19.12	20.30
3	16QAM	15	0	19.13	19.13	19.07	20.30
3	64QAM	1	0	19.12	19.21	19.12	20.30
3	64QAM	1	8	19.14	19.20	19.12	20.30
3	64QAM	1	14	19.13	19.20	19.12	20.30
3	64QAM	8	0	19.11	19.21	19.12	20.30
3	64QAM	8	4	19.12	19.18	19.12	20.30
3	64QAM	8	7	19.14	19.21	19.12	20.30
3	64QAM	15	0	19.13	19.22	19.12	20.30
3	256QAM	1	0	19.13	19.20	19.12	20.00
3	256QAM	1	8	19.13	19.22	19.11	20.00
3	256QAM	1	14	19.13	19.22	19.12	20.00
3	256QAM	8	0	19.10	19.15	19.11	20.00
3	256QAM	8	4	19.12	19.21	19.11	20.00
3	256QAM	8	7	19.12	19.16	19.11	20.00
3	256QAM	15	0	19.13	19.22	19.12	20.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.00	19.18	19.08	20.30
1.4	QPSK	1	3	19.08	19.14	19.03	20.30
1.4	QPSK	1	5	19.12	19.17	19.12	20.30
1.4	QPSK	3	0	19.12	19.17	19.10	20.30
1.4	QPSK	3	1	19.14	19.12	19.06	20.30
1.4	QPSK	3	3	19.14	19.22	19.06	20.30
1.4	QPSK	6	0	19.11	19.14	19.08	20.30
1.4	16QAM	1	0	19.13	19.22	19.12	20.30
1.4	16QAM	1	3	19.14	19.21	19.11	20.30
1.4	16QAM	1	5	19.14	19.20	19.12	20.30
1.4	16QAM	3	0	19.14	19.15	19.12	20.30
1.4	16QAM	3	1	19.14	19.13	19.11	20.30
1.4	16QAM	3	3	19.14	19.15	19.12	20.30
1.4	16QAM	6	0	19.14	19.14	19.12	20.30
1.4	64QAM	1	0	19.13	19.22	19.12	20.30
1.4	64QAM	1	3	19.14	19.22	19.11	20.30
1.4	64QAM	1	5	19.14	19.22	19.12	20.30
1.4	64QAM	3	0	19.13	19.22	19.12	20.30
1.4	64QAM	3	1	19.13	19.22	19.11	20.30
1.4	64QAM	3	3	19.14	19.15	19.11	20.30
1.4	64QAM	6	0	19.13	19.20	19.11	20.30
1.4	256QAM	1	0	19.14	19.21	19.12	20.00
1.4	256QAM	1	3	19.14	19.22	19.12	20.00
1.4	256QAM	1	5	19.14	19.22	19.10	20.00
1.4	256QAM	3	0	19.10	19.21	19.12	20.00
1.4	256QAM	3	1	19.14	19.18	19.12	20.00
1.4	256QAM	3	3	19.13	19.19	19.11	20.00
1.4	256QAM	6	0	19.13	19.21	19.12	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.14	19.22	19.12	19.60
20	QPSK	1	49	19.18	19.20	19.06	19.60
20	QPSK	1	99	19.26	19.30	19.19	19.60
20	QPSK	50	0	19.19	19.24	19.17	19.60
20	QPSK	50	24	19.21	19.17	19.14	19.60
20	QPSK	50	50	19.29	19.30	19.20	19.60
20	QPSK	100	0	19.23	19.24	19.17	19.60
20	16QAM	1	0	19.41	19.58	19.43	19.60
20	16QAM	1	49	19.51	19.60	19.48	19.60
20	16QAM	1	99	19.56	19.56	19.47	19.60
20	16QAM	50	0	19.23	19.28	19.21	19.60
20	16QAM	50	24	19.26	19.23	19.19	19.60
20	16QAM	50	50	19.32	19.25	19.27	19.60
20	16QAM	100	0	19.28	19.26	19.18	19.60
20	64QAM	1	0	19.36	19.45	19.39	19.60
20	64QAM	1	49	19.41	19.35	19.37	19.60
20	64QAM	1	99	19.45	19.49	19.43	19.60
20	64QAM	50	0	19.25	19.33	19.24	19.60
20	64QAM	50	24	19.30	19.28	19.25	19.60
20	64QAM	50	50	19.35	19.29	19.28	19.60
20	64QAM	100	0	19.35	19.33	19.29	19.60
20	256QAM	1	0	19.34	19.32	19.32	19.60
20	256QAM	1	49	19.35	19.39	19.35	19.60
20	256QAM	1	99	19.43	19.43	19.36	19.60
20	256QAM	50	0	19.25	19.29	19.27	19.60
20	256QAM	50	24	19.33	19.28	19.26	19.60
20	256QAM	50	50	19.35	19.29	19.26	19.60
20	256QAM	100	0	19.36	19.34	19.27	19.60
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.01	19.10	19.11	19.60
15	QPSK	1	37	19.10	19.15	19.00	19.60
15	QPSK	1	74	19.11	19.21	19.12	19.60
15	QPSK	36	0	19.09	19.16	19.11	19.60
15	QPSK	36	20	19.10	19.10	19.09	19.60
15	QPSK	36	39	19.14	19.15	19.12	19.60
15	QPSK	75	0	19.13	19.19	19.04	19.60
15	16QAM	1	0	19.14	19.21	19.11	19.60
15	16QAM	1	37	19.13	19.22	19.12	19.60
15	16QAM	1	74	19.14	19.21	19.12	19.60
15	16QAM	36	0	19.09	19.16	19.12	19.60
15	16QAM	36	20	19.14	19.20	19.11	19.60
15	16QAM	36	39	19.14	19.13	19.10	19.60
15	16QAM	75	0	19.13	19.12	19.12	19.60
15	64QAM	1	0	19.13	19.20	19.11	19.60
15	64QAM	1	37	19.13	19.21	19.11	19.60
15	64QAM	1	74	19.14	19.22	19.11	19.60
15	64QAM	36	0	19.13	19.20	19.12	19.60
15	64QAM	36	20	19.13	19.15	19.11	19.60
15	64QAM	36	39	19.14	19.21	19.12	19.60
15	64QAM	75	0	19.13	19.22	19.12	19.60
15	256QAM	1	0	19.14	19.22	19.12	19.60
15	256QAM	1	37	19.14	19.21	19.10	19.60
15	256QAM	1	74	19.12	19.22	19.11	19.60
15	256QAM	36	0	19.14	19.20	19.12	19.60
15	256QAM	36	20	19.14	19.22	19.12	19.60
15	256QAM	36	39	19.14	19.22	19.11	19.60
15	256QAM	75	0	19.14	19.22	19.10	19.60
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	19.05	19.20	19.05	19.60
10	QPSK	1	25	19.10	19.08	19.03	19.60
10	QPSK	1	49	19.12	19.22	19.12	19.60
10	QPSK	25	0	19.08	19.19	19.12	19.60
10	QPSK	25	12	19.06	19.04	19.09	19.60
10	QPSK	25	25	19.13	19.22	19.11	19.60
10	QPSK	50	0	19.14	19.21	19.09	19.60
10	16QAM	1	0	19.14	19.22	19.12	19.60
10	16QAM	1	25	19.13	19.22	19.12	19.60



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10	16QAM	1	49	19.14	19.22	19.11	19.60
10	16QAM	25	0	19.13	19.20	19.12	19.60
10	16QAM	25	12	19.14	19.19	19.05	19.60
10	16QAM	25	25	19.14	19.22	19.10	19.60
10	16QAM	50	0	19.14	19.16	19.03	19.60
10	64QAM	1	0	19.13	19.21	19.12	19.60
10	64QAM	1	25	19.14	19.22	19.11	19.60
10	64QAM	1	49	19.14	19.20	19.12	19.60
10	64QAM	25	0	19.11	19.20	19.09	19.60
10	64QAM	25	12	19.14	19.20	19.11	19.60
10	64QAM	25	25	19.14	19.16	19.12	19.60
10	64QAM	50	0	19.13	19.21	19.11	19.60
10	256QAM	1	0	19.14	19.21	19.12	19.60
10	256QAM	1	25	19.14	19.21	19.12	19.60
10	256QAM	1	49	19.12	19.22	19.12	19.60
10	256QAM	25	0	19.14	19.21	19.12	19.60
10	256QAM	25	12	19.13	19.14	19.12	19.60
10	256QAM	25	25	19.14	19.15	19.11	19.60
10	256QAM	50	0	19.14	19.21	19.12	19.60
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.05	19.21	19.01	19.60
5	QPSK	1	12	19.14	19.19	19.01	19.60
5	QPSK	1	24	19.14	19.18	19.11	19.60
5	QPSK	12	0	19.13	19.19	19.12	19.60
5	QPSK	12	7	19.12	19.08	19.00	19.60
5	QPSK	12	13	19.14	19.21	19.10	19.60
5	QPSK	25	0	19.13	19.21	19.07	19.60
5	16QAM	1	0	19.13	19.22	19.12	19.60
5	16QAM	1	12	19.14	19.22	19.11	19.60
5	16QAM	1	24	19.14	19.22	19.11	19.60
5	16QAM	12	0	19.14	19.18	19.06	19.60
5	16QAM	12	7	19.14	19.10	19.10	19.60
5	16QAM	12	13	19.14	19.17	19.12	19.60
5	16QAM	25	0	19.13	19.16	19.09	19.60
5	64QAM	1	0	19.14	19.20	19.12	19.60
5	64QAM	1	12	19.13	19.21	19.12	19.60
5	64QAM	1	24	19.14	19.22	19.11	19.60
5	64QAM	12	0	19.13	19.21	19.10	19.60
5	64QAM	12	7	19.14	19.16	19.11	19.60
5	64QAM	12	13	19.14	19.22	19.11	19.60
5	64QAM	25	0	19.12	19.22	19.11	19.60
5	256QAM	1	0	19.14	19.21	19.10	19.60
5	256QAM	1	12	19.14	19.22	19.12	19.60
5	256QAM	1	24	19.14	19.21	19.12	19.60
5	256QAM	12	0	19.14	19.22	19.12	19.60
5	256QAM	12	7	19.13	19.19	19.10	19.60
5	256QAM	12	13	19.13	19.16	19.10	19.60
5	256QAM	25	0	19.14	19.22	19.11	19.60
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.05	19.11	19.07	19.60
3	QPSK	1	8	19.12	19.18	19.00	19.60
3	QPSK	1	14	19.14	19.19	19.05	19.60
3	QPSK	8	0	19.10	19.18	19.06	19.60
3	QPSK	8	4	19.12	19.09	19.03	19.60
3	QPSK	8	7	19.14	19.21	19.11	19.60
3	QPSK	15	0	19.13	19.10	19.07	19.60
3	16QAM	1	0	19.13	19.20	19.11	19.60
3	16QAM	1	8	19.14	19.22	19.11	19.60
3	16QAM	1	14	19.14	19.22	19.11	19.60
3	16QAM	8	0	19.14	19.14	19.12	19.60
3	16QAM	8	4	19.12	19.20	19.04	19.60
3	16QAM	8	7	19.14	19.19	19.12	19.60
3	16QAM	15	0	19.13	19.13	19.07	19.60
3	64QAM	1	0	19.12	19.21	19.12	19.60
3	64QAM	1	8	19.14	19.20	19.12	19.60
3	64QAM	1	14	19.13	19.20	19.12	19.60
3	64QAM	8	0	19.11	19.21	19.12	19.60
3	64QAM	8	4	19.12	19.18	19.12	19.60
3	64QAM	8	7	19.14	19.21	19.12	19.60
3	64QAM	15	0	19.13	19.22	19.12	19.60
3	256QAM	1	0	19.13	19.20	19.12	19.60
3	256QAM	1	8	19.13	19.22	19.11	19.60
3	256QAM	1	14	19.13	19.22	19.12	19.60
3	256QAM	8	0	19.10	19.15	19.11	19.60
3	256QAM	8	4	19.12	19.21	19.11	19.60
3	256QAM	8	7	19.12	19.16	19.11	19.60

3	256QAM	15	0	19.13	19.22	19.12	19.60
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	19.00	19.18	19.08	19.60
1.4	QPSK	1	3	19.08	19.14	19.03	19.60
1.4	QPSK	1	5	19.12	19.17	19.12	19.60
1.4	QPSK	3	0	19.12	19.17	19.10	19.60
1.4	QPSK	3	1	19.14	19.12	19.06	19.60
1.4	QPSK	3	3	19.14	19.22	19.06	19.60
1.4	QPSK	6	0	19.11	19.14	19.08	19.60
1.4	16QAM	1	0	19.13	19.22	19.12	19.60
1.4	16QAM	1	3	19.14	19.21	19.11	19.60
1.4	16QAM	1	5	19.14	19.20	19.12	19.60
1.4	16QAM	3	0	19.14	19.15	19.12	19.60
1.4	16QAM	3	1	19.14	19.13	19.11	19.60
1.4	16QAM	3	3	19.14	19.15	19.12	19.60
1.4	16QAM	6	0	19.14	19.14	19.12	19.60
1.4	64QAM	1	0	19.13	19.22	19.12	19.60
1.4	64QAM	1	3	19.14	19.22	19.11	19.60
1.4	64QAM	1	5	19.14	19.22	19.12	19.60
1.4	64QAM	3	0	19.13	19.22	19.12	19.60
1.4	64QAM	3	1	19.13	19.22	19.11	19.60
1.4	64QAM	3	3	19.14	19.15	19.11	19.60
1.4	64QAM	6	0	19.13	19.20	19.11	19.60
1.4	256QAM	1	0	19.14	19.21	19.12	19.60
1.4	256QAM	1	3	19.14	19.22	19.12	19.60
1.4	256QAM	1	5	19.14	19.22	19.10	19.60
1.4	256QAM	3	0	19.10	19.21	19.12	19.60
1.4	256QAM	3	1	19.14	19.18	19.12	19.60
1.4	256QAM	3	3	19.13	19.19	19.11	19.60
1.4	256QAM	6	0	19.13	19.21	19.12	19.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.14	19.22	19.12	19.60
20	QPSK	1	49	19.18	19.20	19.06	19.60
20	QPSK	1	99	19.26	19.30	19.19	19.60
20	QPSK	50	0	19.19	19.24	19.17	19.60
20	QPSK	50	24	19.21	19.17	19.14	19.60
20	QPSK	50	50	19.29	19.30	19.20	19.60
20	QPSK	100	0	19.23	19.24	19.17	19.60
20	16QAM	1	0	19.41	19.58	19.43	19.60
20	16QAM	1	49	19.51	19.60	19.48	19.60
20	16QAM	1	99	19.56	19.56	19.47	19.60
20	16QAM	50	0	19.23	19.28	19.21	19.60
20	16QAM	50	24	19.26	19.23	19.19	19.60
20	16QAM	50	50	19.32	19.25	19.27	19.60
20	16QAM	100	0	19.28	19.26	19.18	19.60
20	64QAM	1	0	19.36	19.45	19.39	19.60
20	64QAM	1	49	19.41	19.35	19.37	19.60
20	64QAM	1	99	19.45	19.49	19.43	19.60
20	64QAM	50	0	19.25	19.33	19.24	19.60
20	64QAM	50	24	19.30	19.28	19.25	19.60
20	64QAM	50	50	19.35	19.29	19.28	19.60
20	64QAM	100	0	19.35	19.33	19.29	19.60
20	256QAM	1	0	19.34	19.32	19.32	19.60
20	256QAM	1	49	19.35	19.39	19.35	19.60
20	256QAM	1	99	19.43	19.43	19.36	19.60
20	256QAM	50	0	19.25	19.29	19.27	19.60
20	256QAM	50	24	19.33	19.28	19.26	19.60
20	256QAM	50	50	19.35	19.29	19.26	19.60
20	256QAM	100	0	19.36	19.34	19.27	19.60
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.01	19.10	19.11	19.60
15	QPSK	1	37	19.10	19.15	19.00	19.60
15	QPSK	1	74	19.11	19.21	19.12	19.60
15	QPSK	36	0	19.09	19.16	19.11	19.60
15	QPSK	36	20	19.10	19.10	19.09	19.60
15	QPSK	36	39	19.14	19.15	19.12	19.60



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15	QPSK	75	0	19.13	19.19	19.04	19.60
15	16QAM	1	0	19.14	19.21	19.11	19.60
15	16QAM	1	37	19.13	19.22	19.12	19.60
15	16QAM	1	74	19.14	19.21	19.12	19.60
15	16QAM	36	0	19.09	19.16	19.12	19.60
15	16QAM	36	20	19.14	19.20	19.11	19.60
15	16QAM	36	39	19.14	19.13	19.10	19.60
15	16QAM	75	0	19.13	19.12	19.12	19.60
15	64QAM	1	0	19.13	19.20	19.11	19.60
15	64QAM	1	37	19.13	19.21	19.11	19.60
15	64QAM	1	74	19.14	19.22	19.11	19.60
15	64QAM	36	0	19.13	19.20	19.12	19.60
15	64QAM	36	20	19.13	19.15	19.11	19.60
15	64QAM	36	39	19.14	19.21	19.12	19.60
15	64QAM	75	0	19.13	19.22	19.12	19.60
15	256QAM	1	0	19.14	19.22	19.12	19.60
15	256QAM	1	37	19.14	19.21	19.10	19.60
15	256QAM	1	74	19.12	19.22	19.11	19.60
15	256QAM	36	0	19.14	19.20	19.12	19.60
15	256QAM	36	20	19.14	19.22	19.12	19.60
15	256QAM	36	39	19.14	19.22	19.11	19.60
15	256QAM	75	0	19.14	19.22	19.10	19.60
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.05	19.20	19.05	19.60
10	QPSK	1	25	19.10	19.08	19.03	19.60
10	QPSK	1	49	19.12	19.22	19.12	19.60
10	QPSK	25	0	19.08	19.19	19.12	19.60
10	QPSK	25	12	19.06	19.04	19.09	19.60
10	QPSK	25	25	19.13	19.22	19.11	19.60
10	QPSK	50	0	19.14	19.21	19.09	19.60
10	16QAM	1	0	19.14	19.22	19.12	19.60
10	16QAM	1	25	19.13	19.22	19.12	19.60
10	16QAM	1	49	19.14	19.22	19.11	19.60
10	16QAM	25	0	19.13	19.20	19.12	19.60
10	16QAM	25	12	19.14	19.19	19.05	19.60
10	16QAM	25	25	19.14	19.22	19.10	19.60
10	16QAM	50	0	19.14	19.16	19.03	19.60
10	64QAM	1	0	19.13	19.21	19.12	19.60
10	64QAM	1	25	19.14	19.22	19.11	19.60
10	64QAM	1	49	19.14	19.20	19.12	19.60
10	64QAM	25	0	19.11	19.20	19.09	19.60
10	64QAM	25	12	19.14	19.20	19.11	19.60
10	64QAM	25	25	19.14	19.16	19.12	19.60
10	64QAM	50	0	19.13	19.21	19.11	19.60
10	256QAM	1	0	19.14	19.21	19.12	19.60
10	256QAM	1	25	19.14	19.21	19.12	19.60
10	256QAM	1	49	19.12	19.22	19.12	19.60
10	256QAM	25	0	19.14	19.21	19.12	19.60
10	256QAM	25	12	19.13	19.14	19.12	19.60
10	256QAM	25	25	19.14	19.15	19.11	19.60
10	256QAM	50	0	19.14	19.21	19.12	19.60
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.05	19.21	19.01	19.60
5	QPSK	1	12	19.14	19.19	19.01	19.60
5	QPSK	1	24	19.14	19.18	19.11	19.60
5	QPSK	12	0	19.13	19.19	19.12	19.60
5	QPSK	12	7	19.12	19.08	19.00	19.60
5	QPSK	12	13	19.14	19.21	19.10	19.60
5	QPSK	25	0	19.13	19.21	19.07	19.60
5	16QAM	1	0	19.13	19.22	19.12	19.60
5	16QAM	1	12	19.14	19.22	19.11	19.60
5	16QAM	1	24	19.14	19.22	19.11	19.60
5	16QAM	12	0	19.14	19.18	19.06	19.60
5	16QAM	12	7	19.14	19.10	19.10	19.60
5	16QAM	12	13	19.14	19.17	19.12	19.60
5	16QAM	25	0	19.13	19.16	19.09	19.60
5	64QAM	1	0	19.14	19.20	19.12	19.60
5	64QAM	1	12	19.13	19.21	19.12	19.60
5	64QAM	1	24	19.14	19.22	19.11	19.60
5	64QAM	12	0	19.13	19.21	19.10	19.60
5	64QAM	12	7	19.14	19.16	19.11	19.60
5	64QAM	12	13	19.14	19.22	19.11	19.60
5	64QAM	25	0	19.12	19.22	19.11	19.60
5	256QAM	1	0	19.14	19.21	19.10	19.60
5	256QAM	1	12	19.14	19.22	19.12	19.60
5	256QAM	1	24	19.14	19.21	19.12	19.60



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5	256QAM	12	0	19.14	19.22	19.12	19.60
5	256QAM	12	7	19.13	19.19	19.10	19.60
5	256QAM	12	13	19.13	19.16	19.10	19.60
5	256QAM	25	0	19.14	19.22	19.11	19.60
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.05	19.11	19.07	19.60
3	QPSK	1	8	19.12	19.18	19.00	19.60
3	QPSK	1	14	19.14	19.19	19.05	19.60
3	QPSK	8	0	19.10	19.18	19.06	19.60
3	QPSK	8	4	19.12	19.09	19.03	19.60
3	QPSK	8	7	19.14	19.21	19.11	19.60
3	QPSK	15	0	19.13	19.10	19.07	19.60
3	16QAM	1	0	19.13	19.20	19.11	19.60
3	16QAM	1	8	19.14	19.22	19.11	19.60
3	16QAM	1	14	19.14	19.22	19.11	19.60
3	16QAM	8	0	19.14	19.14	19.12	19.60
3	16QAM	8	4	19.12	19.20	19.04	19.60
3	16QAM	8	7	19.14	19.19	19.12	19.60
3	16QAM	15	0	19.13	19.13	19.07	19.60
3	64QAM	1	0	19.12	19.21	19.12	19.60
3	64QAM	1	8	19.14	19.20	19.12	19.60
3	64QAM	1	14	19.13	19.20	19.12	19.60
3	64QAM	8	0	19.11	19.21	19.12	19.60
3	64QAM	8	4	19.12	19.18	19.12	19.60
3	64QAM	8	7	19.14	19.21	19.12	19.60
3	64QAM	15	0	19.13	19.22	19.12	19.60
3	256QAM	1	0	19.13	19.20	19.12	19.60
3	256QAM	1	8	19.13	19.22	19.11	19.60
3	256QAM	1	14	19.13	19.22	19.12	19.60
3	256QAM	8	0	19.10	19.15	19.11	19.60
3	256QAM	8	4	19.12	19.21	19.11	19.60
3	256QAM	8	7	19.12	19.16	19.11	19.60
3	256QAM	15	0	19.13	19.22	19.12	19.60
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	19.00	19.18	19.08	19.60
1.4	QPSK	1	3	19.08	19.14	19.03	19.60
1.4	QPSK	1	5	19.12	19.17	19.12	19.60
1.4	QPSK	3	0	19.12	19.17	19.10	19.60
1.4	QPSK	3	1	19.14	19.12	19.06	19.60
1.4	QPSK	3	3	19.14	19.22	19.06	19.60
1.4	QPSK	6	0	19.11	19.14	19.08	19.60
1.4	16QAM	1	0	19.13	19.22	19.12	19.60
1.4	16QAM	1	3	19.14	19.21	19.11	19.60
1.4	16QAM	1	5	19.14	19.20	19.12	19.60
1.4	16QAM	3	0	19.14	19.15	19.12	19.60
1.4	16QAM	3	1	19.14	19.13	19.11	19.60
1.4	16QAM	3	3	19.14	19.15	19.12	19.60
1.4	16QAM	6	0	19.14	19.14	19.12	19.60
1.4	64QAM	1	0	19.13	19.22	19.12	19.60
1.4	64QAM	1	3	19.14	19.22	19.11	19.60
1.4	64QAM	1	5	19.14	19.22	19.12	19.60
1.4	64QAM	3	0	19.13	19.22	19.12	19.60
1.4	64QAM	3	1	19.13	19.22	19.11	19.60
1.4	64QAM	3	3	19.14	19.15	19.11	19.60
1.4	64QAM	6	0	19.13	19.20	19.11	19.60
1.4	256QAM	1	0	19.14	19.21	19.12	19.60
1.4	256QAM	1	3	19.14	19.22	19.12	19.60
1.4	256QAM	1	5	19.14	19.22	19.10	19.60
1.4	256QAM	3	0	19.10	19.21	19.12	19.60
1.4	256QAM	3	1	19.14	19.18	19.12	19.60
1.4	256QAM	3	3	19.13	19.19	19.11	19.60
1.4	256QAM	6	0	19.13	19.21	19.12	19.60

【LTE Band 25_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.02	24.08	24.06	25.00
20	QPSK	1	49	23.94	23.96	23.92	25.00
20	QPSK	1	99	24.01	24.01	24.05	25.00
20	QPSK	50	0	23.04	23.05	23.04	24.00
20	QPSK	50	24	22.98	22.97	22.94	24.00
20	QPSK	50	50	23.04	23.02	23.03	24.00
20	QPSK	100	0	23.02	23.03	22.95	24.00
20	16QAM	1	0	23.31	23.21	23.23	24.00
20	16QAM	1	49	23.24	23.21	23.23	24.00
20	16QAM	1	99	23.27	23.25	23.40	24.00
20	16QAM	50	0	22.03	22.04	21.99	23.00
20	16QAM	50	24	21.99	21.99	21.94	23.00
20	16QAM	50	50	22.08	22.02	22.03	23.00
20	16QAM	100	0	22.09	21.99	22.00	23.00
20	64QAM	1	0	22.27	22.21	22.22	23.00
20	64QAM	1	49	22.10	22.17	22.11	23.00
20	64QAM	1	99	22.29	22.23	22.26	23.00
20	64QAM	50	0	20.99	21.05	21.00	22.00
20	64QAM	50	24	21.03	21.05	21.02	22.00
20	64QAM	50	50	21.09	21.05	21.04	22.00
20	64QAM	100	0	21.16	21.05	21.07	22.00
20	256QAM	1	0	19.12	19.15	19.15	20.00
20	256QAM	1	49	19.14	19.14	18.98	20.00
20	256QAM	1	99	19.27	19.17	19.20	20.00
20	256QAM	50	0	19.01	19.05	19.01	20.00
20	256QAM	50	24	19.04	19.02	18.99	20.00
20	256QAM	50	50	19.08	19.00	19.03	20.00
20	256QAM	100	0	19.15	19.01	19.07	20.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.03	24.07	24.05	25.00
15	QPSK	1	37	23.96	23.97	23.97	25.00
15	QPSK	1	74	24.05	24.04	24.04	25.00
15	QPSK	36	0	22.93	22.96	22.95	24.00
15	QPSK	36	20	22.90	22.92	22.94	24.00
15	QPSK	36	39	22.99	22.99	22.97	24.00
15	QPSK	75	0	23.00	22.96	22.98	24.00
15	16QAM	1	0	23.39	23.30	23.35	24.00
15	16QAM	1	37	23.20	23.23	23.27	24.00
15	16QAM	1	74	23.39	23.35	23.45	24.00
15	16QAM	36	0	21.97	21.98	21.95	23.00
15	16QAM	36	20	21.98	21.99	21.97	23.00
15	16QAM	36	39	22.06	22.00	22.04	23.00
15	16QAM	75	0	21.99	21.97	21.96	23.00
15	64QAM	1	0	22.18	22.25	22.16	23.00
15	64QAM	1	37	22.14	22.12	22.14	23.00
15	64QAM	1	74	22.32	22.30	22.26	23.00
15	64QAM	36	0	21.01	21.05	20.96	22.00
15	64QAM	36	20	21.01	21.03	21.02	22.00
15	64QAM	36	39	21.10	21.03	21.06	22.00
15	64QAM	75	0	20.99	21.01	20.97	22.00
15	256QAM	1	0	19.17	19.14	19.13	20.00
15	256QAM	1	37	19.05	19.11	19.03	20.00
15	256QAM	1	74	19.13	19.17	19.21	20.00
15	256QAM	36	0	19.00	19.03	18.92	20.00
15	256QAM	36	20	18.98	19.00	18.99	20.00
15	256QAM	36	39	19.06	18.99	19.04	20.00
15	256QAM	75	0	19.02	19.01	19.00	20.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.07	24.03	23.99	25.00
10	QPSK	1	25	23.92	23.94	23.97	25.00
10	QPSK	1	49	24.05	24.05	24.06	25.00
10	QPSK	25	0	22.98	22.97	23.06	24.00

10	QPSK	25	12	22.91	22.97	23.06	24.00
10	QPSK	25	25	22.98	23.01	23.04	24.00
10	QPSK	50	0	23.03	22.95	22.97	24.00
10	16QAM	1	0	23.36	23.33	23.32	24.00
10	16QAM	1	25	23.20	23.25	23.22	24.00
10	16QAM	1	49	23.36	23.27	23.49	24.00
10	16QAM	25	0	22.05	22.10	22.07	23.00
10	16QAM	25	12	22.01	22.06	22.03	23.00
10	16QAM	25	25	22.07	22.05	22.06	23.00
10	16QAM	50	0	22.09	22.06	22.03	23.00
10	64QAM	1	0	22.18	22.15	22.11	23.00
10	64QAM	1	25	22.12	22.18	22.20	23.00
10	64QAM	1	49	22.24	22.24	22.24	23.00
10	64QAM	25	0	21.06	21.10	21.05	22.00
10	64QAM	25	12	21.03	21.05	21.07	22.00
10	64QAM	25	25	21.06	21.10	21.06	22.00
10	64QAM	50	0	21.12	21.05	21.05	22.00
10	256QAM	1	0	19.16	19.17	19.06	20.00
10	256QAM	1	25	19.14	19.13	19.15	20.00
10	256QAM	1	49	19.16	19.16	19.14	20.00
10	256QAM	25	0	19.05	19.07	19.05	20.00
10	256QAM	25	12	19.02	19.04	19.07	20.00
10	256QAM	25	25	19.06	19.06	19.04	20.00
10	256QAM	50	0	19.09	19.05	19.02	20.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	24.06	24.02	24.03	25.00
5	QPSK	1	12	23.97	23.96	23.98	25.00
5	QPSK	1	24	24.02	24.11	24.07	25.00
5	QPSK	12	0	23.01	22.92	23.10	24.00
5	QPSK	12	7	22.89	22.88	22.99	24.00
5	QPSK	12	13	22.96	22.94	23.01	24.00
5	QPSK	25	0	23.15	22.97	23.13	24.00
5	16QAM	1	0	23.44	23.25	23.33	24.00
5	16QAM	1	12	23.24	23.23	23.22	24.00
5	16QAM	1	24	23.34	23.40	23.39	24.00
5	16QAM	12	0	22.08	22.08	22.09	23.00
5	16QAM	12	7	22.03	22.00	22.03	23.00
5	16QAM	12	13	22.03	22.03	22.04	23.00
5	16QAM	25	0	22.09	22.05	22.06	23.00
5	64QAM	1	0	22.28	22.27	22.26	23.00
5	64QAM	1	12	22.19	22.19	22.23	23.00
5	64QAM	1	24	22.26	22.23	22.26	23.00
5	64QAM	12	0	21.11	21.15	21.14	22.00
5	64QAM	12	7	21.06	21.07	21.11	22.00
5	64QAM	12	13	21.13	21.11	21.11	22.00
5	64QAM	25	0	21.12	21.08	21.09	22.00
5	256QAM	1	0	19.21	19.17	19.18	20.00
5	256QAM	1	12	19.11	19.12	19.10	20.00
5	256QAM	1	24	19.14	19.18	19.19	20.00
5	256QAM	12	0	19.09	19.09	19.07	20.00
5	256QAM	12	7	19.01	19.01	19.00	20.00
5	256QAM	12	13	19.05	19.05	19.03	20.00
5	256QAM	25	0	19.12	19.05	19.09	20.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.03	23.97	24.04	25.00
3	QPSK	1	8	24.00	23.99	24.09	25.00
3	QPSK	1	14	23.98	24.02	24.07	25.00
3	QPSK	8	0	22.95	22.97	23.06	24.00
3	QPSK	8	4	22.92	22.92	22.97	24.00
3	QPSK	8	7	22.94	22.95	23.02	24.00
3	QPSK	15	0	22.93	22.94	23.05	24.00
3	16QAM	1	0	23.16	23.23	23.23	24.00
3	16QAM	1	8	23.12	23.12	23.23	24.00
3	16QAM	1	14	23.29	23.19	23.31	24.00
3	16QAM	8	0	22.06	22.10	22.12	23.00
3	16QAM	8	4	22.03	22.03	22.03	23.00
3	16QAM	8	7	22.08	22.09	22.11	23.00
3	16QAM	15	0	22.05	22.10	22.09	23.00
3	64QAM	1	0	22.19	22.18	22.20	23.00
3	64QAM	1	8	22.07	22.09	22.15	23.00
3	64QAM	1	14	22.11	22.20	22.23	23.00
3	64QAM	8	0	21.07	21.09	21.07	22.00
3	64QAM	8	4	21.02	21.05	21.03	22.00
3	64QAM	8	7	21.03	21.09	21.03	22.00
3	64QAM	15	0	21.09	21.06	21.07	22.00
3	256QAM	1	0	19.16	19.19	19.17	20.00

3	256QAM	1	8	19.04	19.03	19.13	20.00
3	256QAM	1	14	19.15	19.17	19.17	20.00
3	256QAM	8	0	19.09	19.12	19.08	20.00
3	256QAM	8	4	19.09	19.05	19.07	20.00
3	256QAM	8	7	19.08	19.06	19.05	20.00
3	256QAM	15	0	19.08	19.00	19.09	20.00
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	24.07	23.94	24.07	25.00
1.4	QPSK	1	3	24.04	23.99	24.00	25.00
1.4	QPSK	1	5	24.03	24.01	24.04	25.00
1.4	QPSK	3	0	23.95	23.91	23.98	25.00
1.4	QPSK	3	1	23.90	23.87	23.95	25.00
1.4	QPSK	3	3	23.95	23.91	23.99	25.00
1.4	QPSK	6	0	22.93	22.92	22.98	24.00
1.4	16QAM	1	0	23.27	23.18	23.29	24.00
1.4	16QAM	1	3	23.10	23.14	23.14	24.00
1.4	16QAM	1	5	23.18	23.10	23.16	24.00
1.4	16QAM	3	0	22.89	22.90	22.97	24.00
1.4	16QAM	3	1	22.89	22.88	22.94	24.00
1.4	16QAM	3	3	22.93	22.84	22.97	24.00
1.4	16QAM	6	0	22.08	22.05	22.06	23.00
1.4	64QAM	1	0	22.20	22.18	22.13	23.00
1.4	64QAM	1	3	22.17	22.10	22.14	23.00
1.4	64QAM	1	5	22.17	22.17	22.16	23.00
1.4	64QAM	3	0	22.10	22.05	22.10	23.00
1.4	64QAM	3	1	22.07	22.11	22.09	23.00
1.4	64QAM	3	3	22.16	22.10	22.07	23.00
1.4	64QAM	6	0	20.98	20.97	21.00	22.00
1.4	256QAM	1	0	19.12	19.11	19.11	20.00
1.4	256QAM	1	3	19.08	19.08	19.10	20.00
1.4	256QAM	1	5	19.09	19.10	19.07	20.00
1.4	256QAM	3	0	19.09	19.05	19.12	20.00
1.4	256QAM	3	1	19.08	19.07	19.08	20.00
1.4	256QAM	3	3	19.09	19.09	19.12	20.00
1.4	256QAM	6	0	19.00	19.00	18.96	20.00

【LTE Band 25_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.02	24.08	24.06	25.00
20	QPSK	1	49	23.94	23.96	23.92	25.00
20	QPSK	1	99	24.01	24.01	24.05	25.00
20	QPSK	50	0	23.04	23.05	23.04	24.00
20	QPSK	50	24	22.98	22.97	22.94	24.00
20	QPSK	50	50	23.04	23.02	23.03	24.00
20	QPSK	100	0	23.02	23.03	22.95	24.00
20	16QAM	1	0	23.31	23.21	23.23	24.00
20	16QAM	1	49	23.24	23.21	23.23	24.00
20	16QAM	1	99	23.27	23.25	23.40	24.00
20	16QAM	50	0	22.03	22.04	21.99	23.00
20	16QAM	50	24	21.99	21.99	21.94	23.00
20	16QAM	50	50	22.08	22.02	22.03	23.00
20	16QAM	100	0	22.09	21.99	22.00	23.00
20	64QAM	1	0	22.27	22.21	22.22	23.00
20	64QAM	1	49	22.10	22.17	22.11	23.00
20	64QAM	1	99	22.29	22.23	22.26	23.00
20	64QAM	50	0	20.99	21.05	21.00	22.00
20	64QAM	50	24	21.03	21.05	21.02	22.00
20	64QAM	50	50	21.09	21.05	21.04	22.00
20	64QAM	100	0	21.16	21.05	21.07	22.00
20	256QAM	1	0	19.12	19.15	19.15	20.00
20	256QAM	1	49	19.14	19.14	18.98	20.00
20	256QAM	1	99	19.27	19.17	19.20	20.00
20	256QAM	50	0	19.01	19.05	19.01	20.00
20	256QAM	50	24	19.04	19.02	18.99	20.00
20	256QAM	50	50	19.08	19.00	19.03	20.00
20	256QAM	100	0	19.15	19.01	19.07	20.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.03	24.07	24.05	25.00
15	QPSK	1	37	23.96	23.97	23.97	25.00
15	QPSK	1	74	24.05	24.04	24.04	25.00
15	QPSK	36	0	22.93	22.96	22.95	24.00
15	QPSK	36	20	22.90	22.92	22.94	24.00
15	QPSK	36	39	22.99	22.99	22.97	24.00
15	QPSK	75	0	23.00	22.96	22.98	24.00
15	16QAM	1	0	23.39	23.30	23.35	24.00
15	16QAM	1	37	23.20	23.23	23.27	24.00
15	16QAM	1	74	23.39	23.35	23.45	24.00
15	16QAM	36	0	21.97	21.98	21.95	23.00
15	16QAM	36	20	21.98	21.99	21.97	23.00
15	16QAM	36	39	22.06	22.00	22.04	23.00
15	16QAM	75	0	21.99	21.97	21.96	23.00
15	64QAM	1	0	22.18	22.25	22.16	23.00
15	64QAM	1	37	22.14	22.12	22.14	23.00
15	64QAM	1	74	22.32	22.30	22.26	23.00
15	64QAM	36	0	21.01	21.05	20.96	22.00
15	64QAM	36	20	21.01	21.03	21.02	22.00
15	64QAM	36	39	21.10	21.03	21.06	22.00
15	64QAM	75	0	20.99	21.01	20.97	22.00
15	256QAM	1	0	19.17	19.14	19.13	20.00
15	256QAM	1	37	19.05	19.11	19.03	20.00
15	256QAM	1	74	19.13	19.17	19.21	20.00
15	256QAM	36	0	19.00	19.03	18.92	20.00
15	256QAM	36	20	18.98	19.00	18.99	20.00
15	256QAM	36	39	19.06	18.99	19.04	20.00
15	256QAM	75	0	19.02	19.01	19.00	20.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.07	24.03	23.99	25.00
10	QPSK	1	25	23.92	23.94	23.97	25.00
10	QPSK	1	49	24.05	24.05	24.06	25.00
10	QPSK	25	0	22.98	22.97	23.06	24.00
10	QPSK	25	12	22.91	22.97	23.06	24.00
10	QPSK	25	25	22.98	23.01	23.04	24.00
10	QPSK	50	0	23.03	22.95	22.97	24.00
10	16QAM	1	0	23.36	23.33	23.32	24.00
10	16QAM	1	25	23.20	23.25	23.22	24.00
10	16QAM	1	49	23.36	23.27	23.49	24.00



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10	16QAM	25	0	22.05	22.10	22.07	23.00
10	16QAM	25	12	22.01	22.06	22.03	23.00
10	16QAM	25	25	22.07	22.05	22.06	23.00
10	16QAM	50	0	22.09	22.06	22.03	23.00
10	64QAM	1	0	22.18	22.15	22.11	23.00
10	64QAM	1	25	22.12	22.18	22.20	23.00
10	64QAM	1	49	22.24	22.24	22.24	23.00
10	64QAM	25	0	21.06	21.10	21.05	22.00
10	64QAM	25	12	21.03	21.05	21.07	22.00
10	64QAM	25	25	21.06	21.10	21.06	22.00
10	64QAM	50	0	21.12	21.05	21.05	22.00
10	256QAM	1	0	19.16	19.17	19.06	20.00
10	256QAM	1	25	19.14	19.13	19.15	20.00
10	256QAM	1	49	19.16	19.16	19.14	20.00
10	256QAM	25	0	19.05	19.07	19.05	20.00
10	256QAM	25	12	19.02	19.04	19.07	20.00
10	256QAM	25	25	19.06	19.06	19.04	20.00
10	256QAM	50	0	19.09	19.05	19.02	20.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	24.06	24.02	24.03	25.00
5	QPSK	1	12	23.97	23.96	23.98	25.00
5	QPSK	1	24	24.02	24.11	24.07	25.00
5	QPSK	12	0	23.01	22.92	23.10	24.00
5	QPSK	12	7	22.89	22.88	22.99	24.00
5	QPSK	12	13	22.96	22.94	23.01	24.00
5	QPSK	25	0	23.15	22.97	23.13	24.00
5	16QAM	1	0	23.44	23.25	23.33	24.00
5	16QAM	1	12	23.24	23.23	23.22	24.00
5	16QAM	1	24	23.34	23.40	23.39	24.00
5	16QAM	12	0	22.08	22.08	22.09	23.00
5	16QAM	12	7	22.03	22.00	22.03	23.00
5	16QAM	12	13	22.03	22.03	22.04	23.00
5	16QAM	25	0	22.09	22.05	22.06	23.00
5	64QAM	1	0	22.28	22.27	22.26	23.00
5	64QAM	1	12	22.19	22.19	22.23	23.00
5	64QAM	1	24	22.26	22.23	22.26	23.00
5	64QAM	12	0	21.11	21.15	21.14	22.00
5	64QAM	12	7	21.06	21.07	21.11	22.00
5	64QAM	12	13	21.13	21.11	21.11	22.00
5	64QAM	25	0	21.12	21.08	21.09	22.00
5	256QAM	1	0	19.21	19.17	19.18	20.00
5	256QAM	1	12	19.11	19.12	19.10	20.00
5	256QAM	1	24	19.14	19.18	19.19	20.00
5	256QAM	12	0	19.09	19.09	19.07	20.00
5	256QAM	12	7	19.01	19.01	19.00	20.00
5	256QAM	12	13	19.05	19.05	19.03	20.00
5	256QAM	25	0	19.12	19.05	19.09	20.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.03	23.97	24.04	25.00
3	QPSK	1	8	24.00	23.99	24.09	25.00
3	QPSK	1	14	23.98	24.02	24.07	25.00
3	QPSK	8	0	22.95	22.97	23.06	24.00
3	QPSK	8	4	22.92	22.92	22.97	24.00
3	QPSK	8	7	22.94	22.95	23.02	24.00
3	QPSK	15	0	22.93	22.94	23.05	24.00
3	16QAM	1	0	23.16	23.23	23.23	24.00
3	16QAM	1	8	23.12	23.12	23.23	24.00
3	16QAM	1	14	23.29	23.19	23.31	24.00
3	16QAM	8	0	22.06	22.10	22.12	23.00
3	16QAM	8	4	22.03	22.03	22.03	23.00
3	16QAM	8	7	22.08	22.09	22.11	23.00
3	16QAM	15	0	22.05	22.10	22.09	23.00
3	64QAM	1	0	22.19	22.18	22.20	23.00
3	64QAM	1	8	22.07	22.09	22.15	23.00
3	64QAM	1	14	22.11	22.20	22.23	23.00
3	64QAM	8	0	21.07	21.09	21.07	22.00
3	64QAM	8	4	21.02	21.05	21.03	22.00
3	64QAM	8	7	21.03	21.09	21.03	22.00
3	64QAM	15	0	21.09	21.06	21.07	22.00
3	256QAM	1	0	19.16	19.19	19.17	20.00
3	256QAM	1	8	19.04	19.03	19.13	20.00
3	256QAM	1	14	19.15	19.17	19.17	20.00
3	256QAM	8	0	19.09	19.12	19.08	20.00
3	256QAM	8	4	19.09	19.05	19.07	20.00
3	256QAM	8	7	19.08	19.06	19.05	20.00
3	256QAM	15	0	19.08	19.00	19.09	20.00

Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.07	23.94	24.07	25.00
1.4	QPSK	1	3	24.04	23.99	24.00	25.00
1.4	QPSK	1	5	24.03	24.01	24.04	25.00
1.4	QPSK	3	0	23.95	23.91	23.98	25.00
1.4	QPSK	3	1	23.90	23.87	23.95	25.00
1.4	QPSK	3	3	23.95	23.91	23.99	25.00
1.4	QPSK	6	0	22.93	22.92	22.98	24.00
1.4	16QAM	1	0	23.27	23.18	23.29	24.00
1.4	16QAM	1	3	23.10	23.14	23.14	24.00
1.4	16QAM	1	5	23.18	23.10	23.16	24.00
1.4	16QAM	3	0	22.89	22.90	22.97	24.00
1.4	16QAM	3	1	22.89	22.88	22.94	24.00
1.4	16QAM	3	3	22.93	22.84	22.97	24.00
1.4	16QAM	6	0	22.08	22.05	22.06	23.00
1.4	64QAM	1	0	22.20	22.18	22.13	23.00
1.4	64QAM	1	3	22.17	22.10	22.14	23.00
1.4	64QAM	1	5	22.17	22.17	22.16	23.00
1.4	64QAM	3	0	22.10	22.05	22.10	23.00
1.4	64QAM	3	1	22.07	22.11	22.09	23.00
1.4	64QAM	3	3	22.16	22.10	22.07	23.00
1.4	64QAM	6	0	20.98	20.97	21.00	22.00
1.4	256QAM	1	0	19.12	19.11	19.11	20.00
1.4	256QAM	1	3	19.08	19.08	19.10	20.00
1.4	256QAM	1	5	19.09	19.10	19.07	20.00
1.4	256QAM	3	0	19.09	19.05	19.12	20.00
1.4	256QAM	3	1	19.08	19.07	19.08	20.00
1.4	256QAM	3	3	19.09	19.09	19.12	20.00
1.4	256QAM	6	0	19.00	19.00	18.96	20.00

【LTE Band 25_Ant 2_ECI 4】

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	19.28	19.29	19.28	20.70
20	QPSK	1	49	19.25	19.28	19.20	20.70
20	QPSK	1	99	19.26	19.25	19.26	20.70
20	QPSK	50	0	19.25	19.27	19.26	20.70
20	QPSK	50	24	19.20	19.21	19.24	20.70
20	QPSK	50	50	19.22	19.22	19.20	20.70
20	QPSK	100	0	19.21	19.29	19.23	20.70
20	16QAM	1	0	19.26	19.26	19.25	20.70
20	16QAM	1	49	19.25	19.29	19.22	20.70
20	16QAM	1	99	19.20	19.25	19.26	20.70
20	16QAM	50	0	19.18	19.28	19.22	20.70
20	16QAM	50	24	19.19	19.25	19.24	20.70
20	16QAM	50	50	19.22	19.23	19.25	20.70
20	16QAM	100	0	19.27	19.30	19.27	20.70
20	64QAM	1	0	19.22	19.22	19.23	20.70
20	64QAM	1	49	19.25	19.25	19.21	20.70
20	64QAM	1	99	19.25	19.24	19.25	20.70
20	64QAM	50	0	19.23	19.22	19.26	20.70
20	64QAM	50	24	19.28	19.26	19.23	20.70
20	64QAM	50	50	19.27	19.21	19.25	20.70
20	64QAM	100	0	19.24	19.24	19.22	20.70
20	256QAM	1	0	19.27	19.27	19.16	20.00
20	256QAM	1	49	19.26	19.24	19.12	20.00
20	256QAM	1	99	19.28	19.28	19.27	20.00
20	256QAM	50	0	19.15	19.25	19.16	20.00
20	256QAM	50	24	19.21	19.20	19.18	20.00
20	256QAM	50	50	19.23	19.22	19.17	20.00
20	256QAM	100	0	19.23	19.21	19.18	20.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.19	19.18	19.22	20.70
15	QPSK	1	37	19.20	19.25	19.16	20.70
15	QPSK	1	74	19.13	19.21	19.23	20.70
15	QPSK	36	0	19.11	19.18	19.15	20.70
15	QPSK	36	20	19.15	19.11	19.18	20.70
15	QPSK	36	39	19.10	19.19	19.07	20.70
15	QPSK	75	0	19.09	19.20	19.17	20.70



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15	16QAM	1	0	19.18	19.24	19.20	20.70
15	16QAM	1	37	19.17	19.24	19.20	20.70
15	16QAM	1	74	19.15	19.18	19.19	20.70
15	16QAM	36	0	19.15	19.16	19.19	20.70
15	16QAM	36	20	19.10	19.23	19.16	20.70
15	16QAM	36	39	19.15	19.14	19.18	20.70
15	16QAM	75	0	19.20	19.18	19.12	20.70
15	64QAM	1	0	19.07	19.18	19.11	20.70
15	64QAM	1	37	19.19	19.19	19.07	20.70
15	64QAM	1	74	19.19	19.14	19.15	20.70
15	64QAM	36	0	19.09	19.15	19.21	20.70
15	64QAM	36	20	19.24	19.21	19.22	20.70
15	64QAM	36	39	19.19	19.18	19.15	20.70
15	64QAM	75	0	19.17	19.12	19.14	20.70
15	256QAM	1	0	19.22	19.25	19.06	20.00
15	256QAM	1	37	19.15	19.11	19.01	20.00
15	256QAM	1	74	19.22	19.26	19.24	20.00
15	256QAM	36	0	19.09	19.21	19.08	20.00
15	256QAM	36	20	19.16	19.14	19.14	20.00
15	256QAM	36	39	19.22	19.08	19.11	20.00
15	256QAM	75	0	19.18	19.18	19.10	20.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.18	19.18	19.16	20.70
10	QPSK	1	25	19.20	19.19	19.16	20.70
10	QPSK	1	49	19.13	19.18	19.22	20.70
10	QPSK	25	0	19.14	19.24	19.12	20.70
10	QPSK	25	12	19.16	19.18	19.11	20.70
10	QPSK	25	25	19.14	19.18	19.16	20.70
10	QPSK	50	0	19.19	19.25	19.12	20.70
10	16QAM	1	0	19.17	19.19	19.20	20.70
10	16QAM	1	25	19.18	19.18	19.08	20.70
10	16QAM	1	49	19.17	19.15	19.12	20.70
10	16QAM	25	0	19.07	19.15	19.17	20.70
10	16QAM	25	12	19.12	19.17	19.21	20.70
10	16QAM	25	25	19.19	19.21	19.18	20.70
10	16QAM	50	0	19.24	19.16	19.20	20.70
10	64QAM	1	0	19.18	19.07	19.16	20.70
10	64QAM	1	25	19.21	19.19	19.09	20.70
10	64QAM	1	49	19.16	19.17	19.16	20.70
10	64QAM	25	0	19.10	19.13	19.23	20.70
10	64QAM	25	12	19.25	19.25	19.13	20.70
10	64QAM	25	25	19.20	19.09	19.24	20.70
10	64QAM	50	0	19.13	19.23	19.13	20.70
10	256QAM	1	0	19.22	19.25	19.03	20.00
10	256QAM	1	25	19.16	19.12	19.11	20.00
10	256QAM	1	49	19.22	19.14	19.19	20.00
10	256QAM	25	0	19.01	19.13	19.02	20.00
10	256QAM	25	12	19.19	19.06	19.08	20.00
10	256QAM	25	25	19.20	19.14	19.07	20.00
10	256QAM	50	0	19.20	19.18	19.15	20.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.22	19.27	19.18	20.70
5	QPSK	1	12	19.23	19.22	19.06	20.70
5	QPSK	1	24	19.16	19.17	19.12	20.70
5	QPSK	12	0	19.17	19.13	19.18	20.70
5	QPSK	12	7	19.18	19.18	19.19	20.70
5	QPSK	12	13	19.14	19.18	19.10	20.70
5	QPSK	25	0	19.12	19.16	19.12	20.70
5	16QAM	1	0	19.23	19.13	19.18	20.70
5	16QAM	1	12	19.17	19.26	19.13	20.70
5	16QAM	1	24	19.10	19.23	19.23	20.70
5	16QAM	12	0	19.16	19.20	19.10	20.70
5	16QAM	12	7	19.14	19.22	19.19	20.70
5	16QAM	12	13	19.07	19.10	19.23	20.70
5	16QAM	25	0	19.24	19.29	19.22	20.70
5	64QAM	1	0	19.13	19.21	19.09	20.70
5	64QAM	1	12	19.13	19.19	19.14	20.70
5	64QAM	1	24	19.17	19.13	19.18	20.70
5	64QAM	12	0	19.13	19.20	19.11	20.70
5	64QAM	12	7	19.24	19.21	19.19	20.70
5	64QAM	12	13	19.16	19.16	19.20	20.70
5	64QAM	25	0	19.16	19.17	19.11	20.70
5	256QAM	1	0	19.17	19.19	19.07	20.00
5	256QAM	1	12	19.17	19.14	18.97	20.00
5	256QAM	1	24	19.26	19.22	19.16	20.00
5	256QAM	12	0	19.01	19.23	19.13	20.00

5	256QAM	12	7	19.08	19.09	19.12	20.00
5	256QAM	12	13	19.13	19.16	19.14	20.00
5	256QAM	25	0	19.15	19.19	19.10	20.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	19.25	19.16	19.25	20.70
3	QPSK	1	8	19.11	19.26	19.05	20.70
3	QPSK	1	14	19.12	19.21	19.23	20.70
3	QPSK	8	0	19.13	19.20	19.23	20.70
3	QPSK	8	4	19.18	19.20	19.19	20.70
3	QPSK	8	7	19.14	19.15	19.10	20.70
3	QPSK	15	0	19.12	19.18	19.20	20.70
3	16QAM	1	0	19.15	19.16	19.18	20.70
3	16QAM	1	8	19.14	19.19	19.13	20.70
3	16QAM	1	14	19.19	19.15	19.15	20.70
3	16QAM	8	0	19.06	19.18	19.19	20.70
3	16QAM	8	4	19.15	19.15	19.11	20.70
3	16QAM	8	7	19.12	19.14	19.23	20.70
3	16QAM	15	0	19.17	19.21	19.18	20.70
3	64QAM	1	0	19.15	19.20	19.13	20.70
3	64QAM	1	8	19.20	19.16	19.09	20.70
3	64QAM	1	14	19.17	19.20	19.15	20.70
3	64QAM	8	0	19.15	19.19	19.21	20.70
3	64QAM	8	4	19.19	19.12	19.14	20.70
3	64QAM	8	7	19.21	19.06	19.13	20.70
3	64QAM	15	0	19.22	19.14	19.13	20.70
3	256QAM	1	0	19.23	19.19	19.10	20.00
3	256QAM	1	8	19.20	19.11	19.04	20.00
3	256QAM	1	14	19.27	19.23	19.26	20.00
3	256QAM	8	0	19.05	19.11	19.09	20.00
3	256QAM	8	4	19.12	19.12	19.10	20.00
3	256QAM	8	7	19.15	19.08	19.03	20.00
3	256QAM	15	0	19.09	19.07	19.07	20.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.24	19.25	19.18	20.70
1.4	QPSK	1	3	19.23	19.20	19.17	20.70
1.4	QPSK	1	5	19.20	19.20	19.20	20.70
1.4	QPSK	3	0	19.11	19.12	19.14	20.70
1.4	QPSK	3	1	19.09	19.11	19.07	20.70
1.4	QPSK	3	3	19.10	19.11	19.10	20.70
1.4	QPSK	6	0	19.12	19.13	19.08	20.70
1.4	16QAM	1	0	19.22	19.20	19.19	20.70
1.4	16QAM	1	3	19.27	19.18	19.20	20.70
1.4	16QAM	1	5	19.26	19.21	19.18	20.70
1.4	16QAM	3	0	19.13	19.02	19.00	20.70
1.4	16QAM	3	1	19.00	19.11	19.05	20.70
1.4	16QAM	3	3	19.11	19.10	19.08	20.70
1.4	16QAM	6	0	19.23	19.24	19.15	20.70
1.4	64QAM	1	0	19.21	19.20	19.16	20.70
1.4	64QAM	1	3	19.19	19.18	19.18	20.70
1.4	64QAM	1	5	19.20	19.21	19.21	20.70
1.4	64QAM	3	0	19.19	19.21	19.18	20.70
1.4	64QAM	3	1	19.20	19.24	19.21	20.70
1.4	64QAM	3	3	19.17	19.16	19.20	20.70
1.4	64QAM	6	0	19.19	19.13	19.12	20.70
1.4	256QAM	1	0	19.11	19.13	19.01	20.00
1.4	256QAM	1	3	19.11	18.99	19.07	20.00
1.4	256QAM	1	5	19.13	19.16	19.06	20.00
1.4	256QAM	3	0	19.12	19.12	19.04	20.00
1.4	256QAM	3	1	19.16	19.07	19.01	20.00
1.4	256QAM	3	3	19.10	19.13	19.06	20.00
1.4	256QAM	6	0	19.03	19.02	19.00	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.28	19.29	19.28	19.30
20	QPSK	1	49	19.25	19.28	19.20	19.30
20	QPSK	1	99	19.26	19.25	19.26	19.30
20	QPSK	50	0	19.25	19.27	19.26	19.30
20	QPSK	50	24	19.20	19.21	19.24	19.30
20	QPSK	50	50	19.22	19.22	19.20	19.30
20	QPSK	100	0	19.21	19.29	19.23	19.30
20	16QAM	1	0	19.26	19.26	19.25	19.30
20	16QAM	1	49	19.25	19.29	19.22	19.30
20	16QAM	1	99	19.20	19.25	19.26	19.30
20	16QAM	50	0	19.18	19.28	19.22	19.30
20	16QAM	50	24	19.19	19.25	19.24	19.30
20	16QAM	50	50	19.22	19.23	19.25	19.30
20	16QAM	100	0	19.27	19.30	19.27	19.30
20	64QAM	1	0	19.22	19.22	19.23	19.30
20	64QAM	1	49	19.25	19.25	19.21	19.30
20	64QAM	1	99	19.25	19.24	19.25	19.30
20	64QAM	50	0	19.23	19.22	19.26	19.30
20	64QAM	50	24	19.28	19.26	19.23	19.30
20	64QAM	50	50	19.27	19.21	19.25	19.30
20	64QAM	100	0	19.24	19.24	19.22	19.30
20	256QAM	1	0	19.27	19.27	19.16	19.30
20	256QAM	1	49	19.26	19.24	19.12	19.30
20	256QAM	1	99	19.28	19.28	19.27	19.30
20	256QAM	50	0	19.15	19.25	19.16	19.30
20	256QAM	50	24	19.21	19.20	19.18	19.30
20	256QAM	50	50	19.23	19.22	19.17	19.30
20	256QAM	100	0	19.23	19.21	19.18	19.30
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.19	19.18	19.22	19.30
15	QPSK	1	37	19.20	19.25	19.16	19.30
15	QPSK	1	74	19.13	19.21	19.23	19.30
15	QPSK	36	0	19.11	19.18	19.15	19.30
15	QPSK	36	20	19.15	19.11	19.18	19.30
15	QPSK	36	39	19.10	19.19	19.07	19.30
15	QPSK	75	0	19.09	19.20	19.17	19.30
15	16QAM	1	0	19.18	19.24	19.20	19.30
15	16QAM	1	37	19.17	19.24	19.20	19.30
15	16QAM	1	74	19.15	19.18	19.19	19.30
15	16QAM	36	0	19.15	19.16	19.19	19.30
15	16QAM	36	20	19.10	19.23	19.16	19.30
15	16QAM	36	39	19.15	19.14	19.18	19.30
15	16QAM	75	0	19.20	19.18	19.12	19.30
15	64QAM	1	0	19.07	19.18	19.11	19.30
15	64QAM	1	37	19.19	19.19	19.07	19.30
15	64QAM	1	74	19.19	19.14	19.15	19.30
15	64QAM	36	0	19.09	19.15	19.21	19.30
15	64QAM	36	20	19.24	19.21	19.22	19.30
15	64QAM	36	39	19.19	19.18	19.15	19.30
15	64QAM	75	0	19.17	19.12	19.14	19.30
15	256QAM	1	0	19.22	19.25	19.06	19.30
15	256QAM	1	37	19.15	19.11	19.01	19.30
15	256QAM	1	74	19.22	19.26	19.24	19.30
15	256QAM	36	0	19.09	19.21	19.08	19.30
15	256QAM	36	20	19.16	19.14	19.14	19.30
15	256QAM	36	39	19.22	19.08	19.11	19.30
15	256QAM	75	0	19.18	19.18	19.10	19.30
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	19.18	19.18	19.16	19.30
10	QPSK	1	25	19.20	19.19	19.16	19.30
10	QPSK	1	49	19.13	19.18	19.22	19.30
10	QPSK	25	0	19.14	19.24	19.12	19.30
10	QPSK	25	12	19.16	19.18	19.11	19.30
10	QPSK	25	25	19.14	19.18	19.16	19.30
10	QPSK	50	0	19.19	19.25	19.12	19.30
10	16QAM	1	0	19.17	19.19	19.20	19.30
10	16QAM	1	25	19.18	19.18	19.08	19.30
10	16QAM	1	49	19.17	19.15	19.12	19.30



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10	16QAM	25	0	19.07	19.15	19.17	19.30
10	16QAM	25	12	19.12	19.17	19.21	19.30
10	16QAM	25	25	19.19	19.21	19.18	19.30
10	16QAM	50	0	19.24	19.16	19.20	19.30
10	64QAM	1	0	19.18	19.07	19.16	19.30
10	64QAM	1	25	19.21	19.19	19.09	19.30
10	64QAM	1	49	19.16	19.17	19.16	19.30
10	64QAM	25	0	19.10	19.13	19.23	19.30
10	64QAM	25	12	19.25	19.25	19.13	19.30
10	64QAM	25	25	19.20	19.09	19.24	19.30
10	64QAM	50	0	19.13	19.23	19.13	19.30
10	256QAM	1	0	19.22	19.25	19.03	19.30
10	256QAM	1	25	19.16	19.12	19.11	19.30
10	256QAM	1	49	19.22	19.14	19.19	19.30
10	256QAM	25	0	19.01	19.13	19.02	19.30
10	256QAM	25	12	19.19	19.06	19.08	19.30
10	256QAM	25	25	19.20	19.14	19.07	19.30
10	256QAM	50	0	19.20	19.18	19.15	19.30
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.22	19.27	19.18	19.30
5	QPSK	1	12	19.23	19.22	19.06	19.30
5	QPSK	1	24	19.16	19.17	19.12	19.30
5	QPSK	12	0	19.17	19.13	19.18	19.30
5	QPSK	12	7	19.18	19.18	19.19	19.30
5	QPSK	12	13	19.14	19.18	19.10	19.30
5	QPSK	25	0	19.12	19.16	19.12	19.30
5	16QAM	1	0	19.23	19.13	19.18	19.30
5	16QAM	1	12	19.17	19.26	19.13	19.30
5	16QAM	1	24	19.10	19.23	19.23	19.30
5	16QAM	12	0	19.16	19.20	19.10	19.30
5	16QAM	12	7	19.14	19.22	19.19	19.30
5	16QAM	12	13	19.07	19.10	19.23	19.30
5	16QAM	25	0	19.24	19.29	19.22	19.30
5	64QAM	1	0	19.13	19.21	19.09	19.30
5	64QAM	1	12	19.13	19.19	19.14	19.30
5	64QAM	1	24	19.17	19.13	19.18	19.30
5	64QAM	12	0	19.13	19.20	19.11	19.30
5	64QAM	12	7	19.24	19.21	19.19	19.30
5	64QAM	12	13	19.16	19.16	19.20	19.30
5	64QAM	25	0	19.16	19.17	19.11	19.30
5	256QAM	1	0	19.17	19.19	19.07	19.30
5	256QAM	1	12	19.17	19.14	18.97	19.30
5	256QAM	1	24	19.26	19.22	19.16	19.30
5	256QAM	12	0	19.01	19.23	19.13	19.30
5	256QAM	12	7	19.08	19.09	19.12	19.30
5	256QAM	12	13	19.13	19.16	19.14	19.30
5	256QAM	25	0	19.15	19.19	19.10	19.30
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.25	19.16	19.25	19.30
3	QPSK	1	8	19.11	19.26	19.05	19.30
3	QPSK	1	14	19.12	19.21	19.23	19.30
3	QPSK	8	0	19.13	19.20	19.23	19.30
3	QPSK	8	4	19.18	19.20	19.19	19.30
3	QPSK	8	7	19.14	19.15	19.10	19.30
3	QPSK	15	0	19.12	19.18	19.20	19.30
3	16QAM	1	0	19.15	19.16	19.18	19.30
3	16QAM	1	8	19.14	19.19	19.13	19.30
3	16QAM	1	14	19.19	19.15	19.15	19.30
3	16QAM	8	0	19.06	19.18	19.19	19.30
3	16QAM	8	4	19.15	19.15	19.11	19.30
3	16QAM	8	7	19.12	19.14	19.23	19.30
3	16QAM	15	0	19.17	19.21	19.18	19.30
3	64QAM	1	0	19.15	19.20	19.13	19.30
3	64QAM	1	8	19.20	19.16	19.09	19.30
3	64QAM	1	14	19.17	19.20	19.15	19.30
3	64QAM	8	0	19.15	19.19	19.21	19.30
3	64QAM	8	4	19.19	19.12	19.14	19.30
3	64QAM	8	7	19.21	19.06	19.13	19.30
3	64QAM	15	0	19.22	19.14	19.13	19.30
3	256QAM	1	0	19.23	19.19	19.10	19.30
3	256QAM	1	8	19.20	19.11	19.04	19.30
3	256QAM	1	14	19.27	19.23	19.26	19.30
3	256QAM	8	0	19.05	19.11	19.09	19.30
3	256QAM	8	4	19.12	19.12	19.10	19.30
3	256QAM	8	7	19.15	19.08	19.03	19.30
3	256QAM	15	0	19.09	19.07	19.07	19.30

Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.24	19.25	19.18	19.30
1.4	QPSK	1	3	19.23	19.20	19.17	19.30
1.4	QPSK	1	5	19.20	19.20	19.20	19.30
1.4	QPSK	3	0	19.11	19.12	19.14	19.30
1.4	QPSK	3	1	19.09	19.11	19.07	19.30
1.4	QPSK	3	3	19.10	19.11	19.10	19.30
1.4	QPSK	6	0	19.12	19.13	19.08	19.30
1.4	16QAM	1	0	19.22	19.20	19.19	19.30
1.4	16QAM	1	3	19.27	19.18	19.20	19.30
1.4	16QAM	1	5	19.26	19.21	19.18	19.30
1.4	16QAM	3	0	19.13	19.02	19.00	19.30
1.4	16QAM	3	1	19.00	19.11	19.05	19.30
1.4	16QAM	3	3	19.11	19.10	19.08	19.30
1.4	16QAM	6	0	19.23	19.24	19.15	19.30
1.4	64QAM	1	0	19.21	19.20	19.16	19.30
1.4	64QAM	1	3	19.19	19.18	19.18	19.30
1.4	64QAM	1	5	19.20	19.21	19.21	19.30
1.4	64QAM	3	0	19.19	19.21	19.18	19.30
1.4	64QAM	3	1	19.20	19.24	19.21	19.30
1.4	64QAM	3	3	19.17	19.16	19.20	19.30
1.4	64QAM	6	0	19.19	19.13	19.12	19.30
1.4	256QAM	1	0	19.11	19.13	19.01	19.30
1.4	256QAM	1	3	19.11	18.99	19.07	19.30
1.4	256QAM	1	5	19.13	19.16	19.06	19.30
1.4	256QAM	3	0	19.12	19.12	19.04	19.30
1.4	256QAM	3	1	19.16	19.07	19.01	19.30
1.4	256QAM	3	3	19.10	19.13	19.06	19.30
1.4	256QAM	6	0	19.03	19.02	19.00	19.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.28	19.29	19.28	19.30
20	QPSK	1	49	19.25	19.28	19.20	19.30
20	QPSK	1	99	19.26	19.25	19.26	19.30
20	QPSK	50	0	19.25	19.27	19.26	19.30
20	QPSK	50	24	19.20	19.21	19.24	19.30
20	QPSK	50	50	19.22	19.22	19.20	19.30
20	QPSK	100	0	19.21	19.29	19.23	19.30
20	16QAM	1	0	19.26	19.26	19.25	19.30
20	16QAM	1	49	19.25	19.29	19.22	19.30
20	16QAM	1	99	19.20	19.25	19.26	19.30
20	16QAM	50	0	19.18	19.28	19.22	19.30
20	16QAM	50	24	19.19	19.25	19.24	19.30
20	16QAM	50	50	19.22	19.23	19.25	19.30
20	16QAM	100	0	19.27	19.30	19.27	19.30
20	64QAM	1	0	19.22	19.22	19.23	19.30
20	64QAM	1	49	19.25	19.25	19.21	19.30
20	64QAM	1	99	19.25	19.24	19.25	19.30
20	64QAM	50	0	19.23	19.22	19.26	19.30
20	64QAM	50	24	19.28	19.26	19.23	19.30
20	64QAM	50	50	19.27	19.21	19.25	19.30
20	64QAM	100	0	19.24	19.24	19.22	19.30
20	256QAM	1	0	19.27	19.27	19.16	19.30
20	256QAM	1	49	19.26	19.24	19.12	19.30
20	256QAM	1	99	19.28	19.28	19.27	19.30
20	256QAM	50	0	19.15	19.25	19.16	19.30
20	256QAM	50	24	19.21	19.20	19.18	19.30
20	256QAM	50	50	19.23	19.22	19.17	19.30
20	256QAM	100	0	19.23	19.21	19.18	19.30
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.19	19.18	19.22	19.30
15	QPSK	1	37	19.20	19.25	19.16	19.30
15	QPSK	1	74	19.13	19.21	19.23	19.30
15	QPSK	36	0	19.11	19.18	19.15	19.30
15	QPSK	36	20	19.15	19.11	19.18	19.30
15	QPSK	36	39	19.10	19.19	19.07	19.30
15	QPSK	75	0	19.09	19.20	19.17	19.30



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15	16QAM	1	0	19.18	19.24	19.20	19.30
15	16QAM	1	37	19.17	19.24	19.20	19.30
15	16QAM	1	74	19.15	19.18	19.19	19.30
15	16QAM	36	0	19.15	19.16	19.19	19.30
15	16QAM	36	20	19.10	19.23	19.16	19.30
15	16QAM	36	39	19.15	19.14	19.18	19.30
15	16QAM	75	0	19.20	19.18	19.12	19.30
15	64QAM	1	0	19.07	19.18	19.11	19.30
15	64QAM	1	37	19.19	19.19	19.07	19.30
15	64QAM	1	74	19.19	19.14	19.15	19.30
15	64QAM	36	0	19.09	19.15	19.21	19.30
15	64QAM	36	20	19.24	19.21	19.22	19.30
15	64QAM	36	39	19.19	19.18	19.15	19.30
15	64QAM	75	0	19.17	19.12	19.14	19.30
15	256QAM	1	0	19.22	19.25	19.06	19.30
15	256QAM	1	37	19.15	19.11	19.01	19.30
15	256QAM	1	74	19.22	19.26	19.24	19.30
15	256QAM	36	0	19.09	19.21	19.08	19.30
15	256QAM	36	20	19.16	19.14	19.14	19.30
15	256QAM	36	39	19.22	19.08	19.11	19.30
15	256QAM	75	0	19.18	19.18	19.10	19.30
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.18	19.18	19.16	19.30
10	QPSK	1	25	19.20	19.19	19.16	19.30
10	QPSK	1	49	19.13	19.18	19.22	19.30
10	QPSK	25	0	19.14	19.24	19.12	19.30
10	QPSK	25	12	19.16	19.18	19.11	19.30
10	QPSK	25	25	19.14	19.18	19.16	19.30
10	QPSK	50	0	19.19	19.25	19.12	19.30
10	16QAM	1	0	19.17	19.19	19.20	19.30
10	16QAM	1	25	19.18	19.18	19.08	19.30
10	16QAM	1	49	19.17	19.15	19.12	19.30
10	16QAM	25	0	19.07	19.15	19.17	19.30
10	16QAM	25	12	19.12	19.17	19.21	19.30
10	16QAM	25	25	19.19	19.21	19.18	19.30
10	16QAM	50	0	19.24	19.16	19.20	19.30
10	64QAM	1	0	19.18	19.07	19.16	19.30
10	64QAM	1	25	19.21	19.19	19.09	19.30
10	64QAM	1	49	19.16	19.17	19.16	19.30
10	64QAM	25	0	19.10	19.13	19.23	19.30
10	64QAM	25	12	19.25	19.25	19.13	19.30
10	64QAM	25	25	19.20	19.09	19.24	19.30
10	64QAM	50	0	19.13	19.23	19.13	19.30
10	256QAM	1	0	19.22	19.25	19.03	19.30
10	256QAM	1	25	19.16	19.12	19.11	19.30
10	256QAM	1	49	19.22	19.14	19.19	19.30
10	256QAM	25	0	19.01	19.13	19.02	19.30
10	256QAM	25	12	19.19	19.06	19.08	19.30
10	256QAM	25	25	19.20	19.14	19.07	19.30
10	256QAM	50	0	19.20	19.18	19.15	19.30
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.22	19.27	19.18	19.30
5	QPSK	1	12	19.23	19.22	19.06	19.30
5	QPSK	1	24	19.16	19.17	19.12	19.30
5	QPSK	12	0	19.17	19.13	19.18	19.30
5	QPSK	12	7	19.18	19.18	19.19	19.30
5	QPSK	12	13	19.14	19.18	19.10	19.30
5	QPSK	25	0	19.12	19.16	19.12	19.30
5	16QAM	1	0	19.23	19.13	19.18	19.30
5	16QAM	1	12	19.17	19.26	19.13	19.30
5	16QAM	1	24	19.10	19.23	19.23	19.30
5	16QAM	12	0	19.16	19.20	19.10	19.30
5	16QAM	12	7	19.14	19.22	19.19	19.30
5	16QAM	12	13	19.07	19.10	19.23	19.30
5	16QAM	25	0	19.24	19.29	19.22	19.30
5	64QAM	1	0	19.13	19.21	19.09	19.30
5	64QAM	1	12	19.13	19.19	19.14	19.30
5	64QAM	1	24	19.17	19.13	19.18	19.30
5	64QAM	12	0	19.13	19.20	19.11	19.30
5	64QAM	12	7	19.24	19.21	19.19	19.30
5	64QAM	12	13	19.16	19.16	19.20	19.30
5	64QAM	25	0	19.16	19.17	19.11	19.30
5	256QAM	1	0	19.17	19.19	19.07	19.30
5	256QAM	1	12	19.17	19.14	18.97	19.30
5	256QAM	1	24	19.26	19.22	19.16	19.30
5	256QAM	12	0	19.01	19.23	19.13	19.30



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5	256QAM	12	7	19.08	19.09	19.12	19.30
5	256QAM	12	13	19.13	19.16	19.14	19.30
5	256QAM	25	0	19.15	19.19	19.10	19.30
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	19.25	19.16	19.25	19.30
3	QPSK	1	8	19.11	19.26	19.05	19.30
3	QPSK	1	14	19.12	19.21	19.23	19.30
3	QPSK	8	0	19.13	19.20	19.23	19.30
3	QPSK	8	4	19.18	19.20	19.19	19.30
3	QPSK	8	7	19.14	19.15	19.10	19.30
3	QPSK	15	0	19.12	19.18	19.20	19.30
3	16QAM	1	0	19.15	19.16	19.18	19.30
3	16QAM	1	8	19.14	19.19	19.13	19.30
3	16QAM	1	14	19.19	19.15	19.15	19.30
3	16QAM	8	0	19.06	19.18	19.19	19.30
3	16QAM	8	4	19.15	19.15	19.11	19.30
3	16QAM	8	7	19.12	19.14	19.23	19.30
3	16QAM	15	0	19.17	19.21	19.18	19.30
3	64QAM	1	0	19.15	19.20	19.13	19.30
3	64QAM	1	8	19.20	19.16	19.09	19.30
3	64QAM	1	14	19.17	19.20	19.15	19.30
3	64QAM	8	0	19.15	19.19	19.21	19.30
3	64QAM	8	4	19.19	19.12	19.14	19.30
3	64QAM	8	7	19.21	19.06	19.13	19.30
3	64QAM	15	0	19.22	19.14	19.13	19.30
3	256QAM	1	0	19.23	19.19	19.10	19.30
3	256QAM	1	8	19.20	19.11	19.04	19.30
3	256QAM	1	14	19.27	19.23	19.26	19.30
3	256QAM	8	0	19.05	19.11	19.09	19.30
3	256QAM	8	4	19.12	19.12	19.10	19.30
3	256QAM	8	7	19.15	19.08	19.03	19.30
3	256QAM	15	0	19.09	19.07	19.07	19.30
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.24	19.25	19.18	19.30
1.4	QPSK	1	3	19.23	19.20	19.17	19.30
1.4	QPSK	1	5	19.20	19.20	19.20	19.30
1.4	QPSK	3	0	19.11	19.12	19.14	19.30
1.4	QPSK	3	1	19.09	19.11	19.07	19.30
1.4	QPSK	3	3	19.10	19.11	19.10	19.30
1.4	QPSK	6	0	19.12	19.13	19.08	19.30
1.4	16QAM	1	0	19.22	19.20	19.19	19.30
1.4	16QAM	1	3	19.27	19.18	19.20	19.30
1.4	16QAM	1	5	19.26	19.21	19.18	19.30
1.4	16QAM	3	0	19.13	19.02	19.00	19.30
1.4	16QAM	3	1	19.00	19.11	19.05	19.30
1.4	16QAM	3	3	19.11	19.10	19.08	19.30
1.4	16QAM	6	0	19.23	19.24	19.15	19.30
1.4	64QAM	1	0	19.21	19.20	19.16	19.30
1.4	64QAM	1	3	19.19	19.18	19.18	19.30
1.4	64QAM	1	5	19.20	19.21	19.21	19.30
1.4	64QAM	3	0	19.19	19.21	19.18	19.30
1.4	64QAM	3	1	19.20	19.24	19.21	19.30
1.4	64QAM	3	3	19.17	19.16	19.20	19.30
1.4	64QAM	6	0	19.19	19.13	19.12	19.30
1.4	256QAM	1	0	19.11	19.13	19.01	19.30
1.4	256QAM	1	3	19.11	18.99	19.07	19.30
1.4	256QAM	1	5	19.13	19.16	19.06	19.30
1.4	256QAM	3	0	19.12	19.12	19.04	19.30
1.4	256QAM	3	1	19.16	19.07	19.01	19.30
1.4	256QAM	3	3	19.10	19.13	19.06	19.30
1.4	256QAM	6	0	19.03	19.02	19.00	19.30

【LTE Band 25_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.79	16.85	16.80	18.30
20	QPSK	1	49	16.84	16.85	16.78	18.30
20	QPSK	1	99	16.92	17.00	16.89	18.30
20	QPSK	50	0	16.79	16.91	16.83	18.30
20	QPSK	50	24	16.84	16.82	16.82	18.30
20	QPSK	50	50	16.91	16.99	16.90	18.30
20	QPSK	100	0	16.91	16.93	16.83	18.30
20	16QAM	1	0	16.90	16.83	16.81	18.30
20	16QAM	1	49	16.82	16.86	16.84	18.30
20	16QAM	1	99	16.91	16.93	16.88	18.30
20	16QAM	50	0	16.77	16.94	16.88	18.30
20	16QAM	50	24	16.88	16.86	16.82	18.30
20	16QAM	50	50	16.96	16.92	16.91	18.30
20	16QAM	100	0	16.89	16.90	16.87	18.30
20	64QAM	1	0	16.79	16.74	16.66	18.30
20	64QAM	1	49	16.73	16.71	16.63	18.30
20	64QAM	1	99	16.84	16.78	16.85	18.30
20	64QAM	50	0	16.87	16.99	16.91	18.30
20	64QAM	50	24	16.98	16.89	16.89	18.30
20	64QAM	50	50	17.01	16.97	16.98	18.30
20	64QAM	100	0	16.98	16.99	16.93	18.30
20	256QAM	1	0	16.99	17.02	17.01	18.30
20	256QAM	1	49	16.99	17.05	17.04	18.30
20	256QAM	1	99	17.07	17.06	17.06	18.30
20	256QAM	50	0	16.87	16.98	16.92	18.30
20	256QAM	50	24	16.98	16.93	16.90	18.30
20	256QAM	50	50	16.97	16.97	16.97	18.30
20	256QAM	100	0	17.01	16.97	16.90	18.30
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.73	16.70	16.65	18.30
15	QPSK	1	37	16.78	16.70	16.75	18.30
15	QPSK	1	74	16.79	16.84	16.78	18.30
15	QPSK	36	0	16.69	16.85	16.72	18.30
15	QPSK	36	20	16.73	16.70	16.68	18.30
15	QPSK	36	39	16.79	16.84	16.80	18.30
15	QPSK	75	0	16.77	16.84	16.77	18.30
15	16QAM	1	0	16.79	16.85	16.79	18.30
15	16QAM	1	37	16.78	16.84	16.78	18.30
15	16QAM	1	74	16.79	16.84	16.80	18.30
15	16QAM	36	0	16.69	16.84	16.79	18.30
15	16QAM	36	20	16.79	16.83	16.79	18.30
15	16QAM	36	39	16.78	16.84	16.79	18.30
15	16QAM	75	0	16.78	16.84	16.79	18.30
15	64QAM	1	0	16.78	16.85	16.80	18.30
15	64QAM	1	37	16.78	16.85	16.80	18.30
15	64QAM	1	74	16.79	16.85	16.80	18.30
15	64QAM	36	0	16.79	16.85	16.80	18.30
15	64QAM	36	20	16.78	16.80	16.78	18.30
15	64QAM	36	39	16.79	16.84	16.79	18.30
15	64QAM	75	0	16.79	16.85	16.79	18.30
15	256QAM	1	0	16.79	16.84	16.80	18.30
15	256QAM	1	37	16.79	16.85	16.80	18.30
15	256QAM	1	74	16.78	16.85	16.79	18.30
15	256QAM	36	0	16.78	16.83	16.80	18.30
15	256QAM	36	20	16.79	16.85	16.78	18.30
15	256QAM	36	39	16.78	16.84	16.79	18.30
15	256QAM	75	0	16.78	16.84	16.79	18.30
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	16.72	16.83	16.77	18.30
10	QPSK	1	25	16.72	16.83	16.72	18.30
10	QPSK	1	49	16.79	16.81	16.79	18.30
10	QPSK	25	0	16.65	16.84	16.80	18.30



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10	QPSK	25	12	16.79	16.76	16.69	18.30
10	QPSK	25	25	16.79	16.83	16.80	18.30
10	QPSK	50	0	16.78	16.84	16.72	18.30
10	16QAM	1	0	16.79	16.85	16.79	18.30
10	16QAM	1	25	16.77	16.85	16.80	18.30
10	16QAM	1	49	16.78	16.83	16.80	18.30
10	16QAM	25	0	16.70	16.85	16.80	18.30
10	16QAM	25	12	16.79	16.81	16.80	18.30
10	16QAM	25	25	16.79	16.84	16.80	18.30
10	16QAM	50	0	16.79	16.83	16.79	18.30
10	64QAM	1	0	16.79	16.84	16.79	18.30
10	64QAM	1	25	16.79	16.84	16.78	18.30
10	64QAM	1	49	16.79	16.84	16.80	18.30
10	64QAM	25	0	16.72	16.84	16.79	18.30
10	64QAM	25	12	16.78	16.80	16.76	18.30
10	64QAM	25	25	16.77	16.84	16.80	18.30
10	64QAM	50	0	16.79	16.84	16.79	18.30
10	256QAM	1	0	16.79	16.85	16.80	18.30
10	256QAM	1	25	16.78	16.85	16.80	18.30
10	256QAM	1	49	16.79	16.85	16.78	18.30
10	256QAM	25	0	16.78	16.85	16.80	18.30
10	256QAM	25	12	16.79	16.81	16.78	18.30
10	256QAM	25	25	16.79	16.84	16.79	18.30
10	256QAM	50	0	16.79	16.84	16.76	18.30
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	16.78	16.84	16.69	18.30
5	QPSK	1	12	16.74	16.83	16.65	18.30
5	QPSK	1	24	16.79	16.85	16.80	18.30
5	QPSK	12	0	16.76	16.85	16.79	18.30
5	QPSK	12	7	16.75	16.67	16.77	18.30
5	QPSK	12	13	16.77	16.84	16.79	18.30
5	QPSK	25	0	16.79	16.85	16.73	18.30
5	16QAM	1	0	16.78	16.85	16.78	18.30
5	16QAM	1	12	16.79	16.84	16.80	18.30
5	16QAM	1	24	16.79	16.84	16.80	18.30
5	16QAM	12	0	16.72	16.81	16.77	18.30
5	16QAM	12	7	16.78	16.81	16.73	18.30
5	16QAM	12	13	16.79	16.85	16.80	18.30
5	16QAM	25	0	16.79	16.80	16.80	18.30
5	64QAM	1	0	16.77	16.85	16.79	18.30
5	64QAM	1	12	16.79	16.84	16.78	18.30
5	64QAM	1	24	16.78	16.85	16.80	18.30
5	64QAM	12	0	16.77	16.83	16.78	18.30
5	64QAM	12	7	16.79	16.82	16.74	18.30
5	64QAM	12	13	16.78	16.85	16.80	18.30
5	64QAM	25	0	16.79	16.85	16.80	18.30
5	256QAM	1	0	16.79	16.85	16.80	18.30
5	256QAM	1	12	16.78	16.83	16.78	18.30
5	256QAM	1	24	16.79	16.85	16.80	18.30
5	256QAM	12	0	16.78	16.85	16.80	18.30
5	256QAM	12	7	16.79	16.84	16.80	18.30
5	256QAM	12	13	16.79	16.85	16.78	18.30
5	256QAM	25	0	16.79	16.84	16.78	18.30
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	16.69	16.78	16.78	18.30
3	QPSK	1	8	16.78	16.81	16.71	18.30
3	QPSK	1	14	16.79	16.82	16.76	18.30
3	QPSK	8	0	16.74	16.83	16.78	18.30
3	QPSK	8	4	16.79	16.71	16.80	18.30
3	QPSK	8	7	16.77	16.83	16.80	18.30
3	QPSK	15	0	16.79	16.85	16.77	18.30
3	16QAM	1	0	16.79	16.84	16.79	18.30
3	16QAM	1	8	16.79	16.85	16.79	18.30
3	16QAM	1	14	16.79	16.84	16.80	18.30
3	16QAM	8	0	16.67	16.84	16.79	18.30
3	16QAM	8	4	16.79	16.73	16.75	18.30
3	16QAM	8	7	16.78	16.85	16.80	18.30
3	16QAM	15	0	16.74	16.80	16.80	18.30
3	64QAM	1	0	16.78	16.85	16.79	18.30
3	64QAM	1	8	16.78	16.85	16.80	18.30
3	64QAM	1	14	16.79	16.85	16.80	18.30
3	64QAM	8	0	16.75	16.84	16.79	18.30
3	64QAM	8	4	16.79	16.82	16.78	18.30
3	64QAM	8	7	16.77	16.85	16.79	18.30
3	64QAM	15	0	16.78	16.84	16.79	18.30
3	256QAM	1	0	16.77	16.85	16.80	18.30



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3	256QAM	1	8	16.79	16.85	16.79	18.30
3	256QAM	1	14	16.79	16.84	16.79	18.30
3	256QAM	8	0	16.79	16.85	16.80	18.30
3	256QAM	8	4	16.79	16.84	16.79	18.30
3	256QAM	8	7	16.79	16.85	16.79	18.30
3	256QAM	15	0	16.79	16.85	16.80	18.30
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	16.71	16.78	16.76	18.30
1.4	QPSK	1	3	16.77	16.80	16.76	18.30
1.4	QPSK	1	5	16.78	16.85	16.74	18.30
1.4	QPSK	3	0	16.70	16.82	16.76	18.30
1.4	QPSK	3	1	16.79	16.78	16.80	18.30
1.4	QPSK	3	3	16.79	16.85	16.80	18.30
1.4	QPSK	6	0	16.76	16.80	16.80	18.30
1.4	16QAM	1	0	16.79	16.84	16.78	18.30
1.4	16QAM	1	3	16.77	16.83	16.79	18.30
1.4	16QAM	1	5	16.77	16.83	16.79	18.30
1.4	16QAM	3	0	16.73	16.84	16.80	18.30
1.4	16QAM	3	1	16.77	16.81	16.68	18.30
1.4	16QAM	3	3	16.79	16.79	16.80	18.30
1.4	16QAM	6	0	16.78	16.85	16.79	18.30
1.4	64QAM	1	0	16.79	16.85	16.80	18.30
1.4	64QAM	1	3	16.79	16.85	16.79	18.30
1.4	64QAM	1	5	16.78	16.85	16.78	18.30
1.4	64QAM	3	0	16.78	16.84	16.80	18.30
1.4	64QAM	3	1	16.79	16.84	16.74	18.30
1.4	64QAM	3	3	16.79	16.84	16.78	18.30
1.4	64QAM	6	0	16.78	16.85	16.80	18.30
1.4	256QAM	1	0	16.79	16.84	16.80	18.30
1.4	256QAM	1	3	16.79	16.85	16.79	18.30
1.4	256QAM	1	5	16.79	16.85	16.79	18.30
1.4	256QAM	3	0	16.72	16.84	16.80	18.30
1.4	256QAM	3	1	16.79	16.78	16.80	18.30
1.4	256QAM	3	3	16.78	16.83	16.78	18.30
1.4	256QAM	6	0	16.79	16.85	16.80	18.30

【LTE Band 25_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.79	16.85	16.80	17.10
20	QPSK	1	49	16.84	16.85	16.78	17.10
20	QPSK	1	99	16.92	17.00	16.89	17.10
20	QPSK	50	0	16.79	16.91	16.83	17.10
20	QPSK	50	24	16.84	16.82	16.82	17.10
20	QPSK	50	50	16.91	16.99	16.90	17.10
20	QPSK	100	0	16.91	16.93	16.83	17.10
20	16QAM	1	0	16.90	16.83	16.81	17.10
20	16QAM	1	49	16.82	16.86	16.84	17.10
20	16QAM	1	99	16.91	16.93	16.88	17.10
20	16QAM	50	0	16.77	16.94	16.88	17.10
20	16QAM	50	24	16.88	16.86	16.82	17.10
20	16QAM	50	50	16.96	16.92	16.91	17.10
20	16QAM	100	0	16.89	16.90	16.87	17.10
20	64QAM	1	0	16.79	16.74	16.66	17.10
20	64QAM	1	49	16.73	16.71	16.63	17.10
20	64QAM	1	99	16.84	16.78	16.85	17.10
20	64QAM	50	0	16.87	16.99	16.91	17.10
20	64QAM	50	24	16.98	16.89	16.89	17.10
20	64QAM	50	50	17.01	16.97	16.98	17.10
20	64QAM	100	0	16.98	16.99	16.93	17.10
20	256QAM	1	0	16.99	17.02	17.01	17.10
20	256QAM	1	49	16.99	17.05	17.04	17.10
20	256QAM	1	99	17.07	17.06	17.06	17.10
20	256QAM	50	0	16.87	16.98	16.92	17.10
20	256QAM	50	24	16.98	16.93	16.90	17.10
20	256QAM	50	50	16.97	16.97	16.97	17.10
20	256QAM	100	0	17.01	16.97	16.90	17.10
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.73	16.70	16.65	17.10
15	QPSK	1	37	16.78	16.70	16.75	17.10
15	QPSK	1	74	16.79	16.84	16.78	17.10
15	QPSK	36	0	16.69	16.85	16.72	17.10
15	QPSK	36	20	16.73	16.70	16.68	17.10
15	QPSK	36	39	16.79	16.84	16.80	17.10
15	QPSK	75	0	16.77	16.84	16.77	17.10
15	16QAM	1	0	16.79	16.85	16.79	17.10
15	16QAM	1	37	16.78	16.84	16.78	17.10
15	16QAM	1	74	16.79	16.84	16.80	17.10
15	16QAM	36	0	16.69	16.84	16.79	17.10
15	16QAM	36	20	16.79	16.83	16.79	17.10
15	16QAM	36	39	16.78	16.84	16.79	17.10
15	16QAM	75	0	16.78	16.84	16.79	17.10
15	64QAM	1	0	16.78	16.85	16.80	17.10
15	64QAM	1	37	16.78	16.85	16.80	17.10
15	64QAM	1	74	16.79	16.85	16.80	17.10
15	64QAM	36	0	16.79	16.85	16.80	17.10
15	64QAM	36	20	16.78	16.80	16.78	17.10
15	64QAM	36	39	16.79	16.84	16.79	17.10
15	64QAM	75	0	16.79	16.85	16.79	17.10
15	256QAM	1	0	16.79	16.84	16.80	17.10
15	256QAM	1	37	16.79	16.85	16.80	17.10
15	256QAM	1	74	16.78	16.85	16.79	17.10
15	256QAM	36	0	16.78	16.83	16.80	17.10
15	256QAM	36	20	16.79	16.85	16.78	17.10
15	256QAM	36	39	16.78	16.84	16.79	17.10
15	256QAM	75	0	16.78	16.84	16.79	17.10
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	16.72	16.83	16.77	17.10
10	QPSK	1	25	16.72	16.83	16.72	17.10
10	QPSK	1	49	16.79	16.81	16.79	17.10
10	QPSK	25	0	16.65	16.84	16.80	17.10
10	QPSK	25	12	16.79	16.76	16.69	17.10
10	QPSK	25	25	16.79	16.83	16.80	17.10
10	QPSK	50	0	16.78	16.84	16.72	17.10
10	16QAM	1	0	16.79	16.85	16.79	17.10
10	16QAM	1	25	16.77	16.85	16.80	17.10



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10	16QAM	1	49	16.78	16.83	16.80	17.10
10	16QAM	25	0	16.70	16.85	16.80	17.10
10	16QAM	25	12	16.79	16.81	16.80	17.10
10	16QAM	25	25	16.79	16.84	16.80	17.10
10	16QAM	50	0	16.79	16.83	16.79	17.10
10	64QAM	1	0	16.79	16.84	16.79	17.10
10	64QAM	1	25	16.79	16.84	16.78	17.10
10	64QAM	1	49	16.79	16.84	16.80	17.10
10	64QAM	25	0	16.72	16.84	16.79	17.10
10	64QAM	25	12	16.78	16.80	16.76	17.10
10	64QAM	25	25	16.77	16.84	16.80	17.10
10	64QAM	50	0	16.79	16.84	16.79	17.10
10	256QAM	1	0	16.79	16.85	16.80	17.10
10	256QAM	1	25	16.78	16.85	16.80	17.10
10	256QAM	1	49	16.79	16.85	16.78	17.10
10	256QAM	25	0	16.78	16.85	16.80	17.10
10	256QAM	25	12	16.79	16.81	16.78	17.10
10	256QAM	25	25	16.79	16.84	16.79	17.10
10	256QAM	50	0	16.79	16.84	16.76	17.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	16.78	16.84	16.69	17.10
5	QPSK	1	12	16.74	16.83	16.65	17.10
5	QPSK	1	24	16.79	16.85	16.80	17.10
5	QPSK	12	0	16.76	16.85	16.79	17.10
5	QPSK	12	7	16.75	16.67	16.77	17.10
5	QPSK	12	13	16.77	16.84	16.79	17.10
5	QPSK	25	0	16.79	16.85	16.73	17.10
5	16QAM	1	0	16.78	16.85	16.78	17.10
5	16QAM	1	12	16.79	16.84	16.80	17.10
5	16QAM	1	24	16.79	16.84	16.80	17.10
5	16QAM	12	0	16.72	16.81	16.77	17.10
5	16QAM	12	7	16.78	16.81	16.73	17.10
5	16QAM	12	13	16.79	16.85	16.80	17.10
5	16QAM	25	0	16.79	16.80	16.80	17.10
5	64QAM	1	0	16.77	16.85	16.79	17.10
5	64QAM	1	12	16.79	16.84	16.78	17.10
5	64QAM	1	24	16.78	16.85	16.80	17.10
5	64QAM	12	0	16.77	16.83	16.78	17.10
5	64QAM	12	7	16.79	16.82	16.74	17.10
5	64QAM	12	13	16.78	16.85	16.80	17.10
5	64QAM	25	0	16.79	16.85	16.80	17.10
5	256QAM	1	0	16.79	16.85	16.80	17.10
5	256QAM	1	12	16.78	16.83	16.78	17.10
5	256QAM	1	24	16.79	16.85	16.80	17.10
5	256QAM	12	0	16.78	16.85	16.80	17.10
5	256QAM	12	7	16.79	16.84	16.80	17.10
5	256QAM	12	13	16.79	16.85	16.78	17.10
5	256QAM	25	0	16.79	16.84	16.78	17.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	16.69	16.78	16.78	17.10
3	QPSK	1	8	16.78	16.81	16.71	17.10
3	QPSK	1	14	16.79	16.82	16.76	17.10
3	QPSK	8	0	16.74	16.83	16.78	17.10
3	QPSK	8	4	16.79	16.71	16.80	17.10
3	QPSK	8	7	16.77	16.83	16.80	17.10
3	QPSK	15	0	16.79	16.85	16.77	17.10
3	16QAM	1	0	16.79	16.84	16.79	17.10
3	16QAM	1	8	16.79	16.85	16.79	17.10
3	16QAM	1	14	16.79	16.84	16.80	17.10
3	16QAM	8	0	16.67	16.84	16.79	17.10
3	16QAM	8	4	16.79	16.73	16.75	17.10
3	16QAM	8	7	16.78	16.85	16.80	17.10
3	16QAM	15	0	16.74	16.80	16.80	17.10
3	64QAM	1	0	16.78	16.85	16.79	17.10
3	64QAM	1	8	16.78	16.85	16.80	17.10
3	64QAM	1	14	16.79	16.85	16.80	17.10
3	64QAM	8	0	16.75	16.84	16.79	17.10
3	64QAM	8	4	16.79	16.82	16.78	17.10
3	64QAM	8	7	16.77	16.85	16.79	17.10
3	64QAM	15	0	16.78	16.84	16.79	17.10
3	256QAM	1	0	16.77	16.85	16.80	17.10
3	256QAM	1	8	16.79	16.85	16.79	17.10
3	256QAM	1	14	16.79	16.84	16.79	17.10
3	256QAM	8	0	16.79	16.85	16.80	17.10
3	256QAM	8	4	16.79	16.84	16.79	17.10
3	256QAM	8	7	16.79	16.85	16.79	17.10

3	256QAM	15	0	16.79	16.85	16.80	17.10
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	16.71	16.78	16.76	17.10
1.4	QPSK	1	3	16.77	16.80	16.76	17.10
1.4	QPSK	1	5	16.78	16.85	16.74	17.10
1.4	QPSK	3	0	16.70	16.82	16.76	17.10
1.4	QPSK	3	1	16.79	16.78	16.80	17.10
1.4	QPSK	3	3	16.79	16.85	16.80	17.10
1.4	QPSK	6	0	16.76	16.80	16.80	17.10
1.4	16QAM	1	0	16.79	16.84	16.78	17.10
1.4	16QAM	1	3	16.77	16.83	16.79	17.10
1.4	16QAM	1	5	16.77	16.83	16.79	17.10
1.4	16QAM	3	0	16.73	16.84	16.80	17.10
1.4	16QAM	3	1	16.77	16.81	16.68	17.10
1.4	16QAM	3	3	16.79	16.79	16.80	17.10
1.4	16QAM	6	0	16.78	16.85	16.79	17.10
1.4	64QAM	1	0	16.79	16.85	16.80	17.10
1.4	64QAM	1	3	16.79	16.85	16.79	17.10
1.4	64QAM	1	5	16.78	16.85	16.78	17.10
1.4	64QAM	3	0	16.78	16.84	16.80	17.10
1.4	64QAM	3	1	16.79	16.84	16.74	17.10
1.4	64QAM	3	3	16.79	16.84	16.78	17.10
1.4	64QAM	6	0	16.78	16.85	16.80	17.10
1.4	256QAM	1	0	16.79	16.84	16.80	17.10
1.4	256QAM	1	3	16.79	16.85	16.79	17.10
1.4	256QAM	1	5	16.79	16.85	16.79	17.10
1.4	256QAM	3	0	16.72	16.84	16.80	17.10
1.4	256QAM	3	1	16.79	16.78	16.80	17.10
1.4	256QAM	3	3	16.78	16.83	16.78	17.10
1.4	256QAM	6	0	16.79	16.85	16.80	17.10

【LTE Band 25_Ant 5_ECI 4】

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	17.34	17.40	17.31	18.70
20	QPSK	1	49	17.34	17.33	17.25	18.70
20	QPSK	1	99	17.33	17.40	17.30	18.70
20	QPSK	50	0	17.31	17.36	17.31	18.70
20	QPSK	50	24	17.30	17.26	17.25	18.70
20	QPSK	50	50	17.30	17.35	17.30	18.70
20	QPSK	100	0	17.32	17.28	17.29	18.70
20	16QAM	1	0	17.31	17.32	17.28	18.70
20	16QAM	1	49	17.31	17.33	17.31	18.70
20	16QAM	1	99	17.34	17.37	17.38	18.70
20	16QAM	50	0	17.20	17.28	17.24	18.70
20	16QAM	50	24	17.22	17.18	17.15	18.70
20	16QAM	50	50	17.31	17.26	17.25	18.70
20	16QAM	100	0	17.30	17.24	17.17	18.70
20	64QAM	1	0	17.35	17.29	17.37	18.70
20	64QAM	1	49	17.31	17.33	17.31	18.70
20	64QAM	1	99	17.37	17.36	17.40	18.70
20	64QAM	50	0	17.24	17.31	17.26	18.70
20	64QAM	50	24	17.27	17.25	17.20	18.70
20	64QAM	50	50	17.36	17.31	17.31	18.70
20	64QAM	100	0	17.37	17.31	17.26	18.70
20	256QAM	1	0	17.38	17.38	17.38	18.70
20	256QAM	1	49	17.40	17.40	17.27	18.70
20	256QAM	1	99	17.33	17.31	17.33	18.70
20	256QAM	50	0	17.17	17.31	17.27	18.70
20	256QAM	50	24	17.28	17.26	17.22	18.70
20	256QAM	50	50	17.32	17.31	17.32	18.70
20	256QAM	100	0	17.36	17.29	17.26	18.70
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.29	17.34	17.22	18.70
15	QPSK	1	37	17.20	17.24	17.23	18.70
15	QPSK	1	74	17.19	17.31	17.16	18.70
15	QPSK	36	0	17.23	17.24	17.22	18.70
15	QPSK	36	20	17.26	17.18	17.18	18.70
15	QPSK	36	39	17.19	17.33	17.26	18.70



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15	QPSK	75	0	17.26	17.16	17.27	18.70
15	16QAM	1	0	17.29	17.29	17.35	18.70
15	16QAM	1	37	17.30	17.40	17.34	18.70
15	16QAM	1	74	17.35	17.35	17.40	18.70
15	16QAM	36	0	17.15	17.27	17.17	18.70
15	16QAM	36	20	17.17	17.04	17.11	18.70
15	16QAM	36	39	17.17	17.16	17.15	18.70
15	16QAM	75	0	17.21	17.19	17.05	18.70
15	64QAM	1	0	17.37	17.40	17.28	18.70
15	64QAM	1	37	17.30	17.20	17.37	18.70
15	64QAM	1	74	17.34	17.39	17.39	18.70
15	64QAM	36	0	17.22	17.16	17.14	18.70
15	64QAM	36	20	17.25	17.18	17.14	18.70
15	64QAM	36	39	17.22	17.25	17.28	18.70
15	64QAM	75	0	17.25	17.27	17.16	18.70
15	256QAM	1	0	17.30	17.35	17.34	18.70
15	256QAM	1	37	17.28	17.26	17.13	18.70
15	256QAM	1	74	17.39	17.29	17.39	18.70
15	256QAM	36	0	17.26	17.35	17.29	18.70
15	256QAM	36	20	17.27	17.25	17.25	18.70
15	256QAM	36	39	17.29	17.36	17.27	18.70
15	256QAM	75	0	17.34	17.28	17.23	18.70
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	17.31	17.27	17.22	18.70
10	QPSK	1	25	17.30	17.23	17.18	18.70
10	QPSK	1	49	17.26	17.30	17.22	18.70
10	QPSK	25	0	17.20	17.22	17.19	18.70
10	QPSK	25	12	17.28	17.13	17.19	18.70
10	QPSK	25	25	17.19	17.28	17.22	18.70
10	QPSK	50	0	17.18	17.24	17.27	18.70
10	16QAM	1	0	17.34	17.38	17.39	18.70
10	16QAM	1	25	17.31	17.37	17.29	18.70
10	16QAM	1	49	17.37	17.36	17.31	18.70
10	16QAM	25	0	17.12	17.26	17.15	18.70
10	16QAM	25	12	17.19	17.16	17.12	18.70
10	16QAM	25	25	17.23	17.15	17.10	18.70
10	16QAM	50	0	17.23	17.20	17.16	18.70
10	64QAM	1	0	17.28	17.40	17.29	18.70
10	64QAM	1	25	17.31	17.24	17.29	18.70
10	64QAM	1	49	17.35	17.31	17.37	18.70
10	64QAM	25	0	17.21	17.25	17.15	18.70
10	64QAM	25	12	17.23	17.13	17.18	18.70
10	64QAM	25	25	17.24	17.23	17.22	18.70
10	64QAM	50	0	17.23	17.18	17.13	18.70
10	256QAM	1	0	17.35	17.27	17.35	18.70
10	256QAM	1	25	17.38	17.32	17.15	18.70
10	256QAM	1	49	17.32	17.38	17.35	18.70
10	256QAM	25	0	17.16	17.26	17.36	18.70
10	256QAM	25	12	17.23	17.24	17.20	18.70
10	256QAM	25	25	17.27	17.39	17.30	18.70
10	256QAM	50	0	17.31	17.32	17.26	18.70
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.21	17.30	17.25	18.70
5	QPSK	1	12	17.23	17.21	17.12	18.70
5	QPSK	1	24	17.23	17.27	17.26	18.70
5	QPSK	12	0	17.28	17.34	17.21	18.70
5	QPSK	12	7	17.24	17.16	17.22	18.70
5	QPSK	12	13	17.27	17.29	17.24	18.70
5	QPSK	25	0	17.25	17.14	17.16	18.70
5	16QAM	1	0	17.30	17.38	17.34	18.70
5	16QAM	1	12	17.40	17.34	17.29	18.70
5	16QAM	1	24	17.36	17.40	17.30	18.70
5	16QAM	12	0	17.14	17.24	17.16	18.70
5	16QAM	12	7	17.20	17.14	17.13	18.70
5	16QAM	12	13	17.26	17.11	17.19	18.70
5	16QAM	25	0	17.21	17.12	17.09	18.70
5	64QAM	1	0	17.35	17.39	17.27	18.70
5	64QAM	1	12	17.34	17.28	17.38	18.70
5	64QAM	1	24	17.39	17.37	17.35	18.70
5	64QAM	12	0	17.17	17.20	17.17	18.70
5	64QAM	12	7	17.19	17.13	17.06	18.70
5	64QAM	12	13	17.30	17.30	17.19	18.70
5	64QAM	25	0	17.34	17.17	17.25	18.70
5	256QAM	1	0	17.36	17.33	17.24	18.70
5	256QAM	1	12	17.26	17.34	17.20	18.70
5	256QAM	1	24	17.37	17.29	17.39	18.70



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5	256QAM	12	0	17.22	17.30	17.23	18.70
5	256QAM	12	7	17.24	17.31	17.28	18.70
5	256QAM	12	13	17.40	17.31	17.29	18.70
5	256QAM	25	0	17.32	17.34	17.31	18.70
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.25	17.33	17.25	18.70
3	QPSK	1	8	17.19	17.24	17.11	18.70
3	QPSK	1	14	17.31	17.36	17.20	18.70
3	QPSK	8	0	17.22	17.30	17.25	18.70
3	QPSK	8	4	17.21	17.16	17.19	18.70
3	QPSK	8	7	17.20	17.32	17.16	18.70
3	QPSK	15	0	17.19	17.22	17.25	18.70
3	16QAM	1	0	17.34	17.39	17.29	18.70
3	16QAM	1	8	17.31	17.39	17.28	18.70
3	16QAM	1	14	17.38	17.33	17.31	18.70
3	16QAM	8	0	17.18	17.17	17.11	18.70
3	16QAM	8	4	17.14	17.03	17.08	18.70
3	16QAM	8	7	17.26	17.18	17.16	18.70
3	16QAM	15	0	17.17	17.09	17.04	18.70
3	64QAM	1	0	17.33	17.30	17.30	18.70
3	64QAM	1	8	17.37	17.19	17.34	18.70
3	64QAM	1	14	17.30	17.34	17.28	18.70
3	64QAM	8	0	17.22	17.29	17.13	18.70
3	64QAM	8	4	17.24	17.19	17.13	18.70
3	64QAM	8	7	17.27	17.24	17.23	18.70
3	64QAM	15	0	17.31	17.21	17.23	18.70
3	256QAM	1	0	17.34	17.35	17.32	18.70
3	256QAM	1	8	17.34	17.28	17.24	18.70
3	256QAM	1	14	17.39	17.28	17.39	18.70
3	256QAM	8	0	17.25	17.31	17.34	18.70
3	256QAM	8	4	17.34	17.34	17.30	18.70
3	256QAM	8	7	17.39	17.29	17.33	18.70
3	256QAM	15	0	17.36	17.26	17.24	18.70
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	17.23	17.33	17.23	18.70
1.4	QPSK	1	3	17.33	17.28	17.20	18.70
1.4	QPSK	1	5	17.31	17.29	17.17	18.70
1.4	QPSK	3	0	17.18	17.22	17.28	18.70
1.4	QPSK	3	1	17.24	17.21	17.17	18.70
1.4	QPSK	3	3	17.25	17.27	17.19	18.70
1.4	QPSK	6	0	17.30	17.18	17.16	18.70
1.4	16QAM	1	0	17.34	17.29	17.33	18.70
1.4	16QAM	1	3	17.30	17.28	17.31	18.70
1.4	16QAM	1	5	17.37	17.32	17.32	18.70
1.4	16QAM	3	0	17.07	17.16	17.12	18.70
1.4	16QAM	3	1	17.12	17.10	17.04	18.70
1.4	16QAM	3	3	17.16	17.21	17.15	18.70
1.4	16QAM	6	0	17.16	17.09	17.13	18.70
1.4	64QAM	1	0	17.37	17.30	17.25	18.70
1.4	64QAM	1	3	17.37	17.21	17.30	18.70
1.4	64QAM	1	5	17.33	17.28	17.32	18.70
1.4	64QAM	3	0	17.23	17.18	17.16	18.70
1.4	64QAM	3	1	17.22	17.18	17.16	18.70
1.4	64QAM	3	3	17.29	17.29	17.30	18.70
1.4	64QAM	6	0	17.25	17.23	17.11	18.70
1.4	256QAM	1	0	17.40	17.30	17.27	18.70
1.4	256QAM	1	3	17.29	17.27	17.17	18.70
1.4	256QAM	1	5	17.36	17.34	17.35	18.70
1.4	256QAM	3	0	17.14	17.32	17.28	18.70
1.4	256QAM	3	1	17.34	17.24	17.23	18.70
1.4	256QAM	3	3	17.37	17.37	17.33	18.70
1.4	256QAM	6	0	17.32	17.27	17.32	18.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.34	17.40	17.31	17.40
20	QPSK	1	49	17.34	17.33	17.25	17.40
20	QPSK	1	99	17.33	17.40	17.30	17.40
20	QPSK	50	0	17.31	17.36	17.31	17.40
20	QPSK	50	24	17.30	17.26	17.25	17.40
20	QPSK	50	50	17.30	17.35	17.30	17.40
20	QPSK	100	0	17.32	17.28	17.29	17.40
20	16QAM	1	0	17.31	17.32	17.28	17.40
20	16QAM	1	49	17.31	17.33	17.31	17.40
20	16QAM	1	99	17.34	17.37	17.38	17.40
20	16QAM	50	0	17.20	17.28	17.24	17.40
20	16QAM	50	24	17.22	17.18	17.15	17.40
20	16QAM	50	50	17.31	17.26	17.25	17.40
20	16QAM	100	0	17.30	17.24	17.17	17.40
20	64QAM	1	0	17.35	17.29	17.37	17.40
20	64QAM	1	49	17.31	17.33	17.31	17.40
20	64QAM	1	99	17.37	17.36	17.40	17.40
20	64QAM	50	0	17.24	17.31	17.26	17.40
20	64QAM	50	24	17.27	17.25	17.20	17.40
20	64QAM	50	50	17.36	17.31	17.31	17.40
20	64QAM	100	0	17.37	17.31	17.26	17.40
20	256QAM	1	0	17.38	17.38	17.38	17.40
20	256QAM	1	49	17.40	17.40	17.27	17.40
20	256QAM	1	99	17.33	17.31	17.33	17.40
20	256QAM	50	0	17.17	17.31	17.27	17.40
20	256QAM	50	24	17.28	17.26	17.22	17.40
20	256QAM	50	50	17.32	17.31	17.32	17.40
20	256QAM	100	0	17.36	17.29	17.26	17.40
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.29	17.34	17.22	17.40
15	QPSK	1	37	17.20	17.24	17.23	17.40
15	QPSK	1	74	17.19	17.31	17.16	17.40
15	QPSK	36	0	17.23	17.24	17.22	17.40
15	QPSK	36	20	17.26	17.18	17.18	17.40
15	QPSK	36	39	17.19	17.33	17.26	17.40
15	QPSK	75	0	17.26	17.16	17.27	17.40
15	16QAM	1	0	17.29	17.29	17.35	17.40
15	16QAM	1	37	17.30	17.40	17.34	17.40
15	16QAM	1	74	17.35	17.35	17.40	17.40
15	16QAM	36	0	17.15	17.27	17.17	17.40
15	16QAM	36	20	17.17	17.04	17.11	17.40
15	16QAM	36	39	17.17	17.16	17.15	17.40
15	16QAM	75	0	17.21	17.19	17.05	17.40
15	64QAM	1	0	17.37	17.40	17.28	17.40
15	64QAM	1	37	17.30	17.20	17.37	17.40
15	64QAM	1	74	17.34	17.39	17.39	17.40
15	64QAM	36	0	17.22	17.16	17.14	17.40
15	64QAM	36	20	17.25	17.18	17.14	17.40
15	64QAM	36	39	17.22	17.25	17.28	17.40
15	64QAM	75	0	17.25	17.27	17.16	17.40
15	256QAM	1	0	17.30	17.35	17.34	17.40
15	256QAM	1	37	17.28	17.26	17.13	17.40
15	256QAM	1	74	17.39	17.29	17.39	17.40
15	256QAM	36	0	17.26	17.35	17.29	17.40
15	256QAM	36	20	17.27	17.25	17.25	17.40
15	256QAM	36	39	17.29	17.36	17.27	17.40
15	256QAM	75	0	17.34	17.28	17.23	17.40
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.31	17.27	17.22	17.40
10	QPSK	1	25	17.30	17.23	17.18	17.40
10	QPSK	1	49	17.26	17.30	17.22	17.40
10	QPSK	25	0	17.20	17.22	17.19	17.40
10	QPSK	25	12	17.28	17.13	17.19	17.40
10	QPSK	25	25	17.19	17.28	17.22	17.40
10	QPSK	50	0	17.18	17.24	17.27	17.40
10	16QAM	1	0	17.34	17.38	17.39	17.40
10	16QAM	1	25	17.31	17.37	17.29	17.40



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10	16QAM	1	49	17.37	17.36	17.31	17.40
10	16QAM	25	0	17.12	17.26	17.15	17.40
10	16QAM	25	12	17.19	17.16	17.12	17.40
10	16QAM	25	25	17.23	17.15	17.10	17.40
10	16QAM	50	0	17.23	17.20	17.16	17.40
10	64QAM	1	0	17.28	17.40	17.29	17.40
10	64QAM	1	25	17.31	17.24	17.29	17.40
10	64QAM	1	49	17.35	17.31	17.37	17.40
10	64QAM	25	0	17.21	17.25	17.15	17.40
10	64QAM	25	12	17.23	17.13	17.18	17.40
10	64QAM	25	25	17.24	17.23	17.22	17.40
10	64QAM	50	0	17.23	17.18	17.13	17.40
10	256QAM	1	0	17.35	17.27	17.35	17.40
10	256QAM	1	25	17.38	17.32	17.15	17.40
10	256QAM	1	49	17.32	17.38	17.35	17.40
10	256QAM	25	0	17.16	17.26	17.36	17.40
10	256QAM	25	12	17.23	17.24	17.20	17.40
10	256QAM	25	25	17.27	17.39	17.30	17.40
10	256QAM	50	0	17.31	17.32	17.26	17.40
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.21	17.30	17.25	17.40
5	QPSK	1	12	17.23	17.21	17.12	17.40
5	QPSK	1	24	17.23	17.27	17.26	17.40
5	QPSK	12	0	17.28	17.34	17.21	17.40
5	QPSK	12	7	17.24	17.16	17.22	17.40
5	QPSK	12	13	17.27	17.29	17.24	17.40
5	QPSK	25	0	17.25	17.14	17.16	17.40
5	16QAM	1	0	17.30	17.38	17.34	17.40
5	16QAM	1	12	17.40	17.34	17.29	17.40
5	16QAM	1	24	17.36	17.40	17.30	17.40
5	16QAM	12	0	17.14	17.24	17.16	17.40
5	16QAM	12	7	17.20	17.14	17.13	17.40
5	16QAM	12	13	17.26	17.11	17.19	17.40
5	16QAM	25	0	17.21	17.12	17.09	17.40
5	64QAM	1	0	17.35	17.39	17.27	17.40
5	64QAM	1	12	17.34	17.28	17.38	17.40
5	64QAM	1	24	17.39	17.37	17.35	17.40
5	64QAM	12	0	17.17	17.20	17.17	17.40
5	64QAM	12	7	17.19	17.13	17.06	17.40
5	64QAM	12	13	17.30	17.30	17.19	17.40
5	64QAM	25	0	17.34	17.17	17.25	17.40
5	256QAM	1	0	17.36	17.33	17.24	17.40
5	256QAM	1	12	17.26	17.34	17.20	17.40
5	256QAM	1	24	17.37	17.29	17.39	17.40
5	256QAM	12	0	17.22	17.30	17.23	17.40
5	256QAM	12	7	17.24	17.31	17.28	17.40
5	256QAM	12	13	17.40	17.31	17.29	17.40
5	256QAM	25	0	17.32	17.34	17.31	17.40
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.25	17.33	17.25	17.40
3	QPSK	1	8	17.19	17.24	17.11	17.40
3	QPSK	1	14	17.31	17.36	17.20	17.40
3	QPSK	8	0	17.22	17.30	17.25	17.40
3	QPSK	8	4	17.21	17.16	17.19	17.40
3	QPSK	8	7	17.20	17.32	17.16	17.40
3	QPSK	15	0	17.19	17.22	17.25	17.40
3	16QAM	1	0	17.34	17.39	17.29	17.40
3	16QAM	1	8	17.31	17.39	17.28	17.40
3	16QAM	1	14	17.38	17.33	17.31	17.40
3	16QAM	8	0	17.18	17.17	17.11	17.40
3	16QAM	8	4	17.14	17.03	17.08	17.40
3	16QAM	8	7	17.26	17.18	17.16	17.40
3	16QAM	15	0	17.17	17.09	17.04	17.40
3	64QAM	1	0	17.33	17.30	17.30	17.40
3	64QAM	1	8	17.37	17.19	17.34	17.40
3	64QAM	1	14	17.30	17.34	17.28	17.40
3	64QAM	8	0	17.22	17.29	17.13	17.40
3	64QAM	8	4	17.24	17.19	17.13	17.40
3	64QAM	8	7	17.27	17.24	17.23	17.40
3	64QAM	15	0	17.31	17.21	17.23	17.40
3	256QAM	1	0	17.34	17.35	17.32	17.40
3	256QAM	1	8	17.34	17.28	17.24	17.40
3	256QAM	1	14	17.39	17.28	17.39	17.40
3	256QAM	8	0	17.25	17.31	17.34	17.40
3	256QAM	8	4	17.34	17.34	17.30	17.40
3	256QAM	8	7	17.39	17.29	17.33	17.40

3	256QAM	15	0	17.36	17.26	17.24	17.40
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	17.23	17.33	17.23	17.40
1.4	QPSK	1	3	17.33	17.28	17.20	17.40
1.4	QPSK	1	5	17.31	17.29	17.17	17.40
1.4	QPSK	3	0	17.18	17.22	17.28	17.40
1.4	QPSK	3	1	17.24	17.21	17.17	17.40
1.4	QPSK	3	3	17.25	17.27	17.19	17.40
1.4	QPSK	6	0	17.30	17.18	17.16	17.40
1.4	16QAM	1	0	17.34	17.29	17.33	17.40
1.4	16QAM	1	3	17.30	17.28	17.31	17.40
1.4	16QAM	1	5	17.37	17.32	17.32	17.40
1.4	16QAM	3	0	17.07	17.16	17.12	17.40
1.4	16QAM	3	1	17.12	17.10	17.04	17.40
1.4	16QAM	3	3	17.16	17.21	17.15	17.40
1.4	16QAM	6	0	17.16	17.09	17.13	17.40
1.4	64QAM	1	0	17.37	17.30	17.25	17.40
1.4	64QAM	1	3	17.37	17.21	17.30	17.40
1.4	64QAM	1	5	17.33	17.28	17.32	17.40
1.4	64QAM	3	0	17.23	17.18	17.16	17.40
1.4	64QAM	3	1	17.22	17.18	17.16	17.40
1.4	64QAM	3	3	17.29	17.29	17.30	17.40
1.4	64QAM	6	0	17.25	17.23	17.11	17.40
1.4	256QAM	1	0	17.40	17.30	17.27	17.40
1.4	256QAM	1	3	17.29	17.27	17.17	17.40
1.4	256QAM	1	5	17.36	17.34	17.35	17.40
1.4	256QAM	3	0	17.14	17.32	17.28	17.40
1.4	256QAM	3	1	17.34	17.24	17.23	17.40
1.4	256QAM	3	3	17.37	17.37	17.33	17.40
1.4	256QAM	6	0	17.32	17.27	17.32	17.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.34	17.40	17.31	17.40
20	QPSK	1	49	17.34	17.33	17.25	17.40
20	QPSK	1	99	17.33	17.40	17.30	17.40
20	QPSK	50	0	17.31	17.36	17.31	17.40
20	QPSK	50	24	17.30	17.26	17.25	17.40
20	QPSK	50	50	17.30	17.35	17.30	17.40
20	QPSK	100	0	17.32	17.28	17.29	17.40
20	16QAM	1	0	17.31	17.32	17.28	17.40
20	16QAM	1	49	17.31	17.33	17.31	17.40
20	16QAM	1	99	17.34	17.37	17.38	17.40
20	16QAM	50	0	17.20	17.28	17.24	17.40
20	16QAM	50	24	17.22	17.18	17.15	17.40
20	16QAM	50	50	17.31	17.26	17.25	17.40
20	16QAM	100	0	17.30	17.24	17.17	17.40
20	64QAM	1	0	17.35	17.29	17.37	17.40
20	64QAM	1	49	17.31	17.33	17.31	17.40
20	64QAM	1	99	17.37	17.36	17.40	17.40
20	64QAM	50	0	17.24	17.31	17.26	17.40
20	64QAM	50	24	17.27	17.25	17.20	17.40
20	64QAM	50	50	17.36	17.31	17.31	17.40
20	64QAM	100	0	17.37	17.31	17.26	17.40
20	256QAM	1	0	17.38	17.38	17.38	17.40
20	256QAM	1	49	17.40	17.40	17.27	17.40
20	256QAM	1	99	17.33	17.31	17.33	17.40
20	256QAM	50	0	17.17	17.31	17.27	17.40
20	256QAM	50	24	17.28	17.26	17.22	17.40
20	256QAM	50	50	17.32	17.31	17.32	17.40
20	256QAM	100	0	17.36	17.29	17.26	17.40
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.29	17.34	17.22	17.40
15	QPSK	1	37	17.20	17.24	17.23	17.40
15	QPSK	1	74	17.19	17.31	17.16	17.40
15	QPSK	36	0	17.23	17.24	17.22	17.40
15	QPSK	36	20	17.26	17.18	17.18	17.40
15	QPSK	36	39	17.19	17.33	17.26	17.40



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15	QPSK	75	0	17.26	17.16	17.27	17.40
15	16QAM	1	0	17.29	17.29	17.35	17.40
15	16QAM	1	37	17.30	17.40	17.34	17.40
15	16QAM	1	74	17.35	17.35	17.40	17.40
15	16QAM	36	0	17.15	17.27	17.17	17.40
15	16QAM	36	20	17.17	17.04	17.11	17.40
15	16QAM	36	39	17.17	17.16	17.15	17.40
15	16QAM	75	0	17.21	17.19	17.05	17.40
15	64QAM	1	0	17.37	17.40	17.28	17.40
15	64QAM	1	37	17.30	17.20	17.37	17.40
15	64QAM	1	74	17.34	17.39	17.39	17.40
15	64QAM	36	0	17.22	17.16	17.14	17.40
15	64QAM	36	20	17.25	17.18	17.14	17.40
15	64QAM	36	39	17.22	17.25	17.28	17.40
15	64QAM	75	0	17.25	17.27	17.16	17.40
15	256QAM	1	0	17.30	17.35	17.34	17.40
15	256QAM	1	37	17.28	17.26	17.13	17.40
15	256QAM	1	74	17.39	17.29	17.39	17.40
15	256QAM	36	0	17.26	17.35	17.29	17.40
15	256QAM	36	20	17.27	17.25	17.25	17.40
15	256QAM	36	39	17.29	17.36	17.27	17.40
15	256QAM	75	0	17.34	17.28	17.23	17.40
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	17.31	17.27	17.22	17.40
10	QPSK	1	25	17.30	17.23	17.18	17.40
10	QPSK	1	49	17.26	17.30	17.22	17.40
10	QPSK	25	0	17.20	17.22	17.19	17.40
10	QPSK	25	12	17.28	17.13	17.19	17.40
10	QPSK	25	25	17.19	17.28	17.22	17.40
10	QPSK	50	0	17.18	17.24	17.27	17.40
10	16QAM	1	0	17.34	17.38	17.39	17.40
10	16QAM	1	25	17.31	17.37	17.29	17.40
10	16QAM	1	49	17.37	17.36	17.31	17.40
10	16QAM	25	0	17.12	17.26	17.15	17.40
10	16QAM	25	12	17.19	17.16	17.12	17.40
10	16QAM	25	25	17.23	17.15	17.10	17.40
10	16QAM	50	0	17.23	17.20	17.16	17.40
10	64QAM	1	0	17.28	17.40	17.29	17.40
10	64QAM	1	25	17.31	17.24	17.29	17.40
10	64QAM	1	49	17.35	17.31	17.37	17.40
10	64QAM	25	0	17.21	17.25	17.15	17.40
10	64QAM	25	12	17.23	17.13	17.18	17.40
10	64QAM	25	25	17.24	17.23	17.22	17.40
10	64QAM	50	0	17.23	17.18	17.13	17.40
10	256QAM	1	0	17.35	17.27	17.35	17.40
10	256QAM	1	25	17.38	17.32	17.15	17.40
10	256QAM	1	49	17.32	17.38	17.35	17.40
10	256QAM	25	0	17.16	17.26	17.36	17.40
10	256QAM	25	12	17.23	17.24	17.20	17.40
10	256QAM	25	25	17.27	17.39	17.30	17.40
10	256QAM	50	0	17.31	17.32	17.26	17.40
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.21	17.30	17.25	17.40
5	QPSK	1	12	17.23	17.21	17.12	17.40
5	QPSK	1	24	17.23	17.27	17.26	17.40
5	QPSK	12	0	17.28	17.34	17.21	17.40
5	QPSK	12	7	17.24	17.16	17.22	17.40
5	QPSK	12	13	17.27	17.29	17.24	17.40
5	QPSK	25	0	17.25	17.14	17.16	17.40
5	16QAM	1	0	17.30	17.38	17.34	17.40
5	16QAM	1	12	17.40	17.34	17.29	17.40
5	16QAM	1	24	17.36	17.40	17.30	17.40
5	16QAM	12	0	17.14	17.24	17.16	17.40
5	16QAM	12	7	17.20	17.14	17.13	17.40
5	16QAM	12	13	17.26	17.11	17.19	17.40
5	16QAM	25	0	17.21	17.12	17.09	17.40
5	64QAM	1	0	17.35	17.39	17.27	17.40
5	64QAM	1	12	17.34	17.28	17.38	17.40
5	64QAM	1	24	17.39	17.37	17.35	17.40
5	64QAM	12	0	17.17	17.20	17.17	17.40
5	64QAM	12	7	17.19	17.13	17.06	17.40
5	64QAM	12	13	17.30	17.30	17.19	17.40
5	64QAM	25	0	17.34	17.17	17.25	17.40
5	256QAM	1	0	17.36	17.33	17.24	17.40
5	256QAM	1	12	17.26	17.34	17.20	17.40
5	256QAM	1	24	17.37	17.29	17.39	17.40



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5	256QAM	12	0	17.22	17.30	17.23	17.40
5	256QAM	12	7	17.24	17.31	17.28	17.40
5	256QAM	12	13	17.40	17.31	17.29	17.40
5	256QAM	25	0	17.32	17.34	17.31	17.40
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.25	17.33	17.25	17.40
3	QPSK	1	8	17.19	17.24	17.11	17.40
3	QPSK	1	14	17.31	17.36	17.20	17.40
3	QPSK	8	0	17.22	17.30	17.25	17.40
3	QPSK	8	4	17.21	17.16	17.19	17.40
3	QPSK	8	7	17.20	17.32	17.16	17.40
3	QPSK	15	0	17.19	17.22	17.25	17.40
3	16QAM	1	0	17.34	17.39	17.29	17.40
3	16QAM	1	8	17.31	17.39	17.28	17.40
3	16QAM	1	14	17.38	17.33	17.31	17.40
3	16QAM	8	0	17.18	17.17	17.11	17.40
3	16QAM	8	4	17.14	17.03	17.08	17.40
3	16QAM	8	7	17.26	17.18	17.16	17.40
3	16QAM	15	0	17.17	17.09	17.04	17.40
3	64QAM	1	0	17.33	17.30	17.30	17.40
3	64QAM	1	8	17.37	17.19	17.34	17.40
3	64QAM	1	14	17.30	17.34	17.28	17.40
3	64QAM	8	0	17.22	17.29	17.13	17.40
3	64QAM	8	4	17.24	17.19	17.13	17.40
3	64QAM	8	7	17.27	17.24	17.23	17.40
3	64QAM	15	0	17.31	17.21	17.23	17.40
3	256QAM	1	0	17.34	17.35	17.32	17.40
3	256QAM	1	8	17.34	17.28	17.24	17.40
3	256QAM	1	14	17.39	17.28	17.39	17.40
3	256QAM	8	0	17.25	17.31	17.34	17.40
3	256QAM	8	4	17.34	17.34	17.30	17.40
3	256QAM	8	7	17.39	17.29	17.33	17.40
3	256QAM	15	0	17.36	17.26	17.24	17.40
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	17.23	17.33	17.23	17.40
1.4	QPSK	1	3	17.33	17.28	17.20	17.40
1.4	QPSK	1	5	17.31	17.29	17.17	17.40
1.4	QPSK	3	0	17.18	17.22	17.28	17.40
1.4	QPSK	3	1	17.24	17.21	17.17	17.40
1.4	QPSK	3	3	17.25	17.27	17.19	17.40
1.4	QPSK	6	0	17.30	17.18	17.16	17.40
1.4	16QAM	1	0	17.34	17.29	17.33	17.40
1.4	16QAM	1	3	17.30	17.28	17.31	17.40
1.4	16QAM	1	5	17.37	17.32	17.32	17.40
1.4	16QAM	3	0	17.07	17.16	17.12	17.40
1.4	16QAM	3	1	17.12	17.10	17.04	17.40
1.4	16QAM	3	3	17.16	17.21	17.15	17.40
1.4	16QAM	6	0	17.16	17.09	17.13	17.40
1.4	64QAM	1	0	17.37	17.30	17.25	17.40
1.4	64QAM	1	3	17.37	17.21	17.30	17.40
1.4	64QAM	1	5	17.33	17.28	17.32	17.40
1.4	64QAM	3	0	17.23	17.18	17.16	17.40
1.4	64QAM	3	1	17.22	17.18	17.16	17.40
1.4	64QAM	3	3	17.29	17.29	17.30	17.40
1.4	64QAM	6	0	17.25	17.23	17.11	17.40
1.4	256QAM	1	0	17.40	17.30	17.27	17.40
1.4	256QAM	1	3	17.29	17.27	17.17	17.40
1.4	256QAM	1	5	17.36	17.34	17.35	17.40
1.4	256QAM	3	0	17.14	17.32	17.28	17.40
1.4	256QAM	3	1	17.34	17.24	17.23	17.40
1.4	256QAM	3	3	17.37	17.37	17.33	17.40
1.4	256QAM	6	0	17.32	17.27	17.32	17.40

【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.52	24.61	24.44	25.10
15	QPSK	1	37	24.34	24.35	24.32	25.10
15	QPSK	1	74	24.32	24.43	24.39	25.10
15	QPSK	36	0	23.34	23.29	23.29	24.10
15	QPSK	36	20	23.27	23.21	23.22	24.10
15	QPSK	36	39	23.28	23.28	23.23	24.10
15	QPSK	75	0	23.32	23.26	23.27	24.10
15	16QAM	1	0	23.78	23.75	23.70	24.10
15	16QAM	1	37	23.58	23.55	23.58	24.10
15	16QAM	1	74	23.67	23.58	23.63	24.10
15	16QAM	36	0	22.38	22.31	22.32	23.10
15	16QAM	36	20	22.35	22.26	22.28	23.10
15	16QAM	36	39	22.33	22.31	22.26	23.10
15	16QAM	75	0	22.34	22.27	22.28	23.10
15	64QAM	1	0	22.61	22.56	22.59	23.10
15	64QAM	1	37	22.46	22.41	22.37	23.10
15	64QAM	1	74	22.50	22.49	22.49	23.10
15	64QAM	36	0	21.42	21.36	21.36	22.10
15	64QAM	36	20	21.36	21.31	21.33	22.10
15	64QAM	36	39	21.38	21.33	21.31	22.10
15	64QAM	75	0	21.37	21.30	21.29	22.10
15	256QAM	1	0	19.52	19.53	19.51	20.10
15	256QAM	1	37	19.45	19.34	19.41	20.10
15	256QAM	1	74	19.52	19.46	19.43	20.10
15	256QAM	36	0	19.43	19.36	19.38	20.10
15	256QAM	36	20	19.38	19.32	19.35	20.10
15	256QAM	36	39	19.38	19.34	19.32	20.10
15	256QAM	75	0	19.40	19.37	19.38	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.48	24.51	24.43	25.10
10	QPSK	1	25	24.36	24.30	24.32	25.10
10	QPSK	1	49	24.46	24.43	24.38	25.10
10	QPSK	25	0	23.45	23.31	23.35	24.10
10	QPSK	25	12	23.34	23.26	23.29	24.10
10	QPSK	25	25	23.37	23.32	23.28	24.10
10	QPSK	50	0	23.34	23.28	23.28	24.10
10	16QAM	1	0	23.74	23.69	23.69	24.10
10	16QAM	1	25	23.59	23.48	23.54	24.10
10	16QAM	1	49	23.76	23.61	23.63	24.10
10	16QAM	25	0	22.46	22.32	22.34	23.10
10	16QAM	25	12	22.32	22.31	22.28	23.10
10	16QAM	25	25	22.36	22.34	22.29	23.10
10	16QAM	50	0	22.37	22.29	22.31	23.10
10	64QAM	1	0	22.53	22.50	22.57	23.10
10	64QAM	1	25	22.49	22.40	22.41	23.10
10	64QAM	1	49	22.59	22.51	22.42	23.10
10	64QAM	25	0	21.43	21.33	21.34	22.10
10	64QAM	25	12	21.36	21.31	21.29	22.10
10	64QAM	25	25	21.39	21.35	21.29	22.10
10	64QAM	50	0	21.40	21.33	21.35	22.10
10	256QAM	1	0	19.50	19.50	19.49	20.10
10	256QAM	1	25	19.47	19.41	19.41	20.10
10	256QAM	1	49	19.44	19.44	19.44	20.10
10	256QAM	25	0	19.47	19.37	19.32	20.10
10	256QAM	25	12	19.41	19.33	19.30	20.10
10	256QAM	25	25	19.37	19.34	19.31	20.10
10	256QAM	50	0	19.41	19.37	19.33	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.40	24.29	24.33	25.10
5	QPSK	1	12	24.37	24.28	24.26	25.10
5	QPSK	1	24	24.38	24.35	24.31	25.10
5	QPSK	12	0	23.35	23.21	23.26	24.10
5	QPSK	12	7	23.26	23.15	23.17	24.10
5	QPSK	12	13	23.28	23.24	23.23	24.10
5	QPSK	25	0	23.38	23.25	23.26	24.10
5	16QAM	1	0	23.60	23.61	23.53	24.10
5	16QAM	1	12	23.57	23.48	23.40	24.10

5	16QAM	1	24	23.61	23.61	23.52	24.10
5	16QAM	12	0	22.40	22.27	22.32	23.10
5	16QAM	12	7	22.33	22.23	22.24	23.10
5	16QAM	12	13	22.33	22.29	22.26	23.10
5	16QAM	25	0	22.36	22.26	22.27	23.10
5	64QAM	1	0	22.56	22.48	22.42	23.10
5	64QAM	1	12	22.49	22.34	22.43	23.10
5	64QAM	1	24	22.50	22.50	22.44	23.10
5	64QAM	12	0	21.42	21.32	21.36	22.10
5	64QAM	12	7	21.36	21.26	21.29	22.10
5	64QAM	12	13	21.37	21.34	21.31	22.10
5	64QAM	25	0	21.40	21.28	21.29	22.10
5	256QAM	1	0	19.52	19.42	19.42	20.10
5	256QAM	1	12	19.43	19.33	19.32	20.10
5	256QAM	1	24	19.46	19.41	19.34	20.10
5	256QAM	12	0	19.39	19.29	19.33	20.10
5	256QAM	12	7	19.31	19.25	19.25	20.10
5	256QAM	12	13	19.34	19.31	19.26	20.10
5	256QAM	25	0	19.40	19.29	19.32	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.36	24.26	24.26	25.10
3	QPSK	1	8	24.26	24.20	24.19	25.10
3	QPSK	1	14	24.34	24.33	24.28	25.10
3	QPSK	8	0	23.29	23.21	23.23	24.10
3	QPSK	8	4	23.23	23.19	23.18	24.10
3	QPSK	8	7	23.26	23.22	23.20	24.10
3	QPSK	15	0	23.28	23.22	23.23	24.10
3	16QAM	1	0	23.58	23.48	23.52	24.10
3	16QAM	1	8	23.57	23.52	23.51	24.10
3	16QAM	1	14	23.58	23.56	23.48	24.10
3	16QAM	8	0	22.36	22.28	22.26	23.10
3	16QAM	8	4	22.32	22.23	22.23	23.10
3	16QAM	8	7	22.34	22.29	22.27	23.10
3	16QAM	15	0	22.34	22.28	22.28	23.10
3	64QAM	1	0	22.45	22.39	22.38	23.10
3	64QAM	1	8	22.38	22.30	22.33	23.10
3	64QAM	1	14	22.47	22.43	22.37	23.10
3	64QAM	8	0	21.33	21.25	21.24	22.10
3	64QAM	8	4	21.32	21.24	21.23	22.10
3	64QAM	8	7	21.31	21.23	21.25	22.10
3	64QAM	15	0	21.37	21.28	21.27	22.10
3	256QAM	1	0	19.47	19.37	19.40	20.10
3	256QAM	1	8	19.39	19.35	19.33	20.10
3	256QAM	1	14	19.40	19.40	19.33	20.10
3	256QAM	8	0	19.41	19.29	19.31	20.10
3	256QAM	8	4	19.40	19.31	19.28	20.10
3	256QAM	8	7	19.37	19.31	19.28	20.10
3	256QAM	15	0	19.36	19.29	19.28	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.21	24.25	24.25	25.10
1.4	QPSK	1	3	24.13	24.19	24.21	25.10
1.4	QPSK	1	5	24.24	24.31	24.24	25.10
1.4	QPSK	3	0	24.11	24.17	24.17	25.10
1.4	QPSK	3	1	24.08	24.16	24.14	25.10
1.4	QPSK	3	3	24.10	24.17	24.19	25.10
1.4	QPSK	6	0	23.15	23.19	23.19	24.10
1.4	16QAM	1	0	23.43	23.37	23.39	24.10
1.4	16QAM	1	3	23.39	23.35	23.34	24.10
1.4	16QAM	1	5	23.49	23.45	23.40	24.10
1.4	16QAM	3	0	23.22	23.15	23.19	24.10
1.4	16QAM	3	1	23.19	23.16	23.09	24.10
1.4	16QAM	3	3	23.22	23.16	23.10	24.10
1.4	16QAM	6	0	22.19	22.21	22.25	23.10
1.4	64QAM	1	0	22.38	22.40	22.40	23.10
1.4	64QAM	1	3	22.36	22.31	22.33	23.10
1.4	64QAM	1	5	22.42	22.49	22.36	23.10
1.4	64QAM	3	0	22.22	22.33	22.31	23.10
1.4	64QAM	3	1	22.24	22.31	22.25	23.10
1.4	64QAM	3	3	22.24	22.30	22.27	23.10
1.4	64QAM	6	0	21.21	21.18	21.18	22.10
1.4	256QAM	1	0	19.35	19.38	19.32	20.10
1.4	256QAM	1	3	19.29	19.32	19.31	20.10
1.4	256QAM	1	5	19.41	19.40	19.29	20.10
1.4	256QAM	3	0	19.31	19.32	19.30	20.10
1.4	256QAM	3	1	19.30	19.31	19.30	20.10
1.4	256QAM	3	3	19.30	19.30	19.29	20.10

1.4	256QAM	6	0	19.18	19.21	19.21	20.10
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【LTE Band 26 _FCC (814~849MHz)_Ant 0 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.52	24.61	24.44	25.10
15	QPSK	1	37	24.34	24.35	24.32	25.10
15	QPSK	1	74	24.32	24.43	24.39	25.10
15	QPSK	36	0	23.34	23.29	23.29	24.10
15	QPSK	36	20	23.27	23.21	23.22	24.10
15	QPSK	36	39	23.28	23.28	23.23	24.10
15	QPSK	75	0	23.32	23.26	23.27	24.10
15	16QAM	1	0	23.78	23.75	23.70	24.10
15	16QAM	1	37	23.58	23.55	23.58	24.10
15	16QAM	1	74	23.67	23.58	23.63	24.10
15	16QAM	36	0	22.38	22.31	22.32	23.10
15	16QAM	36	20	22.35	22.26	22.28	23.10
15	16QAM	36	39	22.33	22.31	22.26	23.10
15	16QAM	75	0	22.34	22.27	22.28	23.10
15	64QAM	1	0	22.61	22.56	22.59	23.10
15	64QAM	1	37	22.46	22.41	22.37	23.10
15	64QAM	1	74	22.50	22.49	22.49	23.10
15	64QAM	36	0	21.42	21.36	21.36	22.10
15	64QAM	36	20	21.36	21.31	21.33	22.10
15	64QAM	36	39	21.38	21.33	21.31	22.10
15	64QAM	75	0	21.37	21.30	21.29	22.10
15	256QAM	1	0	19.52	19.53	19.51	20.10
15	256QAM	1	37	19.45	19.34	19.41	20.10
15	256QAM	1	74	19.52	19.46	19.43	20.10
15	256QAM	36	0	19.43	19.36	19.38	20.10
15	256QAM	36	20	19.38	19.32	19.35	20.10
15	256QAM	36	39	19.38	19.34	19.32	20.10
15	256QAM	75	0	19.40	19.37	19.38	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.48	24.51	24.43	25.10
10	QPSK	1	25	24.36	24.30	24.32	25.10
10	QPSK	1	49	24.46	24.43	24.38	25.10
10	QPSK	25	0	23.45	23.31	23.35	24.10
10	QPSK	25	12	23.34	23.26	23.29	24.10
10	QPSK	25	25	23.37	23.32	23.28	24.10
10	QPSK	50	0	23.34	23.28	23.28	24.10
10	16QAM	1	0	23.74	23.69	23.69	24.10
10	16QAM	1	25	23.59	23.48	23.54	24.10
10	16QAM	1	49	23.76	23.61	23.63	24.10
10	16QAM	25	0	22.46	22.32	22.34	23.10
10	16QAM	25	12	22.32	22.31	22.28	23.10
10	16QAM	25	25	22.36	22.34	22.29	23.10
10	16QAM	50	0	22.37	22.29	22.31	23.10
10	64QAM	1	0	22.53	22.50	22.57	23.10
10	64QAM	1	25	22.49	22.40	22.41	23.10
10	64QAM	1	49	22.59	22.51	22.42	23.10
10	64QAM	25	0	21.43	21.33	21.34	22.10
10	64QAM	25	12	21.36	21.31	21.29	22.10
10	64QAM	25	25	21.39	21.35	21.29	22.10
10	64QAM	50	0	21.40	21.33	21.35	22.10
10	256QAM	1	0	19.50	19.50	19.49	20.10
10	256QAM	1	25	19.47	19.41	19.41	20.10
10	256QAM	1	49	19.44	19.44	19.44	20.10
10	256QAM	25	0	19.47	19.37	19.32	20.10
10	256QAM	25	12	19.41	19.33	19.30	20.10
10	256QAM	25	25	19.37	19.34	19.31	20.10
10	256QAM	50	0	19.41	19.37	19.33	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.40	24.29	24.33	25.10
5	QPSK	1	12	24.37	24.28	24.26	25.10
5	QPSK	1	24	24.38	24.35	24.31	25.10
5	QPSK	12	0	23.35	23.21	23.26	24.10
5	QPSK	12	7	23.26	23.15	23.17	24.10
5	QPSK	12	13	23.28	23.24	23.23	24.10
5	QPSK	25	0	23.38	23.25	23.26	24.10
5	16QAM	1	0	23.60	23.61	23.53	24.10
5	16QAM	1	12	23.57	23.48	23.40	24.10

5	16QAM	1	24	23.61	23.61	23.52	24.10
5	16QAM	12	0	22.40	22.27	22.32	23.10
5	16QAM	12	7	22.33	22.23	22.24	23.10
5	16QAM	12	13	22.33	22.29	22.26	23.10
5	16QAM	25	0	22.36	22.26	22.27	23.10
5	64QAM	1	0	22.56	22.48	22.42	23.10
5	64QAM	1	12	22.49	22.34	22.43	23.10
5	64QAM	1	24	22.50	22.50	22.44	23.10
5	64QAM	12	0	21.42	21.32	21.36	22.10
5	64QAM	12	7	21.36	21.26	21.29	22.10
5	64QAM	12	13	21.37	21.34	21.31	22.10
5	64QAM	25	0	21.40	21.28	21.29	22.10
5	256QAM	1	0	19.52	19.42	19.42	20.10
5	256QAM	1	12	19.43	19.33	19.32	20.10
5	256QAM	1	24	19.46	19.41	19.34	20.10
5	256QAM	12	0	19.39	19.29	19.33	20.10
5	256QAM	12	7	19.31	19.25	19.25	20.10
5	256QAM	12	13	19.34	19.31	19.26	20.10
5	256QAM	25	0	19.40	19.29	19.32	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.36	24.26	24.26	25.10
3	QPSK	1	8	24.26	24.20	24.19	25.10
3	QPSK	1	14	24.34	24.33	24.28	25.10
3	QPSK	8	0	23.29	23.21	23.23	24.10
3	QPSK	8	4	23.23	23.19	23.18	24.10
3	QPSK	8	7	23.26	23.22	23.20	24.10
3	QPSK	15	0	23.28	23.22	23.23	24.10
3	16QAM	1	0	23.58	23.48	23.52	24.10
3	16QAM	1	8	23.57	23.52	23.51	24.10
3	16QAM	1	14	23.58	23.56	23.48	24.10
3	16QAM	8	0	22.36	22.28	22.26	23.10
3	16QAM	8	4	22.32	22.23	22.23	23.10
3	16QAM	8	7	22.34	22.29	22.27	23.10
3	16QAM	15	0	22.34	22.28	22.28	23.10
3	64QAM	1	0	22.45	22.39	22.38	23.10
3	64QAM	1	8	22.38	22.30	22.33	23.10
3	64QAM	1	14	22.47	22.43	22.37	23.10
3	64QAM	8	0	21.33	21.25	21.24	22.10
3	64QAM	8	4	21.32	21.24	21.23	22.10
3	64QAM	8	7	21.31	21.23	21.25	22.10
3	64QAM	15	0	21.37	21.28	21.27	22.10
3	256QAM	1	0	19.47	19.37	19.40	20.10
3	256QAM	1	8	19.39	19.35	19.33	20.10
3	256QAM	1	14	19.40	19.40	19.33	20.10
3	256QAM	8	0	19.41	19.29	19.31	20.10
3	256QAM	8	4	19.40	19.31	19.28	20.10
3	256QAM	8	7	19.37	19.31	19.28	20.10
3	256QAM	15	0	19.36	19.29	19.28	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.21	24.25	24.25	25.10
1.4	QPSK	1	3	24.13	24.19	24.21	25.10
1.4	QPSK	1	5	24.24	24.31	24.24	25.10
1.4	QPSK	3	0	24.11	24.17	24.17	25.10
1.4	QPSK	3	1	24.08	24.16	24.14	25.10
1.4	QPSK	3	3	24.10	24.17	24.19	25.10
1.4	QPSK	6	0	23.15	23.19	23.19	24.10
1.4	16QAM	1	0	23.43	23.37	23.39	24.10
1.4	16QAM	1	3	23.39	23.35	23.34	24.10
1.4	16QAM	1	5	23.49	23.45	23.40	24.10
1.4	16QAM	3	0	23.22	23.15	23.19	24.10
1.4	16QAM	3	1	23.19	23.16	23.09	24.10
1.4	16QAM	3	3	23.22	23.16	23.10	24.10
1.4	16QAM	6	0	22.19	22.21	22.25	23.10
1.4	64QAM	1	0	22.38	22.40	22.40	23.10
1.4	64QAM	1	3	22.36	22.31	22.33	23.10
1.4	64QAM	1	5	22.42	22.49	22.36	23.10
1.4	64QAM	3	0	22.22	22.33	22.31	23.10
1.4	64QAM	3	1	22.24	22.31	22.25	23.10
1.4	64QAM	3	3	22.24	22.30	22.27	23.10
1.4	64QAM	6	0	21.21	21.18	21.18	22.10
1.4	256QAM	1	0	19.35	19.38	19.32	20.10
1.4	256QAM	1	3	19.29	19.32	19.31	20.10
1.4	256QAM	1	5	19.41	19.40	19.29	20.10
1.4	256QAM	3	0	19.31	19.32	19.30	20.10
1.4	256QAM	3	1	19.30	19.31	19.30	20.10
1.4	256QAM	3	3	19.30	19.30	19.29	20.10

1.4	256QAM	6	0	19.18	19.21	19.21	20.10
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【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 6】

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	20.62	20.58	20.54	21.50
15	QPSK	1	37	20.36	20.41	20.33	21.50
15	QPSK	1	74	20.45	20.49	20.40	21.50
15	QPSK	36	0	20.34	20.41	20.32	21.50
15	QPSK	36	20	20.31	20.37	20.23	21.50
15	QPSK	36	39	20.37	20.40	20.34	21.50
15	QPSK	75	0	20.35	20.45	20.38	21.50
15	16QAM	1	0	20.61	20.89	20.54	21.50
15	16QAM	1	37	20.62	20.69	20.53	21.50
15	16QAM	1	74	20.62	20.75	20.52	21.50
15	16QAM	36	0	20.37	20.47	20.29	21.50
15	16QAM	36	20	20.38	20.43	20.25	21.50
15	16QAM	36	39	20.34	20.44	20.35	21.50
15	16QAM	75	0	20.36	20.39	20.24	21.50
15	64QAM	1	0	20.62	20.74	20.53	21.50
15	64QAM	1	37	20.54	20.59	20.53	21.50
15	64QAM	1	74	20.62	20.63	20.49	21.50
15	64QAM	36	0	20.44	20.52	20.38	21.50
15	64QAM	36	20	20.45	20.48	20.36	21.50
15	64QAM	36	39	20.49	20.49	20.32	21.50
15	64QAM	75	0	20.43	20.46	20.33	21.50
15	256QAM	1	0	19.53	19.60	19.54	20.10
15	256QAM	1	37	19.43	19.42	19.33	20.10
15	256QAM	1	74	19.45	19.47	19.30	20.10
15	256QAM	36	0	19.29	19.38	19.22	20.10
15	256QAM	36	20	19.35	19.35	19.29	20.10
15	256QAM	36	39	19.30	19.35	19.21	20.10
15	256QAM	75	0	19.26	19.35	19.22	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	20.50	20.51	20.41	21.50
10	QPSK	1	25	20.22	20.40	20.29	21.50
10	QPSK	1	49	20.31	20.38	20.31	21.50
10	QPSK	25	0	20.30	20.38	20.24	21.50
10	QPSK	25	12	20.23	20.34	20.20	21.50
10	QPSK	25	25	20.33	20.26	20.24	21.50
10	QPSK	50	0	20.26	20.43	20.27	21.50
10	16QAM	1	0	20.49	20.57	20.40	21.50
10	16QAM	1	25	20.48	20.58	20.50	21.50
10	16QAM	1	49	20.50	20.58	20.45	21.50
10	16QAM	25	0	20.36	20.34	20.20	21.50
10	16QAM	25	12	20.35	20.39	20.14	21.50
10	16QAM	25	25	20.21	20.30	20.22	21.50
10	16QAM	50	0	20.29	20.33	20.20	21.50
10	64QAM	1	0	20.49	20.57	20.48	21.50
10	64QAM	1	25	20.42	20.45	20.39	21.50
10	64QAM	1	49	20.56	20.53	20.46	21.50
10	64QAM	25	0	20.33	20.38	20.32	21.50
10	64QAM	25	12	20.31	20.44	20.32	21.50
10	64QAM	25	25	20.39	20.35	20.18	21.50
10	64QAM	50	0	20.28	20.34	20.20	21.50
10	256QAM	1	0	19.48	19.48	19.51	20.10
10	256QAM	1	25	19.35	19.36	19.28	20.10
10	256QAM	1	49	19.39	19.33	19.18	20.10
10	256QAM	25	0	19.23	19.28	19.18	20.10
10	256QAM	25	12	19.27	19.29	19.15	20.10
10	256QAM	25	25	19.19	19.28	19.19	20.10
10	256QAM	50	0	19.22	19.20	19.20	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	20.58	20.51	20.52	21.50
5	QPSK	1	12	20.22	20.36	20.26	21.50
5	QPSK	1	24	20.32	20.35	20.35	21.50
5	QPSK	12	0	20.22	20.38	20.25	21.50
5	QPSK	12	7	20.19	20.32	20.18	21.50
5	QPSK	12	13	20.31	20.32	20.32	21.50
5	QPSK	25	0	20.31	20.37	20.34	21.50
5	16QAM	1	0	20.56	20.58	20.42	21.50
5	16QAM	1	12	20.50	20.56	20.42	21.50

5	16QAM	1	24	20.59	20.57	20.47	21.50
5	16QAM	12	0	20.35	20.39	20.19	21.50
5	16QAM	12	7	20.32	20.30	20.18	21.50
5	16QAM	12	13	20.20	20.34	20.28	21.50
5	16QAM	25	0	20.22	20.30	20.12	21.50
5	64QAM	1	0	20.48	20.56	20.49	21.50
5	64QAM	1	12	20.46	20.49	20.43	21.50
5	64QAM	1	24	20.59	20.55	20.39	21.50
5	64QAM	12	0	20.42	20.48	20.25	21.50
5	64QAM	12	7	20.31	20.43	20.22	21.50
5	64QAM	12	13	20.34	20.42	20.22	21.50
5	64QAM	25	0	20.29	20.36	20.32	21.50
5	256QAM	1	0	19.38	19.56	19.47	20.10
5	256QAM	1	12	19.41	19.39	19.18	20.10
5	256QAM	1	24	19.37	19.45	19.26	20.10
5	256QAM	12	0	19.19	19.33	19.14	20.10
5	256QAM	12	7	19.27	19.22	19.16	20.10
5	256QAM	12	13	19.27	19.32	19.09	20.10
5	256QAM	25	0	19.22	19.31	19.10	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	20.53	20.46	20.44	21.50
3	QPSK	1	8	20.27	20.34	20.19	21.50
3	QPSK	1	14	20.31	20.38	20.29	21.50
3	QPSK	8	0	20.29	20.38	20.17	21.50
3	QPSK	8	4	20.21	20.28	20.09	21.50
3	QPSK	8	7	20.34	20.34	20.28	21.50
3	QPSK	15	0	20.31	20.42	20.30	21.50
3	16QAM	1	0	20.51	20.56	20.42	21.50
3	16QAM	1	8	20.50	20.57	20.46	21.50
3	16QAM	1	14	20.58	20.58	20.43	21.50
3	16QAM	8	0	20.31	20.36	20.24	21.50
3	16QAM	8	4	20.35	20.41	20.23	21.50
3	16QAM	8	7	20.29	20.37	20.34	21.50
3	16QAM	15	0	20.27	20.27	20.12	21.50
3	64QAM	1	0	20.56	20.57	20.46	21.50
3	64QAM	1	8	20.40	20.57	20.48	21.50
3	64QAM	1	14	20.53	20.54	20.41	21.50
3	64QAM	8	0	20.36	20.47	20.31	21.50
3	64QAM	8	4	20.39	20.38	20.34	21.50
3	64QAM	8	7	20.39	20.43	20.19	21.50
3	64QAM	15	0	20.36	20.35	20.23	21.50
3	256QAM	1	0	19.45	19.56	19.51	20.10
3	256QAM	1	8	19.30	19.35	19.27	20.10
3	256QAM	1	14	19.37	19.33	19.21	20.10
3	256QAM	8	0	19.16	19.25	19.13	20.10
3	256QAM	8	4	19.26	19.31	19.28	20.10
3	256QAM	8	7	19.19	19.32	19.13	20.10
3	256QAM	15	0	19.22	19.21	19.07	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	20.61	20.48	20.45	21.50
1.4	QPSK	1	3	20.26	20.27	20.18	21.50
1.4	QPSK	1	5	20.41	20.43	20.31	21.50
1.4	QPSK	3	0	20.32	20.27	20.28	21.50
1.4	QPSK	3	1	20.28	20.25	20.16	21.50
1.4	QPSK	3	3	20.31	20.33	20.27	21.50
1.4	QPSK	6	0	20.30	20.38	20.33	21.50
1.4	16QAM	1	0	20.58	20.58	20.41	21.50
1.4	16QAM	1	3	20.51	20.57	20.49	21.50
1.4	16QAM	1	5	20.58	20.57	20.43	21.50
1.4	16QAM	3	0	20.32	20.35	20.19	21.50
1.4	16QAM	3	1	20.29	20.39	20.11	21.50
1.4	16QAM	3	3	20.21	20.35	20.32	21.50
1.4	16QAM	6	0	20.30	20.26	20.20	21.50
1.4	64QAM	1	0	20.60	20.57	20.51	21.50
1.4	64QAM	1	3	20.44	20.54	20.49	21.50
1.4	64QAM	1	5	20.57	20.58	20.41	21.50
1.4	64QAM	3	0	20.39	20.42	20.32	21.50
1.4	64QAM	3	1	20.43	20.40	20.30	21.50
1.4	64QAM	3	3	20.39	20.36	20.30	21.50
1.4	64QAM	6	0	20.34	20.34	20.30	21.50
1.4	256QAM	1	0	19.44	19.48	19.42	20.10
1.4	256QAM	1	3	19.28	19.32	19.20	20.10
1.4	256QAM	1	5	19.41	19.37	19.15	20.10
1.4	256QAM	3	0	19.23	19.33	19.15	20.10
1.4	256QAM	3	1	19.23	19.20	19.17	20.10
1.4	256QAM	3	3	19.21	19.29	19.16	20.10

1.4	256QAM	6	0	19.21	19.20	19.07	20.10
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【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 4】

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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.81	21.75	21.72	22.20
15	QPSK	1	37	21.67	21.64	21.67	22.20
15	QPSK	1	74	21.74	21.65	21.63	22.20
15	QPSK	36	0	21.68	21.61	21.59	22.20
15	QPSK	36	20	21.58	21.54	21.52	22.20
15	QPSK	36	39	21.61	21.58	21.55	22.20
15	QPSK	75	0	21.62	21.60	21.56	22.20
15	16QAM	1	0	22.00	21.97	21.92	22.20
15	16QAM	1	37	21.93	21.82	21.86	22.20
15	16QAM	1	74	22.00	21.86	21.81	22.20
15	16QAM	36	0	21.70	21.67	21.62	22.20
15	16QAM	36	20	21.62	21.58	21.58	22.20
15	16QAM	36	39	21.65	21.62	21.60	22.20
15	16QAM	75	0	21.64	21.61	21.58	22.20
15	64QAM	1	0	21.90	21.82	21.77	22.20
15	64QAM	1	37	21.76	21.69	21.75	22.20
15	64QAM	1	74	21.87	21.76	21.75	22.20
15	64QAM	36	0	21.62	21.55	21.53	22.10
15	64QAM	36	20	21.55	21.53	21.51	22.10
15	64QAM	36	39	21.57	21.52	21.51	22.10
15	64QAM	75	0	21.55	21.53	21.50	22.10
15	256QAM	1	0	19.74	19.66	19.66	20.10
15	256QAM	1	37	19.57	19.57	19.60	20.10
15	256QAM	1	74	19.68	19.61	19.57	20.10
15	256QAM	36	0	19.55	19.55	19.54	20.10
15	256QAM	36	20	19.53	19.52	19.48	20.10
15	256QAM	36	39	19.52	19.51	19.45	20.10
15	256QAM	75	0	19.54	19.53	19.49	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.72	21.61	21.66	22.20
10	QPSK	1	25	21.63	21.59	21.60	22.20
10	QPSK	1	49	21.60	21.63	21.57	22.20
10	QPSK	25	0	21.54	21.54	21.54	22.20
10	QPSK	25	12	21.46	21.47	21.39	22.20
10	QPSK	25	25	21.58	21.48	21.45	22.20
10	QPSK	50	0	21.49	21.47	21.54	22.20
10	16QAM	1	0	21.80	21.75	21.72	22.20
10	16QAM	1	25	21.81	21.75	21.72	22.20
10	16QAM	1	49	21.79	21.75	21.72	22.20
10	16QAM	25	0	21.62	21.55	21.59	22.20
10	16QAM	25	12	21.59	21.50	21.49	22.20
10	16QAM	25	25	21.61	21.50	21.59	22.20
10	16QAM	50	0	21.62	21.59	21.57	22.20
10	64QAM	1	0	21.81	21.75	21.69	22.20
10	64QAM	1	25	21.66	21.67	21.71	22.20
10	64QAM	1	49	21.80	21.71	21.68	22.20
10	64QAM	25	0	21.52	21.50	21.43	22.10
10	64QAM	25	12	21.46	21.46	21.45	22.10
10	64QAM	25	25	21.52	21.47	21.49	22.10
10	64QAM	50	0	21.44	21.40	21.39	22.10
10	256QAM	1	0	19.61	19.63	19.58	20.10
10	256QAM	1	25	19.54	19.50	19.58	20.10
10	256QAM	1	49	19.66	19.53	19.52	20.10
10	256QAM	25	0	19.49	19.49	19.48	20.10
10	256QAM	25	12	19.49	19.42	19.36	20.10
10	256QAM	25	25	19.40	19.38	19.42	20.10
10	256QAM	50	0	19.50	19.51	19.39	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.77	21.73	21.69	22.20
5	QPSK	1	12	21.60	21.53	21.54	22.20
5	QPSK	1	24	21.70	21.56	21.50	22.20
5	QPSK	12	0	21.61	21.56	21.56	22.20
5	QPSK	12	7	21.47	21.46	21.46	22.20
5	QPSK	12	13	21.48	21.52	21.42	22.20
5	QPSK	25	0	21.55	21.57	21.46	22.20
5	16QAM	1	0	21.80	21.75	21.72	22.20
5	16QAM	1	12	21.80	21.69	21.72	22.20
5	16QAM	1	24	21.79	21.74	21.70	22.20



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5	16QAM	12	0	21.58	21.56	21.55	22.20
5	16QAM	12	7	21.53	21.53	21.48	22.20
5	16QAM	12	13	21.61	21.60	21.47	22.20
5	16QAM	25	0	21.51	21.51	21.47	22.20
5	64QAM	1	0	21.81	21.68	21.62	22.20
5	64QAM	1	12	21.64	21.63	21.70	22.20
5	64QAM	1	24	21.75	21.64	21.72	22.20
5	64QAM	12	0	21.51	21.45	21.50	22.10
5	64QAM	12	7	21.47	21.43	21.41	22.10
5	64QAM	12	13	21.43	21.44	21.37	22.10
5	64QAM	25	0	21.42	21.46	21.42	22.10
5	256QAM	1	0	19.68	19.61	19.54	20.10
5	256QAM	1	12	19.48	19.47	19.52	20.10
5	256QAM	1	24	19.59	19.59	19.45	20.10
5	256QAM	12	0	19.48	19.43	19.41	20.10
5	256QAM	12	7	19.50	19.44	19.36	20.10
5	256QAM	12	13	19.50	19.41	19.39	20.10
5	256QAM	25	0	19.45	19.43	19.39	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.72	21.64	21.63	22.20
3	QPSK	1	8	21.57	21.63	21.61	22.20
3	QPSK	1	14	21.59	21.59	21.52	22.20
3	QPSK	8	0	21.64	21.47	21.53	22.20
3	QPSK	8	4	21.45	21.50	21.38	22.20
3	QPSK	8	7	21.56	21.51	21.47	22.20
3	QPSK	15	0	21.59	21.53	21.54	22.20
3	16QAM	1	0	21.81	21.75	21.71	22.20
3	16QAM	1	8	21.79	21.73	21.71	22.20
3	16QAM	1	14	21.81	21.72	21.72	22.20
3	16QAM	8	0	21.57	21.52	21.56	22.20
3	16QAM	8	4	21.53	21.50	21.50	22.20
3	16QAM	8	7	21.53	21.48	21.45	22.20
3	16QAM	15	0	21.50	21.54	21.50	22.20
3	64QAM	1	0	21.81	21.74	21.64	22.20
3	64QAM	1	8	21.66	21.63	21.68	22.20
3	64QAM	1	14	21.75	21.73	21.65	22.20
3	64QAM	8	0	21.48	21.42	21.39	22.10
3	64QAM	8	4	21.47	21.49	21.38	22.10
3	64QAM	8	7	21.53	21.47	21.47	22.10
3	64QAM	15	0	21.54	21.41	21.40	22.10
3	256QAM	1	0	19.66	19.58	19.53	20.10
3	256QAM	1	8	19.45	19.52	19.46	20.10
3	256QAM	1	14	19.55	19.53	19.54	20.10
3	256QAM	8	0	19.42	19.43	19.50	20.10
3	256QAM	8	4	19.48	19.39	19.38	20.10
3	256QAM	8	7	19.39	19.41	19.34	20.10
3	256QAM	15	0	19.42	19.46	19.41	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.63	21.56	21.56	22.20
1.4	QPSK	1	3	21.62	21.54	21.49	22.20
1.4	QPSK	1	5	21.65	21.63	21.55	22.20
1.4	QPSK	3	0	21.54	21.50	21.45	22.20
1.4	QPSK	3	1	21.51	21.47	21.44	22.20
1.4	QPSK	3	3	21.57	21.50	21.47	22.20
1.4	QPSK	6	0	21.56	21.51	21.48	22.20
1.4	16QAM	1	0	21.78	21.69	21.69	22.20
1.4	16QAM	1	3	21.68	21.61	21.61	22.20
1.4	16QAM	1	5	21.77	21.79	21.66	22.20
1.4	16QAM	3	0	21.53	21.54	21.43	22.20
1.4	16QAM	3	1	21.46	21.49	21.48	22.20
1.4	16QAM	3	3	21.54	21.46	21.39	22.20
1.4	16QAM	6	0	21.63	21.55	21.54	22.20
1.4	64QAM	1	0	21.73	21.71	21.66	22.20
1.4	64QAM	1	3	21.74	21.71	21.65	22.20
1.4	64QAM	1	5	21.73	21.82	21.67	22.20
1.4	64QAM	3	0	21.67	21.64	21.61	22.20
1.4	64QAM	3	1	21.69	21.63	21.60	22.20
1.4	64QAM	3	3	21.70	21.62	21.62	22.20
1.4	64QAM	6	0	21.42	21.37	21.32	22.10
1.4	256QAM	1	0	19.67	19.56	19.51	20.10
1.4	256QAM	1	3	19.58	19.55	19.46	20.10
1.4	256QAM	1	5	19.64	19.62	19.54	20.10
1.4	256QAM	3	0	19.63	19.54	19.47	20.10
1.4	256QAM	3	1	19.61	19.54	19.48	20.10
1.4	256QAM	3	3	19.59	19.52	19.46	20.10
1.4	256QAM	6	0	19.52	19.41	19.40	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 5】

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	20.62	20.58	20.54	21.50
15	QPSK	1	37	20.36	20.41	20.33	21.50
15	QPSK	1	74	20.45	20.49	20.40	21.50
15	QPSK	36	0	20.34	20.41	20.32	21.50
15	QPSK	36	20	20.31	20.37	20.23	21.50
15	QPSK	36	39	20.37	20.40	20.34	21.50
15	QPSK	75	0	20.35	20.45	20.38	21.50
15	16QAM	1	0	20.61	20.89	20.54	21.50
15	16QAM	1	37	20.62	20.69	20.53	21.50
15	16QAM	1	74	20.62	20.75	20.52	21.50
15	16QAM	36	0	20.37	20.47	20.29	21.50
15	16QAM	36	20	20.38	20.43	20.25	21.50
15	16QAM	36	39	20.34	20.44	20.35	21.50
15	16QAM	75	0	20.36	20.39	20.24	21.50
15	64QAM	1	0	20.62	20.74	20.53	21.50
15	64QAM	1	37	20.54	20.59	20.53	21.50
15	64QAM	1	74	20.62	20.63	20.49	21.50
15	64QAM	36	0	20.44	20.52	20.38	21.50
15	64QAM	36	20	20.45	20.48	20.36	21.50
15	64QAM	36	39	20.49	20.49	20.32	21.50
15	64QAM	75	0	20.43	20.46	20.33	21.50
15	256QAM	1	0	19.53	19.60	19.54	20.10
15	256QAM	1	37	19.43	19.42	19.33	20.10
15	256QAM	1	74	19.45	19.47	19.30	20.10
15	256QAM	36	0	19.29	19.38	19.22	20.10
15	256QAM	36	20	19.35	19.35	19.29	20.10
15	256QAM	36	39	19.30	19.35	19.21	20.10
15	256QAM	75	0	19.26	19.35	19.22	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	20.50	20.51	20.41	21.50
10	QPSK	1	25	20.22	20.40	20.29	21.50
10	QPSK	1	49	20.31	20.38	20.31	21.50
10	QPSK	25	0	20.30	20.38	20.24	21.50
10	QPSK	25	12	20.23	20.34	20.20	21.50
10	QPSK	25	25	20.33	20.26	20.24	21.50
10	QPSK	50	0	20.26	20.43	20.27	21.50
10	16QAM	1	0	20.49	20.57	20.40	21.50
10	16QAM	1	25	20.48	20.58	20.50	21.50
10	16QAM	1	49	20.50	20.58	20.45	21.50
10	16QAM	25	0	20.36	20.34	20.20	21.50
10	16QAM	25	12	20.35	20.39	20.14	21.50
10	16QAM	25	25	20.21	20.30	20.22	21.50
10	16QAM	50	0	20.29	20.33	20.20	21.50
10	64QAM	1	0	20.49	20.57	20.48	21.50
10	64QAM	1	25	20.42	20.45	20.39	21.50
10	64QAM	1	49	20.56	20.53	20.46	21.50
10	64QAM	25	0	20.33	20.38	20.32	21.50
10	64QAM	25	12	20.31	20.44	20.32	21.50
10	64QAM	25	25	20.39	20.35	20.18	21.50
10	64QAM	50	0	20.28	20.34	20.20	21.50
10	256QAM	1	0	19.48	19.48	19.51	20.10
10	256QAM	1	25	19.35	19.36	19.28	20.10
10	256QAM	1	49	19.39	19.33	19.18	20.10
10	256QAM	25	0	19.23	19.28	19.18	20.10
10	256QAM	25	12	19.27	19.29	19.15	20.10
10	256QAM	25	25	19.19	19.28	19.19	20.10
10	256QAM	50	0	19.22	19.20	19.20	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	20.58	20.51	20.52	21.50
5	QPSK	1	12	20.22	20.36	20.26	21.50
5	QPSK	1	24	20.32	20.35	20.35	21.50
5	QPSK	12	0	20.22	20.38	20.25	21.50
5	QPSK	12	7	20.19	20.32	20.18	21.50
5	QPSK	12	13	20.31	20.32	20.32	21.50
5	QPSK	25	0	20.31	20.37	20.34	21.50
5	16QAM	1	0	20.56	20.58	20.42	21.50
5	16QAM	1	12	20.50	20.56	20.42	21.50
5	16QAM	1	24	20.59	20.57	20.47	21.50



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5	16QAM	12	0	20.35	20.39	20.19	21.50
5	16QAM	12	7	20.32	20.30	20.18	21.50
5	16QAM	12	13	20.20	20.34	20.28	21.50
5	16QAM	25	0	20.22	20.30	20.12	21.50
5	64QAM	1	0	20.48	20.56	20.49	21.50
5	64QAM	1	12	20.46	20.49	20.43	21.50
5	64QAM	1	24	20.59	20.55	20.39	21.50
5	64QAM	12	0	20.42	20.48	20.25	21.50
5	64QAM	12	7	20.31	20.43	20.22	21.50
5	64QAM	12	13	20.34	20.42	20.22	21.50
5	64QAM	25	0	20.29	20.36	20.32	21.50
5	256QAM	1	0	19.38	19.56	19.47	20.10
5	256QAM	1	12	19.41	19.39	19.18	20.10
5	256QAM	1	24	19.37	19.45	19.26	20.10
5	256QAM	12	0	19.19	19.33	19.14	20.10
5	256QAM	12	7	19.27	19.22	19.16	20.10
5	256QAM	12	13	19.27	19.32	19.09	20.10
5	256QAM	25	0	19.22	19.31	19.10	20.10
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	20.53	20.46	20.44	21.50
3	QPSK	1	8	20.27	20.34	20.19	21.50
3	QPSK	1	14	20.31	20.38	20.29	21.50
3	QPSK	8	0	20.29	20.38	20.17	21.50
3	QPSK	8	4	20.21	20.28	20.09	21.50
3	QPSK	8	7	20.34	20.34	20.28	21.50
3	QPSK	15	0	20.31	20.42	20.30	21.50
3	16QAM	1	0	20.51	20.56	20.42	21.50
3	16QAM	1	8	20.50	20.57	20.46	21.50
3	16QAM	1	14	20.58	20.58	20.43	21.50
3	16QAM	8	0	20.31	20.36	20.24	21.50
3	16QAM	8	4	20.35	20.41	20.23	21.50
3	16QAM	8	7	20.29	20.37	20.34	21.50
3	16QAM	15	0	20.27	20.27	20.12	21.50
3	64QAM	1	0	20.56	20.57	20.46	21.50
3	64QAM	1	8	20.40	20.57	20.48	21.50
3	64QAM	1	14	20.53	20.54	20.41	21.50
3	64QAM	8	0	20.36	20.47	20.31	21.50
3	64QAM	8	4	20.39	20.38	20.34	21.50
3	64QAM	8	7	20.39	20.43	20.19	21.50
3	64QAM	15	0	20.36	20.35	20.23	21.50
3	256QAM	1	0	19.45	19.56	19.51	20.10
3	256QAM	1	8	19.30	19.35	19.27	20.10
3	256QAM	1	14	19.37	19.33	19.21	20.10
3	256QAM	8	0	19.16	19.25	19.13	20.10
3	256QAM	8	4	19.26	19.31	19.28	20.10
3	256QAM	8	7	19.19	19.32	19.13	20.10
3	256QAM	15	0	19.22	19.21	19.07	20.10
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	20.61	20.48	20.45	21.50
1.4	QPSK	1	3	20.26	20.27	20.18	21.50
1.4	QPSK	1	5	20.41	20.43	20.31	21.50
1.4	QPSK	3	0	20.32	20.27	20.28	21.50
1.4	QPSK	3	1	20.28	20.25	20.16	21.50
1.4	QPSK	3	3	20.31	20.33	20.27	21.50
1.4	QPSK	6	0	20.30	20.38	20.33	21.50
1.4	16QAM	1	0	20.58	20.58	20.41	21.50
1.4	16QAM	1	3	20.51	20.57	20.49	21.50
1.4	16QAM	1	5	20.58	20.57	20.43	21.50
1.4	16QAM	3	0	20.32	20.35	20.19	21.50
1.4	16QAM	3	1	20.29	20.39	20.11	21.50
1.4	16QAM	3	3	20.21	20.35	20.32	21.50
1.4	16QAM	6	0	20.30	20.26	20.20	21.50
1.4	64QAM	1	0	20.60	20.57	20.51	21.50
1.4	64QAM	1	3	20.44	20.54	20.49	21.50
1.4	64QAM	1	5	20.57	20.58	20.41	21.50
1.4	64QAM	3	0	20.39	20.42	20.32	21.50
1.4	64QAM	3	1	20.43	20.40	20.30	21.50
1.4	64QAM	3	3	20.39	20.36	20.30	21.50
1.4	64QAM	6	0	20.34	20.34	20.30	21.50
1.4	256QAM	1	0	19.44	19.48	19.42	20.10
1.4	256QAM	1	3	19.28	19.32	19.20	20.10
1.4	256QAM	1	5	19.41	19.37	19.15	20.10
1.4	256QAM	3	0	19.23	19.33	19.15	20.10
1.4	256QAM	3	1	19.23	19.20	19.17	20.10
1.4	256QAM	3	3	19.21	19.29	19.16	20.10
1.4	256QAM	6	0	19.21	19.20	19.07	20.10

【LTE Band 26 _FCC (814~849MHz)_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	20.55	20.64	20.63	22.30
15	QPSK	1	37	20.48	20.56	20.62	22.30
15	QPSK	1	74	20.53	20.58	20.57	22.30
15	QPSK	36	0	20.48	20.57	20.56	22.30
15	QPSK	36	20	20.43	20.51	20.53	22.30
15	QPSK	36	39	20.44	20.55	20.55	22.30
15	QPSK	75	0	20.45	20.56	20.50	22.30
15	16QAM	1	0	20.45	20.56	20.60	22.30
15	16QAM	1	37	20.44	20.56	20.58	22.30
15	16QAM	1	74	20.49	20.48	20.57	22.30
15	16QAM	36	0	20.43	20.54	20.52	22.30
15	16QAM	36	20	20.38	20.50	20.49	22.30
15	16QAM	36	39	20.37	20.48	20.54	22.30
15	16QAM	75	0	20.40	20.53	20.42	22.30
15	64QAM	1	0	20.54	20.59	20.55	22.30
15	64QAM	1	37	20.46	20.53	20.54	22.30
15	64QAM	1	74	20.43	20.55	20.57	22.30
15	64QAM	36	0	20.42	20.55	20.49	22.10
15	64QAM	36	20	20.39	20.47	20.49	22.10
15	64QAM	36	39	20.40	20.47	20.45	22.10
15	64QAM	75	0	20.36	20.56	20.40	22.10
15	256QAM	1	0	19.17	19.40	19.44	20.10
15	256QAM	1	37	19.21	19.30	19.52	20.10
15	256QAM	1	74	19.29	19.51	19.55	20.10
15	256QAM	36	0	19.08	19.21	19.42	20.10
15	256QAM	36	20	19.13	19.25	19.40	20.10
15	256QAM	36	39	19.17	19.34	19.44	20.10
15	256QAM	75	0	19.14	19.28	19.41	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	20.48	20.50	20.54	22.30
10	QPSK	1	25	20.37	20.47	20.58	22.30
10	QPSK	1	49	20.43	20.50	20.54	22.30
10	QPSK	25	0	20.41	20.42	20.47	22.30
10	QPSK	25	12	20.37	20.49	20.47	22.30
10	QPSK	25	25	20.39	20.44	20.44	22.30
10	QPSK	50	0	20.36	20.47	20.37	22.30
10	16QAM	1	0	20.41	20.51	20.59	22.30
10	16QAM	1	25	20.34	20.46	20.46	22.30
10	16QAM	1	49	20.44	20.46	20.52	22.30
10	16QAM	25	0	20.36	20.51	20.47	22.30
10	16QAM	25	12	20.37	20.38	20.40	22.30
10	16QAM	25	25	20.32	20.40	20.51	22.30
10	16QAM	50	0	20.35	20.48	20.39	22.30
10	64QAM	1	0	20.47	20.54	20.54	22.30
10	64QAM	1	25	20.31	20.45	20.52	22.30
10	64QAM	1	49	20.37	20.49	20.46	22.30
10	64QAM	25	0	20.39	20.54	20.40	22.10
10	64QAM	25	12	20.36	20.36	20.41	22.10
10	64QAM	25	25	20.38	20.41	20.31	22.10
10	64QAM	50	0	20.22	20.49	20.31	22.10
10	256QAM	1	0	19.06	19.35	19.30	20.10
10	256QAM	1	25	19.17	19.15	19.46	20.10
10	256QAM	1	49	19.15	19.44	19.42	20.10
10	256QAM	25	0	19.06	19.12	19.34	20.10
10	256QAM	25	12	19.03	19.11	19.36	20.10
10	256QAM	25	25	19.10	19.30	19.29	20.10
10	256QAM	50	0	19.02	19.17	19.28	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	20.49	20.61	20.52	22.30
5	QPSK	1	12	20.34	20.48	20.49	22.30
5	QPSK	1	24	20.46	20.57	20.51	22.30
5	QPSK	12	0	20.35	20.46	20.47	22.30
5	QPSK	12	7	20.30	20.45	20.47	22.30
5	QPSK	12	13	20.37	20.48	20.46	22.30
5	QPSK	25	0	20.31	20.54	20.48	22.30
5	16QAM	1	0	20.32	20.48	20.48	22.30

5	16QAM	1	12	20.42	20.47	20.49	22.30
5	16QAM	1	24	20.36	20.37	20.51	22.30
5	16QAM	12	0	20.32	20.42	20.39	22.30
5	16QAM	12	7	20.30	20.35	20.44	22.30
5	16QAM	12	13	20.31	20.44	20.53	22.30
5	16QAM	25	0	20.37	20.46	20.30	22.30
5	64QAM	1	0	20.51	20.44	20.42	22.30
5	64QAM	1	12	20.41	20.41	20.46	22.30
5	64QAM	1	24	20.32	20.53	20.48	22.30
5	64QAM	12	0	20.30	20.44	20.36	22.10
5	64QAM	12	7	20.26	20.36	20.35	22.10
5	64QAM	12	13	20.26	20.43	20.38	22.10
5	64QAM	25	0	20.22	20.44	20.27	22.10
5	256QAM	1	0	19.06	19.32	19.34	20.10
5	256QAM	1	12	19.18	19.16	19.47	20.10
5	256QAM	1	24	19.23	19.44	19.42	20.10
5	256QAM	12	0	19.04	19.15	19.39	20.10
5	256QAM	12	7	19.07	19.21	19.35	20.10
5	256QAM	12	13	19.02	19.22	19.37	20.10
5	256QAM	25	0	19.00	19.20	19.27	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	20.53	20.53	20.62	22.30
3	QPSK	1	8	20.41	20.46	20.53	22.30
3	QPSK	1	14	20.42	20.46	20.53	22.30
3	QPSK	8	0	20.41	20.51	20.53	22.30
3	QPSK	8	4	20.37	20.38	20.51	22.30
3	QPSK	8	7	20.40	20.47	20.42	22.30
3	QPSK	15	0	20.39	20.48	20.49	22.30
3	16QAM	1	0	20.42	20.47	20.55	22.30
3	16QAM	1	8	20.37	20.53	20.55	22.30
3	16QAM	1	14	20.45	20.38	20.46	22.30
3	16QAM	8	0	20.39	20.51	20.46	22.30
3	16QAM	8	4	20.31	20.45	20.36	22.30
3	16QAM	8	7	20.36	20.43	20.43	22.30
3	16QAM	15	0	20.36	20.45	20.38	22.30
3	64QAM	1	0	20.39	20.55	20.50	22.30
3	64QAM	1	8	20.38	20.41	20.46	22.30
3	64QAM	1	14	20.41	20.42	20.50	22.30
3	64QAM	8	0	20.34	20.41	20.43	22.10
3	64QAM	8	4	20.37	20.43	20.44	22.10
3	64QAM	8	7	20.30	20.37	20.36	22.10
3	64QAM	15	0	20.32	20.48	20.38	22.10
3	256QAM	1	0	19.11	19.38	19.32	20.10
3	256QAM	1	8	19.20	19.23	19.43	20.10
3	256QAM	1	14	19.22	19.49	19.40	20.10
3	256QAM	8	0	18.99	19.14	19.40	20.10
3	256QAM	8	4	19.02	19.14	19.28	20.10
3	256QAM	8	7	19.10	19.28	19.38	20.10
3	256QAM	15	0	19.04	19.15	19.29	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	20.53	20.49	20.50	22.30
1.4	QPSK	1	3	20.43	20.47	20.55	22.30
1.4	QPSK	1	5	20.41	20.46	20.52	22.30
1.4	QPSK	3	0	20.47	20.53	20.44	22.30
1.4	QPSK	3	1	20.31	20.36	20.42	22.30
1.4	QPSK	3	3	20.39	20.51	20.50	22.30
1.4	QPSK	6	0	20.32	20.51	20.42	22.30
1.4	16QAM	1	0	20.37	20.47	20.52	22.30
1.4	16QAM	1	3	20.42	20.55	20.43	22.30
1.4	16QAM	1	5	20.43	20.37	20.44	22.30
1.4	16QAM	3	0	20.38	20.46	20.43	22.30
1.4	16QAM	3	1	20.32	20.45	20.40	22.30
1.4	16QAM	3	3	20.36	20.39	20.49	22.30
1.4	16QAM	6	0	20.32	20.45	20.30	22.30
1.4	64QAM	1	0	20.47	20.57	20.51	22.30
1.4	64QAM	1	3	20.38	20.42	20.47	22.30
1.4	64QAM	1	5	20.38	20.47	20.47	22.30
1.4	64QAM	3	0	20.51	20.62	20.54	22.30
1.4	64QAM	3	1	20.47	20.57	20.67	22.30
1.4	64QAM	3	3	20.56	20.57	20.59	22.30
1.4	64QAM	6	0	20.34	20.42	20.28	22.10
1.4	256QAM	1	0	19.16	19.36	19.42	20.10
1.4	256QAM	1	3	19.13	19.20	19.40	20.10
1.4	256QAM	1	5	19.24	19.40	19.50	20.10
1.4	256QAM	3	0	18.95	19.06	19.29	20.10
1.4	256QAM	3	1	19.02	19.20	19.30	20.10

1.4	256QAM	3	3	19.16	19.30	19.34	20.10
1.4	256QAM	6	0	19.13	19.15	19.37	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	20.55	20.64	20.63	21.50
15	QPSK	1	37	20.48	20.56	20.62	21.50
15	QPSK	1	74	20.53	20.58	20.57	21.50
15	QPSK	36	0	20.48	20.57	20.56	21.50
15	QPSK	36	20	20.43	20.51	20.53	21.50
15	QPSK	36	39	20.44	20.55	20.55	21.50
15	QPSK	75	0	20.45	20.56	20.50	21.50
15	16QAM	1	0	20.45	20.56	20.60	21.50
15	16QAM	1	37	20.44	20.56	20.58	21.50
15	16QAM	1	74	20.49	20.48	20.57	21.50
15	16QAM	36	0	20.43	20.54	20.52	21.50
15	16QAM	36	20	20.38	20.50	20.49	21.50
15	16QAM	36	39	20.37	20.48	20.54	21.50
15	16QAM	75	0	20.40	20.53	20.42	21.50
15	64QAM	1	0	20.54	20.59	20.55	21.50
15	64QAM	1	37	20.46	20.53	20.54	21.50
15	64QAM	1	74	20.43	20.55	20.57	21.50
15	64QAM	36	0	20.42	20.55	20.49	21.50
15	64QAM	36	20	20.39	20.47	20.49	21.50
15	64QAM	36	39	20.40	20.47	20.45	21.50
15	64QAM	75	0	20.36	20.56	20.40	21.50
15	256QAM	1	0	19.17	19.40	19.44	20.10
15	256QAM	1	37	19.21	19.30	19.52	20.10
15	256QAM	1	74	19.29	19.51	19.55	20.10
15	256QAM	36	0	19.08	19.21	19.42	20.10
15	256QAM	36	20	19.13	19.25	19.40	20.10
15	256QAM	36	39	19.17	19.34	19.44	20.10
15	256QAM	75	0	19.14	19.28	19.41	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	20.48	20.50	20.54	21.50
10	QPSK	1	25	20.37	20.47	20.58	21.50
10	QPSK	1	49	20.43	20.50	20.54	21.50
10	QPSK	25	0	20.41	20.42	20.47	21.50
10	QPSK	25	12	20.37	20.49	20.47	21.50
10	QPSK	25	25	20.39	20.44	20.44	21.50
10	QPSK	50	0	20.36	20.47	20.37	21.50
10	16QAM	1	0	20.41	20.51	20.59	21.50
10	16QAM	1	25	20.34	20.46	20.46	21.50
10	16QAM	1	49	20.44	20.46	20.52	21.50
10	16QAM	25	0	20.36	20.51	20.47	21.50
10	16QAM	25	12	20.37	20.38	20.40	21.50
10	16QAM	25	25	20.32	20.40	20.51	21.50
10	16QAM	50	0	20.35	20.48	20.39	21.50
10	64QAM	1	0	20.47	20.54	20.54	21.50
10	64QAM	1	25	20.31	20.45	20.52	21.50
10	64QAM	1	49	20.37	20.49	20.46	21.50
10	64QAM	25	0	20.39	20.54	20.40	21.50
10	64QAM	25	12	20.36	20.36	20.41	21.50
10	64QAM	25	25	20.38	20.41	20.31	21.50
10	64QAM	50	0	20.22	20.49	20.31	21.50
10	256QAM	1	0	19.06	19.35	19.30	20.10
10	256QAM	1	25	19.17	19.15	19.46	20.10
10	256QAM	1	49	19.15	19.44	19.42	20.10
10	256QAM	25	0	19.06	19.12	19.34	20.10
10	256QAM	25	12	19.03	19.11	19.36	20.10
10	256QAM	25	25	19.10	19.30	19.29	20.10
10	256QAM	50	0	19.02	19.17	19.28	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	20.49	20.61	20.52	21.50
5	QPSK	1	12	20.34	20.48	20.49	21.50
5	QPSK	1	24	20.46	20.57	20.51	21.50
5	QPSK	12	0	20.35	20.46	20.47	21.50
5	QPSK	12	7	20.30	20.45	20.47	21.50
5	QPSK	12	13	20.37	20.48	20.46	21.50
5	QPSK	25	0	20.31	20.54	20.48	21.50



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5	16QAM	1	0	20.32	20.48	20.48	21.50
5	16QAM	1	12	20.42	20.47	20.49	21.50
5	16QAM	1	24	20.36	20.37	20.51	21.50
5	16QAM	12	0	20.32	20.42	20.39	21.50
5	16QAM	12	7	20.30	20.35	20.44	21.50
5	16QAM	12	13	20.31	20.44	20.53	21.50
5	16QAM	25	0	20.37	20.46	20.30	21.50
5	64QAM	1	0	20.51	20.44	20.42	21.50
5	64QAM	1	12	20.41	20.41	20.46	21.50
5	64QAM	1	24	20.32	20.53	20.48	21.50
5	64QAM	12	0	20.30	20.44	20.36	21.50
5	64QAM	12	7	20.26	20.36	20.35	21.50
5	64QAM	12	13	20.26	20.43	20.38	21.50
5	64QAM	25	0	20.22	20.44	20.27	21.50
5	256QAM	1	0	19.06	19.32	19.34	20.10
5	256QAM	1	12	19.18	19.16	19.47	20.10
5	256QAM	1	24	19.23	19.44	19.42	20.10
5	256QAM	12	0	19.04	19.15	19.39	20.10
5	256QAM	12	7	19.07	19.21	19.35	20.10
5	256QAM	12	13	19.02	19.22	19.37	20.10
5	256QAM	25	0	19.00	19.20	19.27	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	20.53	20.53	20.62	21.50
3	QPSK	1	8	20.41	20.46	20.53	21.50
3	QPSK	1	14	20.42	20.46	20.53	21.50
3	QPSK	8	0	20.41	20.51	20.53	21.50
3	QPSK	8	4	20.37	20.38	20.51	21.50
3	QPSK	8	7	20.40	20.47	20.42	21.50
3	QPSK	15	0	20.39	20.48	20.49	21.50
3	16QAM	1	0	20.42	20.47	20.55	21.50
3	16QAM	1	8	20.37	20.53	20.55	21.50
3	16QAM	1	14	20.45	20.38	20.46	21.50
3	16QAM	8	0	20.39	20.51	20.46	21.50
3	16QAM	8	4	20.31	20.45	20.36	21.50
3	16QAM	8	7	20.36	20.43	20.43	21.50
3	16QAM	15	0	20.36	20.45	20.38	21.50
3	64QAM	1	0	20.39	20.55	20.50	21.50
3	64QAM	1	8	20.38	20.41	20.46	21.50
3	64QAM	1	14	20.41	20.42	20.50	21.50
3	64QAM	8	0	20.34	20.41	20.43	21.50
3	64QAM	8	4	20.37	20.43	20.44	21.50
3	64QAM	8	7	20.30	20.37	20.36	21.50
3	64QAM	15	0	20.32	20.48	20.38	21.50
3	256QAM	1	0	19.11	19.38	19.32	20.10
3	256QAM	1	8	19.20	19.23	19.43	20.10
3	256QAM	1	14	19.22	19.49	19.40	20.10
3	256QAM	8	0	18.99	19.14	19.40	20.10
3	256QAM	8	4	19.02	19.14	19.28	20.10
3	256QAM	8	7	19.10	19.28	19.38	20.10
3	256QAM	15	0	19.04	19.15	19.29	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	20.53	20.49	20.50	21.50
1.4	QPSK	1	3	20.43	20.47	20.55	21.50
1.4	QPSK	1	5	20.41	20.46	20.52	21.50
1.4	QPSK	3	0	20.47	20.53	20.44	21.50
1.4	QPSK	3	1	20.31	20.36	20.42	21.50
1.4	QPSK	3	3	20.39	20.51	20.50	21.50
1.4	QPSK	6	0	20.32	20.51	20.42	21.50
1.4	16QAM	1	0	20.37	20.47	20.52	21.50
1.4	16QAM	1	3	20.42	20.55	20.43	21.50
1.4	16QAM	1	5	20.43	20.37	20.44	21.50
1.4	16QAM	3	0	20.38	20.46	20.43	21.50
1.4	16QAM	3	1	20.32	20.45	20.40	21.50
1.4	16QAM	3	3	20.36	20.39	20.49	21.50
1.4	16QAM	6	0	20.32	20.45	20.30	21.50
1.4	64QAM	1	0	20.47	20.57	20.51	21.50
1.4	64QAM	1	3	20.38	20.42	20.47	21.50
1.4	64QAM	1	5	20.38	20.47	20.47	21.50
1.4	64QAM	3	0	20.51	20.62	20.54	21.50
1.4	64QAM	3	1	20.47	20.57	20.67	21.50
1.4	64QAM	3	3	20.56	20.57	20.59	21.50
1.4	64QAM	6	0	20.34	20.42	20.28	21.50
1.4	256QAM	1	0	19.16	19.36	19.42	20.10
1.4	256QAM	1	3	19.13	19.20	19.40	20.10
1.4	256QAM	1	5	19.24	19.40	19.50	20.10
1.4	256QAM	3	0	18.95	19.06	19.29	20.10

1.4	256QAM	3	1	19.02	19.20	19.30	20.10
1.4	256QAM	3	3	19.16	19.30	19.34	20.10
1.4	256QAM	6	0	19.13	19.15	19.37	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 1_ECI 6】

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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.11	23.24	23.29	23.50
15	QPSK	1	37	23.13	23.15	23.30	23.50
15	QPSK	1	74	23.19	23.38	23.50	23.50
15	QPSK	36	0	23.01	23.10	23.26	23.50
15	QPSK	36	20	23.02	23.08	23.24	23.50
15	QPSK	36	39	23.05	23.17	23.33	23.50
15	QPSK	75	0	23.03	23.12	23.29	23.50
15	16QAM	1	0	23.39	23.36	23.47	23.50
15	16QAM	1	37	23.32	23.47	23.42	23.50
15	16QAM	1	74	23.43	23.41	23.49	23.50
15	16QAM	36	0	22.06	22.14	22.30	23.10
15	16QAM	36	20	22.07	22.16	22.29	23.10
15	16QAM	36	39	22.09	22.21	22.39	23.10
15	16QAM	75	0	22.06	22.14	22.33	23.10
15	64QAM	1	0	22.24	22.27	22.43	23.10
15	64QAM	1	37	22.28	22.31	22.34	23.10
15	64QAM	1	74	22.28	22.41	22.64	23.10
15	64QAM	36	0	21.09	21.19	21.34	22.10
15	64QAM	36	20	21.14	21.21	21.35	22.10
15	64QAM	36	39	21.13	21.27	21.40	22.10
15	64QAM	75	0	21.10	21.19	21.34	22.10
15	256QAM	1	0	19.19	19.30	19.42	20.10
15	256QAM	1	37	19.14	19.22	19.42	20.10
15	256QAM	1	74	19.26	19.45	19.55	20.10
15	256QAM	36	0	19.09	19.17	19.36	20.10
15	256QAM	36	20	19.11	19.18	19.35	20.10
15	256QAM	36	39	19.12	19.28	19.38	20.10
15	256QAM	75	0	19.13	19.22	19.37	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.97	23.17	23.14	23.50
10	QPSK	1	25	23.00	23.09	23.22	23.50
10	QPSK	1	49	23.10	23.24	23.28	23.50
10	QPSK	25	0	22.97	23.03	23.16	23.50
10	QPSK	25	12	22.93	22.96	23.22	23.50
10	QPSK	25	25	22.96	23.08	23.28	23.50
10	QPSK	50	0	23.02	23.08	23.18	23.50
10	16QAM	1	0	23.10	23.21	23.28	23.50
10	16QAM	1	25	23.11	23.24	23.29	23.50
10	16QAM	1	49	23.10	23.24	23.29	23.50
10	16QAM	25	0	21.91	22.03	22.24	23.10
10	16QAM	25	12	21.96	22.09	22.19	23.10
10	16QAM	25	25	22.03	22.08	22.31	23.10
10	16QAM	50	0	22.04	22.12	22.22	23.10
10	64QAM	1	0	22.15	22.22	22.36	23.10
10	64QAM	1	25	22.16	22.21	22.28	23.10
10	64QAM	1	49	22.21	22.27	22.58	23.10
10	64QAM	25	0	21.06	21.15	21.21	22.10
10	64QAM	25	12	21.00	21.12	21.26	22.10
10	64QAM	25	25	21.06	21.17	21.35	22.10
10	64QAM	50	0	20.97	21.16	21.24	22.10
10	256QAM	1	0	19.06	19.24	19.39	20.10
10	256QAM	1	25	19.07	19.12	19.39	20.10
10	256QAM	1	49	19.20	19.42	19.44	20.10
10	256QAM	25	0	19.00	19.10	19.24	20.10
10	256QAM	25	12	18.99	19.08	19.29	20.10
10	256QAM	25	25	19.03	19.17	19.30	20.10
10	256QAM	50	0	19.02	19.19	19.31	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.07	23.15	23.17	23.50
5	QPSK	1	12	23.03	23.04	23.28	23.50
5	QPSK	1	24	23.10	23.23	23.28	23.50
5	QPSK	12	0	22.88	23.04	23.16	23.50
5	QPSK	12	7	22.95	23.05	23.17	23.50
5	QPSK	12	13	23.03	23.11	23.29	23.50
5	QPSK	25	0	23.01	23.11	23.18	23.50

5	16QAM	1	0	23.10	23.24	23.29	23.50
5	16QAM	1	12	23.11	23.24	23.29	23.50
5	16QAM	1	24	23.11	23.22	23.28	23.50
5	16QAM	12	0	22.00	22.02	22.27	23.10
5	16QAM	12	7	22.04	22.11	22.24	23.10
5	16QAM	12	13	22.00	22.18	22.32	23.10
5	16QAM	25	0	22.00	22.10	22.29	23.10
5	64QAM	1	0	22.14	22.22	22.42	23.10
5	64QAM	1	12	22.20	22.20	22.30	23.10
5	64QAM	1	24	22.24	22.37	22.62	23.10
5	64QAM	12	0	20.95	21.05	21.22	22.10
5	64QAM	12	7	21.12	21.14	21.29	22.10
5	64QAM	12	13	20.98	21.25	21.28	22.10
5	64QAM	25	0	21.04	21.17	21.32	22.10
5	256QAM	1	0	19.17	19.20	19.37	20.10
5	256QAM	1	12	19.05	19.15	19.33	20.10
5	256QAM	1	24	19.21	19.39	19.45	20.10
5	256QAM	12	0	19.02	19.03	19.25	20.10
5	256QAM	12	7	18.99	19.13	19.25	20.10
5	256QAM	12	13	19.00	19.24	19.26	20.10
5	256QAM	25	0	19.03	19.18	19.27	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.13	23.16	23.50
3	QPSK	1	8	23.07	23.13	23.28	23.50
3	QPSK	1	14	23.10	23.23	23.28	23.50
3	QPSK	8	0	23.00	23.02	23.11	23.50
3	QPSK	8	4	22.97	22.93	23.11	23.50
3	QPSK	8	7	22.90	23.13	23.20	23.50
3	QPSK	15	0	22.91	23.02	23.20	23.50
3	16QAM	1	0	23.11	23.23	23.28	23.50
3	16QAM	1	8	23.09	23.22	23.27	23.50
3	16QAM	1	14	23.11	23.23	23.28	23.50
3	16QAM	8	0	21.94	22.09	22.25	23.10
3	16QAM	8	4	21.95	22.04	22.24	23.10
3	16QAM	8	7	21.96	22.18	22.33	23.10
3	16QAM	15	0	22.01	22.01	22.28	23.10
3	64QAM	1	0	22.19	22.15	22.36	23.10
3	64QAM	1	8	22.22	22.29	22.27	23.10
3	64QAM	1	14	22.16	22.36	22.58	23.10
3	64QAM	8	0	20.96	21.14	21.19	22.10
3	64QAM	8	4	21.10	21.10	21.22	22.10
3	64QAM	8	7	20.98	21.21	21.26	22.10
3	64QAM	15	0	21.03	21.05	21.29	22.10
3	256QAM	1	0	19.08	19.20	19.30	20.10
3	256QAM	1	8	19.04	19.18	19.33	20.10
3	256QAM	1	14	19.12	19.38	19.40	20.10
3	256QAM	8	0	18.98	19.11	19.25	20.10
3	256QAM	8	4	18.99	19.13	19.31	20.10
3	256QAM	8	7	19.01	19.16	19.27	20.10
3	256QAM	15	0	19.01	19.08	19.28	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.96	23.13	23.38	23.50
1.4	QPSK	1	3	22.93	23.07	23.34	23.50
1.4	QPSK	1	5	22.96	23.18	23.39	23.50
1.4	QPSK	3	0	22.90	23.03	23.32	23.50
1.4	QPSK	3	1	22.90	23.00	23.30	23.50
1.4	QPSK	3	3	22.90	23.04	23.32	23.50
1.4	QPSK	6	0	22.91	23.03	23.33	23.50
1.4	16QAM	1	0	23.11	23.31	23.42	23.50
1.4	16QAM	1	3	23.14	23.17	23.43	23.50
1.4	16QAM	1	5	23.13	23.36	23.49	23.50
1.4	16QAM	3	0	22.85	22.98	23.31	23.50
1.4	16QAM	3	1	22.83	23.01	23.33	23.50
1.4	16QAM	3	3	22.91	23.04	23.31	23.50
1.4	16QAM	6	0	21.95	22.08	22.42	23.10
1.4	64QAM	1	0	22.12	22.28	22.52	23.10
1.4	64QAM	1	3	22.06	22.21	22.45	23.10
1.4	64QAM	1	5	22.10	22.30	22.54	23.10
1.4	64QAM	3	0	22.02	22.16	22.48	23.10
1.4	64QAM	3	1	21.97	22.16	22.41	23.10
1.4	64QAM	3	3	22.02	22.18	22.43	23.10
1.4	64QAM	6	0	20.90	21.02	21.31	22.10
1.4	256QAM	1	0	18.99	19.19	19.45	20.10
1.4	256QAM	1	3	18.99	19.14	19.45	20.10
1.4	256QAM	1	5	19.09	19.26	19.48	20.10
1.4	256QAM	3	0	18.98	19.18	19.48	20.10

1.4	256QAM	3	1	19.01	19.18	19.46	20.10
1.4	256QAM	3	3	19.02	19.16	19.45	20.10
1.4	256QAM	6	0	18.90	19.07	19.38	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 1_ECI 4】

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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.11	23.24	23.29	24.20
15	QPSK	1	37	23.13	23.15	23.30	24.20
15	QPSK	1	74	23.19	23.38	23.50	24.20
15	QPSK	36	0	23.01	23.10	23.26	24.10
15	QPSK	36	20	23.02	23.08	23.24	24.10
15	QPSK	36	39	23.05	23.17	23.33	24.10
15	QPSK	75	0	23.03	23.12	23.29	24.10
15	16QAM	1	0	23.39	23.36	23.47	24.10
15	16QAM	1	37	23.32	23.47	23.42	24.10
15	16QAM	1	74	23.43	23.41	23.49	24.10
15	16QAM	36	0	22.06	22.14	22.30	23.10
15	16QAM	36	20	22.07	22.16	22.29	23.10
15	16QAM	36	39	22.09	22.21	22.39	23.10
15	16QAM	75	0	22.06	22.14	22.33	23.10
15	64QAM	1	0	22.24	22.27	22.43	23.10
15	64QAM	1	37	22.28	22.31	22.34	23.10
15	64QAM	1	74	22.28	22.41	22.64	23.10
15	64QAM	36	0	21.09	21.19	21.34	22.10
15	64QAM	36	20	21.14	21.21	21.35	22.10
15	64QAM	36	39	21.13	21.27	21.40	22.10
15	64QAM	75	0	21.10	21.19	21.34	22.10
15	256QAM	1	0	19.19	19.30	19.42	20.10
15	256QAM	1	37	19.14	19.22	19.42	20.10
15	256QAM	1	74	19.26	19.45	19.55	20.10
15	256QAM	36	0	19.09	19.17	19.36	20.10
15	256QAM	36	20	19.11	19.18	19.35	20.10
15	256QAM	36	39	19.12	19.28	19.38	20.10
15	256QAM	75	0	19.13	19.22	19.37	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.97	23.17	23.14	24.20
10	QPSK	1	25	23.00	23.09	23.22	24.20
10	QPSK	1	49	23.10	23.24	23.28	24.20
10	QPSK	25	0	22.97	23.03	23.16	24.10
10	QPSK	25	12	22.93	22.96	23.22	24.10
10	QPSK	25	25	22.96	23.08	23.28	24.10
10	QPSK	50	0	23.02	23.08	23.18	24.10
10	16QAM	1	0	23.10	23.21	23.28	24.10
10	16QAM	1	25	23.11	23.24	23.29	24.10
10	16QAM	1	49	23.10	23.24	23.29	24.10
10	16QAM	25	0	21.91	22.03	22.24	23.10
10	16QAM	25	12	21.96	22.09	22.19	23.10
10	16QAM	25	25	22.03	22.08	22.31	23.10
10	16QAM	50	0	22.04	22.12	22.22	23.10
10	64QAM	1	0	22.15	22.22	22.36	23.10
10	64QAM	1	25	22.16	22.21	22.28	23.10
10	64QAM	1	49	22.21	22.27	22.58	23.10
10	64QAM	25	0	21.06	21.15	21.21	22.10
10	64QAM	25	12	21.00	21.12	21.26	22.10
10	64QAM	25	25	21.06	21.17	21.35	22.10
10	64QAM	50	0	20.97	21.16	21.24	22.10
10	256QAM	1	0	19.06	19.24	19.39	20.10
10	256QAM	1	25	19.07	19.12	19.39	20.10
10	256QAM	1	49	19.20	19.42	19.44	20.10
10	256QAM	25	0	19.00	19.10	19.24	20.10
10	256QAM	25	12	18.99	19.08	19.29	20.10
10	256QAM	25	25	19.03	19.17	19.30	20.10
10	256QAM	50	0	19.02	19.19	19.31	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.07	23.15	23.17	24.20
5	QPSK	1	12	23.03	23.04	23.28	24.20
5	QPSK	1	24	23.10	23.23	23.28	24.20
5	QPSK	12	0	22.88	23.04	23.16	24.10
5	QPSK	12	7	22.95	23.05	23.17	24.10
5	QPSK	12	13	23.03	23.11	23.29	24.10
5	QPSK	25	0	23.01	23.11	23.18	24.10
5	16QAM	1	0	23.10	23.24	23.29	24.10

5	16QAM	1	12	23.11	23.24	23.29	24.10
5	16QAM	1	24	23.11	23.22	23.28	24.10
5	16QAM	12	0	22.00	22.02	22.27	23.10
5	16QAM	12	7	22.04	22.11	22.24	23.10
5	16QAM	12	13	22.00	22.18	22.32	23.10
5	16QAM	25	0	22.00	22.10	22.29	23.10
5	64QAM	1	0	22.14	22.22	22.42	23.10
5	64QAM	1	12	22.20	22.20	22.30	23.10
5	64QAM	1	24	22.24	22.37	22.62	23.10
5	64QAM	12	0	20.95	21.05	21.22	22.10
5	64QAM	12	7	21.12	21.14	21.29	22.10
5	64QAM	12	13	20.98	21.25	21.28	22.10
5	64QAM	25	0	21.04	21.17	21.32	22.10
5	256QAM	1	0	19.17	19.20	19.37	20.10
5	256QAM	1	12	19.05	19.15	19.33	20.10
5	256QAM	1	24	19.21	19.39	19.45	20.10
5	256QAM	12	0	19.02	19.03	19.25	20.10
5	256QAM	12	7	18.99	19.13	19.25	20.10
5	256QAM	12	13	19.00	19.24	19.26	20.10
5	256QAM	25	0	19.03	19.18	19.27	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.13	23.16	24.20
3	QPSK	1	8	23.07	23.13	23.28	24.20
3	QPSK	1	14	23.10	23.23	23.28	24.20
3	QPSK	8	0	23.00	23.02	23.11	24.10
3	QPSK	8	4	22.97	22.93	23.11	24.10
3	QPSK	8	7	22.90	23.13	23.20	24.10
3	QPSK	15	0	22.91	23.02	23.20	24.10
3	16QAM	1	0	23.11	23.23	23.28	24.10
3	16QAM	1	8	23.09	23.22	23.27	24.10
3	16QAM	1	14	23.11	23.23	23.28	24.10
3	16QAM	8	0	21.94	22.09	22.25	23.10
3	16QAM	8	4	21.95	22.04	22.24	23.10
3	16QAM	8	7	21.96	22.18	22.33	23.10
3	16QAM	15	0	22.01	22.01	22.28	23.10
3	64QAM	1	0	22.19	22.15	22.36	23.10
3	64QAM	1	8	22.22	22.29	22.27	23.10
3	64QAM	1	14	22.16	22.36	22.58	23.10
3	64QAM	8	0	20.96	21.14	21.19	22.10
3	64QAM	8	4	21.10	21.10	21.22	22.10
3	64QAM	8	7	20.98	21.21	21.26	22.10
3	64QAM	15	0	21.03	21.05	21.29	22.10
3	256QAM	1	0	19.08	19.20	19.30	20.10
3	256QAM	1	8	19.04	19.18	19.33	20.10
3	256QAM	1	14	19.12	19.38	19.40	20.10
3	256QAM	8	0	18.98	19.11	19.25	20.10
3	256QAM	8	4	18.99	19.13	19.31	20.10
3	256QAM	8	7	19.01	19.16	19.27	20.10
3	256QAM	15	0	19.01	19.08	19.28	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.96	23.13	23.38	24.20
1.4	QPSK	1	3	22.93	23.07	23.34	24.20
1.4	QPSK	1	5	22.96	23.18	23.39	24.20
1.4	QPSK	3	0	22.90	23.03	23.32	24.20
1.4	QPSK	3	1	22.90	23.00	23.30	24.20
1.4	QPSK	3	3	22.90	23.04	23.32	24.20
1.4	QPSK	6	0	22.91	23.03	23.33	24.10
1.4	16QAM	1	0	23.11	23.31	23.42	24.10
1.4	16QAM	1	3	23.14	23.17	23.43	24.10
1.4	16QAM	1	5	23.13	23.36	23.49	24.10
1.4	16QAM	3	0	22.85	22.98	23.31	24.10
1.4	16QAM	3	1	22.83	23.01	23.33	24.10
1.4	16QAM	3	3	22.91	23.04	23.31	24.10
1.4	16QAM	6	0	21.95	22.08	22.42	23.10
1.4	64QAM	1	0	22.12	22.28	22.52	23.10
1.4	64QAM	1	3	22.06	22.21	22.45	23.10
1.4	64QAM	1	5	22.10	22.30	22.54	23.10
1.4	64QAM	3	0	22.02	22.16	22.48	23.10
1.4	64QAM	3	1	21.97	22.16	22.41	23.10
1.4	64QAM	3	3	22.02	22.18	22.43	23.10
1.4	64QAM	6	0	20.90	21.02	21.31	22.10
1.4	256QAM	1	0	18.99	19.19	19.45	20.10
1.4	256QAM	1	3	18.99	19.14	19.45	20.10
1.4	256QAM	1	5	19.09	19.26	19.48	20.10
1.4	256QAM	3	0	18.98	19.18	19.48	20.10
1.4	256QAM	3	1	19.01	19.18	19.46	20.10

1.4	256QAM	3	3	19.02	19.16	19.45	20.10
1.4	256QAM	6	0	18.90	19.07	19.38	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 1_ECI 5】

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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.11	23.24	23.29	23.50
15	QPSK	1	37	23.13	23.15	23.30	23.50
15	QPSK	1	74	23.19	23.38	23.50	23.50
15	QPSK	36	0	23.01	23.10	23.26	23.50
15	QPSK	36	20	23.02	23.08	23.24	23.50
15	QPSK	36	39	23.05	23.17	23.33	23.50
15	QPSK	75	0	23.03	23.12	23.29	23.50
15	16QAM	1	0	23.39	23.36	23.47	23.50
15	16QAM	1	37	23.32	23.47	23.42	23.50
15	16QAM	1	74	23.43	23.41	23.49	23.50
15	16QAM	36	0	22.06	22.14	22.30	23.10
15	16QAM	36	20	22.07	22.16	22.29	23.10
15	16QAM	36	39	22.09	22.21	22.39	23.10
15	16QAM	75	0	22.06	22.14	22.33	23.10
15	64QAM	1	0	22.24	22.27	22.43	23.10
15	64QAM	1	37	22.28	22.31	22.34	23.10
15	64QAM	1	74	22.28	22.41	22.64	23.10
15	64QAM	36	0	21.09	21.19	21.34	22.10
15	64QAM	36	20	21.14	21.21	21.35	22.10
15	64QAM	36	39	21.13	21.27	21.40	22.10
15	64QAM	75	0	21.10	21.19	21.34	22.10
15	256QAM	1	0	19.19	19.30	19.42	20.10
15	256QAM	1	37	19.14	19.22	19.42	20.10
15	256QAM	1	74	19.26	19.45	19.55	20.10
15	256QAM	36	0	19.09	19.17	19.36	20.10
15	256QAM	36	20	19.11	19.18	19.35	20.10
15	256QAM	36	39	19.12	19.28	19.38	20.10
15	256QAM	75	0	19.13	19.22	19.37	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.97	23.17	23.14	23.50
10	QPSK	1	25	23.00	23.09	23.22	23.50
10	QPSK	1	49	23.10	23.24	23.28	23.50
10	QPSK	25	0	22.97	23.03	23.16	23.50
10	QPSK	25	12	22.93	22.96	23.22	23.50
10	QPSK	25	25	22.96	23.08	23.28	23.50
10	QPSK	50	0	23.02	23.08	23.18	23.50
10	16QAM	1	0	23.10	23.21	23.28	23.50
10	16QAM	1	25	23.11	23.24	23.29	23.50
10	16QAM	1	49	23.10	23.24	23.29	23.50
10	16QAM	25	0	21.91	22.03	22.24	23.10
10	16QAM	25	12	21.96	22.09	22.19	23.10
10	16QAM	25	25	22.03	22.08	22.31	23.10
10	16QAM	50	0	22.04	22.12	22.22	23.10
10	64QAM	1	0	22.15	22.22	22.36	23.10
10	64QAM	1	25	22.16	22.21	22.28	23.10
10	64QAM	1	49	22.21	22.27	22.58	23.10
10	64QAM	25	0	21.06	21.15	21.21	22.10
10	64QAM	25	12	21.00	21.12	21.26	22.10
10	64QAM	25	25	21.06	21.17	21.35	22.10
10	64QAM	50	0	20.97	21.16	21.24	22.10
10	256QAM	1	0	19.06	19.24	19.39	20.10
10	256QAM	1	25	19.07	19.12	19.39	20.10
10	256QAM	1	49	19.20	19.42	19.44	20.10
10	256QAM	25	0	19.00	19.10	19.24	20.10
10	256QAM	25	12	18.99	19.08	19.29	20.10
10	256QAM	25	25	19.03	19.17	19.30	20.10
10	256QAM	50	0	19.02	19.19	19.31	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.07	23.15	23.17	23.50
5	QPSK	1	12	23.03	23.04	23.28	23.50
5	QPSK	1	24	23.10	23.23	23.28	23.50
5	QPSK	12	0	22.88	23.04	23.16	23.50
5	QPSK	12	7	22.95	23.05	23.17	23.50
5	QPSK	12	13	23.03	23.11	23.29	23.50
5	QPSK	25	0	23.01	23.11	23.18	23.50

5	16QAM	1	0	23.10	23.24	23.29	23.50
5	16QAM	1	12	23.11	23.24	23.29	23.50
5	16QAM	1	24	23.11	23.22	23.28	23.50
5	16QAM	12	0	22.00	22.02	22.27	23.10
5	16QAM	12	7	22.04	22.11	22.24	23.10
5	16QAM	12	13	22.00	22.18	22.32	23.10
5	16QAM	25	0	22.00	22.10	22.29	23.10
5	64QAM	1	0	22.14	22.22	22.42	23.10
5	64QAM	1	12	22.20	22.20	22.30	23.10
5	64QAM	1	24	22.24	22.37	22.62	23.10
5	64QAM	12	0	20.95	21.05	21.22	22.10
5	64QAM	12	7	21.12	21.14	21.29	22.10
5	64QAM	12	13	20.98	21.25	21.28	22.10
5	64QAM	25	0	21.04	21.17	21.32	22.10
5	256QAM	1	0	19.17	19.20	19.37	20.10
5	256QAM	1	12	19.05	19.15	19.33	20.10
5	256QAM	1	24	19.21	19.39	19.45	20.10
5	256QAM	12	0	19.02	19.03	19.25	20.10
5	256QAM	12	7	18.99	19.13	19.25	20.10
5	256QAM	12	13	19.00	19.24	19.26	20.10
5	256QAM	25	0	19.03	19.18	19.27	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.13	23.16	23.50
3	QPSK	1	8	23.07	23.13	23.28	23.50
3	QPSK	1	14	23.10	23.23	23.28	23.50
3	QPSK	8	0	23.00	23.02	23.11	23.50
3	QPSK	8	4	22.97	22.93	23.11	23.50
3	QPSK	8	7	22.90	23.13	23.20	23.50
3	QPSK	15	0	22.91	23.02	23.20	23.50
3	16QAM	1	0	23.11	23.23	23.28	23.50
3	16QAM	1	8	23.09	23.22	23.27	23.50
3	16QAM	1	14	23.11	23.23	23.28	23.50
3	16QAM	8	0	21.94	22.09	22.25	23.10
3	16QAM	8	4	21.95	22.04	22.24	23.10
3	16QAM	8	7	21.96	22.18	22.33	23.10
3	16QAM	15	0	22.01	22.01	22.28	23.10
3	64QAM	1	0	22.19	22.15	22.36	23.10
3	64QAM	1	8	22.22	22.29	22.27	23.10
3	64QAM	1	14	22.16	22.36	22.58	23.10
3	64QAM	8	0	20.96	21.14	21.19	22.10
3	64QAM	8	4	21.10	21.10	21.22	22.10
3	64QAM	8	7	20.98	21.21	21.26	22.10
3	64QAM	15	0	21.03	21.05	21.29	22.10
3	256QAM	1	0	19.08	19.20	19.30	20.10
3	256QAM	1	8	19.04	19.18	19.33	20.10
3	256QAM	1	14	19.12	19.38	19.40	20.10
3	256QAM	8	0	18.98	19.11	19.25	20.10
3	256QAM	8	4	18.99	19.13	19.31	20.10
3	256QAM	8	7	19.01	19.16	19.27	20.10
3	256QAM	15	0	19.01	19.08	19.28	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.96	23.13	23.38	23.50
1.4	QPSK	1	3	22.93	23.07	23.34	23.50
1.4	QPSK	1	5	22.96	23.18	23.39	23.50
1.4	QPSK	3	0	22.90	23.03	23.32	23.50
1.4	QPSK	3	1	22.90	23.00	23.30	23.50
1.4	QPSK	3	3	22.90	23.04	23.32	23.50
1.4	QPSK	6	0	22.91	23.03	23.33	23.50
1.4	16QAM	1	0	23.11	23.31	23.42	23.50
1.4	16QAM	1	3	23.14	23.17	23.43	23.50
1.4	16QAM	1	5	23.13	23.36	23.49	23.50
1.4	16QAM	3	0	22.85	22.98	23.31	23.50
1.4	16QAM	3	1	22.83	23.01	23.33	23.50
1.4	16QAM	3	3	22.91	23.04	23.31	23.50
1.4	16QAM	6	0	21.95	22.08	22.42	23.10
1.4	64QAM	1	0	22.12	22.28	22.52	23.10
1.4	64QAM	1	3	22.06	22.21	22.45	23.10
1.4	64QAM	1	5	22.10	22.30	22.54	23.10
1.4	64QAM	3	0	22.02	22.16	22.48	23.10
1.4	64QAM	3	1	21.97	22.16	22.41	23.10
1.4	64QAM	3	3	22.02	22.18	22.43	23.10
1.4	64QAM	6	0	20.90	21.02	21.31	22.10
1.4	256QAM	1	0	18.99	19.19	19.45	20.10
1.4	256QAM	1	3	18.99	19.14	19.45	20.10
1.4	256QAM	1	5	19.09	19.26	19.48	20.10
1.4	256QAM	3	0	18.98	19.18	19.48	20.10

1.4	256QAM	3	1	19.01	19.18	19.46	20.10
1.4	256QAM	3	3	19.02	19.16	19.45	20.10
1.4	256QAM	6	0	18.90	19.07	19.38	20.10

【LTE Band 30_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		23.85		23.90
10	QPSK	1	25		23.83		23.90
10	QPSK	1	49		23.79		23.90
10	QPSK	25	0		22.80		22.90
10	QPSK	25	12		22.78		22.90
10	QPSK	25	25		22.72		22.90
10	QPSK	50	0		22.70		22.90
10	16QAM	1	0		22.89		22.90
10	16QAM	1	25		22.85		22.90
10	16QAM	1	49		22.90		22.90
10	16QAM	25	0		21.79		21.90
10	16QAM	25	12		21.81		21.90
10	16QAM	25	25		21.72		21.90
10	16QAM	50	0		21.73		21.90
10	64QAM	1	0		21.88		21.90
10	64QAM	1	25		21.89		21.90
10	64QAM	1	49		21.85		21.90
10	64QAM	25	0		20.77		20.90
10	64QAM	25	12		20.82		20.90
10	64QAM	25	25		20.73		20.90
10	64QAM	50	0		20.76		20.90
10	256QAM	1	0		18.88		18.90
10	256QAM	1	25		18.88		18.90
10	256QAM	1	49		18.82		18.90
10	256QAM	25	0		18.79		18.90
10	256QAM	25	12		18.83		18.90
10	256QAM	25	25		18.77		18.90
10	256QAM	50	0		18.79		18.90
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	23.68	23.68	23.67	23.90
5	QPSK	1	12	23.63	23.63	23.63	23.90
5	QPSK	1	24	23.64	23.67	23.63	23.90
5	QPSK	12	0	22.64	22.68	22.69	22.90
5	QPSK	12	7	22.68	22.59	22.60	22.90
5	QPSK	12	13	22.57	22.52	22.61	22.90
5	QPSK	25	0	22.51	22.55	22.55	22.90
5	16QAM	1	0	22.75	22.71	22.71	22.90
5	16QAM	1	12	22.70	22.67	22.72	22.90
5	16QAM	1	24	22.79	22.73	22.75	22.90
5	16QAM	12	0	21.64	21.69	21.64	21.90
5	16QAM	12	7	21.64	21.68	21.67	21.90
5	16QAM	12	13	21.60	21.57	21.52	21.90
5	16QAM	25	0	21.55	21.55	21.61	21.90
5	64QAM	1	0	21.69	21.76	21.68	21.90
5	64QAM	1	12	21.76	21.74	21.71	21.90
5	64QAM	1	24	21.74	21.70	21.66	21.90
5	64QAM	12	0	20.65	20.64	20.60	20.90
5	64QAM	12	7	20.66	20.69	20.68	20.90
5	64QAM	12	13	20.55	20.54	20.63	20.90
5	64QAM	25	0	20.62	20.59	20.64	20.90
5	256QAM	1	0	18.68	18.78	18.73	18.90
5	256QAM	1	12	18.76	18.68	18.70	18.90
5	256QAM	1	24	18.64	18.71	18.65	18.90
5	256QAM	12	0	18.60	18.64	18.63	18.90
5	256QAM	12	7	18.64	18.63	18.68	18.90
5	256QAM	12	13	18.57	18.61	18.64	18.90
5	256QAM	25	0	18.65	18.62	18.64	18.90

【LTE Band 30_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		23.85		23.90
10	QPSK	1	25		23.83		23.90
10	QPSK	1	49		23.79		23.90
10	QPSK	25	0		22.80		22.90
10	QPSK	25	12		22.78		22.90
10	QPSK	25	25		22.72		22.90
10	QPSK	50	0		22.70		22.90
10	16QAM	1	0		22.89		22.90
10	16QAM	1	25		22.85		22.90
10	16QAM	1	49		22.90		22.90
10	16QAM	25	0		21.79		21.90
10	16QAM	25	12		21.81		21.90
10	16QAM	25	25		21.72		21.90
10	16QAM	50	0		21.73		21.90
10	64QAM	1	0		21.88		21.90
10	64QAM	1	25		21.89		21.90
10	64QAM	1	49		21.85		21.90
10	64QAM	25	0		20.77		20.90
10	64QAM	25	12		20.82		20.90
10	64QAM	25	25		20.73		20.90
10	64QAM	50	0		20.76		20.90
10	256QAM	1	0		18.88		18.90
10	256QAM	1	25		18.88		18.90
10	256QAM	1	49		18.82		18.90
10	256QAM	25	0		18.79		18.90
10	256QAM	25	12		18.83		18.90
10	256QAM	25	25		18.77		18.90
10	256QAM	50	0		18.79		18.90
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	23.68	23.68	23.67	23.90
5	QPSK	1	12	23.63	23.63	23.63	23.90
5	QPSK	1	24	23.64	23.67	23.63	23.90
5	QPSK	12	0	22.64	22.68	22.69	22.90
5	QPSK	12	7	22.68	22.59	22.60	22.90
5	QPSK	12	13	22.57	22.52	22.61	22.90
5	QPSK	25	0	22.51	22.55	22.55	22.90
5	16QAM	1	0	22.75	22.71	22.71	22.90
5	16QAM	1	12	22.70	22.67	22.72	22.90
5	16QAM	1	24	22.79	22.73	22.75	22.90
5	16QAM	12	0	21.64	21.69	21.64	21.90
5	16QAM	12	7	21.64	21.68	21.67	21.90
5	16QAM	12	13	21.60	21.57	21.52	21.90
5	16QAM	25	0	21.55	21.55	21.61	21.90
5	64QAM	1	0	21.69	21.76	21.68	21.90
5	64QAM	1	12	21.76	21.74	21.71	21.90
5	64QAM	1	24	21.74	21.70	21.66	21.90
5	64QAM	12	0	20.65	20.64	20.60	20.90
5	64QAM	12	7	20.66	20.69	20.68	20.90
5	64QAM	12	13	20.55	20.54	20.63	20.90
5	64QAM	25	0	20.62	20.59	20.64	20.90
5	256QAM	1	0	18.68	18.78	18.73	18.90
5	256QAM	1	12	18.76	18.68	18.70	18.90
5	256QAM	1	24	18.64	18.71	18.65	18.90
5	256QAM	12	0	18.60	18.64	18.63	18.90
5	256QAM	12	7	18.64	18.63	18.68	18.90
5	256QAM	12	13	18.57	18.61	18.64	18.90
5	256QAM	25	0	18.65	18.62	18.64	18.90

【LTE Band 30_Ant 0_ECI 4】

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		15.40		17.00
10	QPSK	1	25		15.23		17.00
10	QPSK	1	49		15.21		17.00
10	QPSK	25	0		15.22		17.00
10	QPSK	25	12		15.22		17.00
10	QPSK	25	25		15.19		17.00
10	QPSK	50	0		15.16		17.00
10	16QAM	1	0		15.60		17.00
10	16QAM	1	25		15.40		17.00
10	16QAM	1	49		15.27		17.00
10	16QAM	25	0		15.22		17.00
10	16QAM	25	12		15.22		17.00
10	16QAM	25	25		15.21		17.00
10	16QAM	50	0		15.19		17.00
10	64QAM	1	0		15.50		17.00
10	64QAM	1	25		15.37		17.00
10	64QAM	1	49		15.30		17.00
10	64QAM	25	0		15.25		17.00
10	64QAM	25	12		15.26		17.00
10	64QAM	25	25		15.21		17.00
10	64QAM	50	0		15.24		17.00
10	256QAM	1	0		15.46		17.00
10	256QAM	1	25		15.38		17.00
10	256QAM	1	49		15.31		17.00
10	256QAM	25	0		15.25		17.00
10	256QAM	25	12		15.27		17.00
10	256QAM	25	25		15.24		17.00
10	256QAM	50	0		15.27		17.00
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	15.31	15.27	15.33	17.00
5	QPSK	1	12	15.26	15.29	15.28	17.00
5	QPSK	1	24	15.36	15.24	15.18	17.00
5	QPSK	12	0	15.24	15.24	15.26	17.00
5	QPSK	12	7	15.16	15.21	15.16	17.00
5	QPSK	12	13	15.23	15.22	15.18	17.00
5	QPSK	25	0	15.28	15.25	15.25	17.00
5	16QAM	1	0	15.52	15.45	15.48	17.00
5	16QAM	1	12	15.41	15.36	15.31	17.00
5	16QAM	1	24	15.48	15.34	15.24	17.00
5	16QAM	12	0	15.27	15.28	15.33	17.00
5	16QAM	12	7	15.23	15.27	15.26	17.00
5	16QAM	12	13	15.27	15.26	15.24	17.00
5	16QAM	25	0	15.27	15.27	15.29	17.00
5	64QAM	1	0	15.49	15.46	15.47	17.00
5	64QAM	1	12	15.39	15.44	15.36	17.00
5	64QAM	1	24	15.51	15.36	15.31	17.00
5	64QAM	12	0	15.33	15.34	15.37	17.00
5	64QAM	12	7	15.30	15.34	15.33	17.00
5	64QAM	12	13	15.35	15.34	15.26	17.00
5	64QAM	25	0	15.32	15.33	15.30	17.00
5	256QAM	1	0	15.44	15.41	15.48	17.00
5	256QAM	1	12	15.36	15.38	15.38	17.00
5	256QAM	1	24	15.46	15.36	15.25	17.00
5	256QAM	12	0	15.29	15.32	15.32	17.00
5	256QAM	12	7	15.28	15.33	15.28	17.00
5	256QAM	12	13	15.32	15.30	15.25	17.00
5	256QAM	25	0	15.34	15.34	15.32	17.00

【LTE Band 30_Ant 0_ECI 5】

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		15.40		15.60
10	QPSK	1	25		15.23		15.60
10	QPSK	1	49		15.21		15.60
10	QPSK	25	0		15.22		15.60
10	QPSK	25	12		15.22		15.60
10	QPSK	25	25		15.19		15.60
10	QPSK	50	0		15.16		15.60
10	16QAM	1	0		15.60		15.60
10	16QAM	1	25		15.40		15.60
10	16QAM	1	49		15.27		15.60
10	16QAM	25	0		15.22		15.60
10	16QAM	25	12		15.22		15.60
10	16QAM	25	25		15.21		15.60
10	16QAM	50	0		15.19		15.60
10	64QAM	1	0		15.50		15.60
10	64QAM	1	25		15.37		15.60
10	64QAM	1	49		15.30		15.60
10	64QAM	25	0		15.25		15.60
10	64QAM	25	12		15.26		15.60
10	64QAM	25	25		15.21		15.60
10	64QAM	50	0		15.24		15.60
10	256QAM	1	0		15.46		15.60
10	256QAM	1	25		15.38		15.60
10	256QAM	1	49		15.31		15.60
10	256QAM	25	0		15.25		15.60
10	256QAM	25	12		15.27		15.60
10	256QAM	25	25		15.24		15.60
10	256QAM	50	0		15.27		15.60
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	15.31	15.27	15.33	15.60
5	QPSK	1	12	15.26	15.29	15.28	15.60
5	QPSK	1	24	15.36	15.24	15.18	15.60
5	QPSK	12	0	15.24	15.24	15.26	15.60
5	QPSK	12	7	15.16	15.21	15.16	15.60
5	QPSK	12	13	15.23	15.22	15.18	15.60
5	QPSK	25	0	15.28	15.25	15.25	15.60
5	16QAM	1	0	15.52	15.45	15.48	15.60
5	16QAM	1	12	15.41	15.36	15.31	15.60
5	16QAM	1	24	15.48	15.34	15.24	15.60
5	16QAM	12	0	15.27	15.28	15.33	15.60
5	16QAM	12	7	15.23	15.27	15.26	15.60
5	16QAM	12	13	15.27	15.26	15.24	15.60
5	16QAM	25	0	15.27	15.27	15.29	15.60
5	64QAM	1	0	15.49	15.46	15.47	15.60
5	64QAM	1	12	15.39	15.44	15.36	15.60
5	64QAM	1	24	15.51	15.36	15.31	15.60
5	64QAM	12	0	15.33	15.34	15.37	15.60
5	64QAM	12	7	15.30	15.34	15.33	15.60
5	64QAM	12	13	15.35	15.34	15.26	15.60
5	64QAM	25	0	15.32	15.33	15.30	15.60
5	256QAM	1	0	15.44	15.41	15.48	15.60
5	256QAM	1	12	15.36	15.38	15.38	15.60
5	256QAM	1	24	15.46	15.36	15.25	15.60
5	256QAM	12	0	15.29	15.32	15.32	15.60
5	256QAM	12	7	15.28	15.33	15.28	15.60
5	256QAM	12	13	15.32	15.30	15.25	15.60
5	256QAM	25	0	15.34	15.34	15.32	15.60

【LTE Band 30_Ant 0_ECI 6】

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		15.40		15.60
10	QPSK	1	25		15.23		15.60
10	QPSK	1	49		15.21		15.60
10	QPSK	25	0		15.22		15.60
10	QPSK	25	12		15.22		15.60
10	QPSK	25	25		15.19		15.60
10	QPSK	50	0		15.16		15.60
10	16QAM	1	0		15.60		15.60
10	16QAM	1	25		15.40		15.60
10	16QAM	1	49		15.27		15.60
10	16QAM	25	0		15.22		15.60
10	16QAM	25	12		15.22		15.60
10	16QAM	25	25		15.21		15.60
10	16QAM	50	0		15.19		15.60
10	64QAM	1	0		15.50		15.60
10	64QAM	1	25		15.37		15.60
10	64QAM	1	49		15.30		15.60
10	64QAM	25	0		15.25		15.60
10	64QAM	25	12		15.26		15.60
10	64QAM	25	25		15.21		15.60
10	64QAM	50	0		15.24		15.60
10	256QAM	1	0		15.46		15.60
10	256QAM	1	25		15.38		15.60
10	256QAM	1	49		15.31		15.60
10	256QAM	25	0		15.25		15.60
10	256QAM	25	12		15.27		15.60
10	256QAM	25	25		15.24		15.60
10	256QAM	50	0		15.27		15.60
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	15.31	15.27	15.33	15.60
5	QPSK	1	12	15.26	15.29	15.28	15.60
5	QPSK	1	24	15.36	15.24	15.18	15.60
5	QPSK	12	0	15.24	15.24	15.26	15.60
5	QPSK	12	7	15.16	15.21	15.16	15.60
5	QPSK	12	13	15.23	15.22	15.18	15.60
5	QPSK	25	0	15.28	15.25	15.25	15.60
5	16QAM	1	0	15.52	15.45	15.48	15.60
5	16QAM	1	12	15.41	15.36	15.31	15.60
5	16QAM	1	24	15.48	15.34	15.24	15.60
5	16QAM	12	0	15.27	15.28	15.33	15.60
5	16QAM	12	7	15.23	15.27	15.26	15.60
5	16QAM	12	13	15.27	15.26	15.24	15.60
5	16QAM	25	0	15.27	15.27	15.29	15.60
5	64QAM	1	0	15.49	15.46	15.47	15.60
5	64QAM	1	12	15.39	15.44	15.36	15.60
5	64QAM	1	24	15.51	15.36	15.31	15.60
5	64QAM	12	0	15.33	15.34	15.37	15.60
5	64QAM	12	7	15.30	15.34	15.33	15.60
5	64QAM	12	13	15.35	15.34	15.26	15.60
5	64QAM	25	0	15.32	15.33	15.30	15.60
5	256QAM	1	0	15.44	15.41	15.48	15.60
5	256QAM	1	12	15.36	15.38	15.38	15.60
5	256QAM	1	24	15.46	15.36	15.25	15.60
5	256QAM	12	0	15.29	15.32	15.32	15.60
5	256QAM	12	7	15.28	15.33	15.28	15.60
5	256QAM	12	13	15.32	15.30	15.25	15.60
5	256QAM	25	0	15.34	15.34	15.32	15.60

【LTE Band 30_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.13		24.60
10	QPSK	1	25		24.09		24.60
10	QPSK	1	49		24.02		24.60
10	QPSK	25	0		23.12		23.60
10	QPSK	25	12		23.05		23.60
10	QPSK	25	25		22.99		23.60
10	QPSK	50	0		22.97		23.60
10	16QAM	1	0		23.59		23.60
10	16QAM	1	25		23.48		23.60
10	16QAM	1	49		23.46		23.60
10	16QAM	25	0		22.07		22.60
10	16QAM	25	12		22.07		22.60
10	16QAM	25	25		21.98		22.60
10	16QAM	50	0		22.00		22.60
10	64QAM	1	0		22.19		22.60
10	64QAM	1	25		22.18		22.60
10	64QAM	1	49		22.17		22.60
10	64QAM	25	0		21.05		21.60
10	64QAM	25	12		21.05		21.60
10	64QAM	25	25		21.00		21.60
10	64QAM	50	0		21.01		21.60
10	256QAM	1	0		19.20		19.60
10	256QAM	1	25		19.19		19.60
10	256QAM	1	49		19.12		19.60
10	256QAM	25	0		19.08		19.60
10	256QAM	25	12		19.09		19.60
10	256QAM	25	25		19.03		19.60
10	256QAM	50	0		19.05		19.60
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	24.10	24.08	24.10	24.60
5	QPSK	1	12	24.03	24.09	23.99	24.60
5	QPSK	1	24	24.10	24.06	24.03	24.60
5	QPSK	12	0	23.01	23.09	23.08	23.60
5	QPSK	12	7	22.95	22.98	22.91	23.60
5	QPSK	12	13	23.00	22.99	22.94	23.60
5	QPSK	25	0	23.07	23.10	23.06	23.60
5	16QAM	1	0	23.56	23.51	23.60	23.60
5	16QAM	1	12	23.37	23.42	23.38	23.60
5	16QAM	1	24	23.59	23.59	23.56	23.60
5	16QAM	12	0	22.07	22.13	22.10	22.60
5	16QAM	12	7	22.00	22.04	21.94	22.60
5	16QAM	12	13	22.08	22.04	21.99	22.60
5	16QAM	25	0	22.08	22.09	22.05	22.60
5	64QAM	1	0	22.32	22.34	22.40	22.60
5	64QAM	1	12	22.18	22.23	22.24	22.60
5	64QAM	1	24	22.35	22.28	22.28	22.60
5	64QAM	12	0	21.09	21.17	21.14	21.60
5	64QAM	12	7	21.05	21.12	21.02	21.60
5	64QAM	12	13	21.10	21.05	21.04	21.60
5	64QAM	25	0	21.10	21.12	21.06	21.60
5	256QAM	1	0	19.16	19.21	19.23	19.60
5	256QAM	1	12	19.13	19.18	19.14	19.60
5	256QAM	1	24	19.22	19.14	19.11	19.60
5	256QAM	12	0	19.07	19.14	19.09	19.60
5	256QAM	12	7	19.05	19.08	19.02	19.60
5	256QAM	12	13	19.09	19.06	19.01	19.60
5	256QAM	25	0	19.08	19.11	19.08	19.60

【LTE Band 30_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.13		24.20
10	QPSK	1	25		24.09		24.20
10	QPSK	1	49		24.02		24.20
10	QPSK	25	0		23.12		23.60
10	QPSK	25	12		23.05		23.60
10	QPSK	25	25		22.99		23.60
10	QPSK	50	0		22.97		23.60
10	16QAM	1	0		23.59		23.60
10	16QAM	1	25		23.48		23.60
10	16QAM	1	49		23.46		23.60
10	16QAM	25	0		22.07		22.60
10	16QAM	25	12		22.07		22.60
10	16QAM	25	25		21.98		22.60
10	16QAM	50	0		22.00		22.60
10	64QAM	1	0		22.19		22.60
10	64QAM	1	25		22.18		22.60
10	64QAM	1	49		22.17		22.60
10	64QAM	25	0		21.05		21.60
10	64QAM	25	12		21.05		21.60
10	64QAM	25	25		21.00		21.60
10	64QAM	50	0		21.01		21.60
10	256QAM	1	0		19.20		19.60
10	256QAM	1	25		19.19		19.60
10	256QAM	1	49		19.12		19.60
10	256QAM	25	0		19.08		19.60
10	256QAM	25	12		19.09		19.60
10	256QAM	25	25		19.03		19.60
10	256QAM	50	0		19.05		19.60
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	24.10	24.08	24.10	24.20
5	QPSK	1	12	24.03	24.09	23.99	24.20
5	QPSK	1	24	24.10	24.06	24.03	24.20
5	QPSK	12	0	23.01	23.09	23.08	23.60
5	QPSK	12	7	22.95	22.98	22.91	23.60
5	QPSK	12	13	23.00	22.99	22.94	23.60
5	QPSK	25	0	23.07	23.10	23.06	23.60
5	16QAM	1	0	23.56	23.51	23.60	23.60
5	16QAM	1	12	23.37	23.42	23.38	23.60
5	16QAM	1	24	23.59	23.59	23.56	23.60
5	16QAM	12	0	22.07	22.13	22.10	22.60
5	16QAM	12	7	22.00	22.04	21.94	22.60
5	16QAM	12	13	22.08	22.04	21.99	22.60
5	16QAM	25	0	22.08	22.09	22.05	22.60
5	64QAM	1	0	22.32	22.34	22.40	22.60
5	64QAM	1	12	22.18	22.23	22.24	22.60
5	64QAM	1	24	22.35	22.28	22.28	22.60
5	64QAM	12	0	21.09	21.17	21.14	21.60
5	64QAM	12	7	21.05	21.12	21.02	21.60
5	64QAM	12	13	21.10	21.05	21.04	21.60
5	64QAM	25	0	21.10	21.12	21.06	21.60
5	256QAM	1	0	19.16	19.21	19.23	19.60
5	256QAM	1	12	19.13	19.18	19.14	19.60
5	256QAM	1	24	19.22	19.14	19.11	19.60
5	256QAM	12	0	19.07	19.14	19.09	19.60
5	256QAM	12	7	19.05	19.08	19.02	19.60
5	256QAM	12	13	19.09	19.06	19.01	19.60
5	256QAM	25	0	19.08	19.11	19.08	19.60

【LTE Band 30_Ant 2_ECI 4】

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		16.92		18.70
10	QPSK	1	25		16.87		18.70
10	QPSK	1	49		16.88		18.70
10	QPSK	25	0		16.87		18.70
10	QPSK	25	12		16.85		18.70
10	QPSK	25	25		16.80		18.70
10	QPSK	50	0		16.77		18.70
10	16QAM	1	0		17.16		18.70
10	16QAM	1	25		17.02		18.70
10	16QAM	1	49		17.05		18.70
10	16QAM	25	0		16.88		18.70
10	16QAM	25	12		16.85		18.70
10	16QAM	25	25		16.82		18.70
10	16QAM	50	0		16.79		18.70
10	64QAM	1	0		17.07		18.70
10	64QAM	1	25		16.97		18.70
10	64QAM	1	49		17.03		18.70
10	64QAM	25	0		16.92		18.70
10	64QAM	25	12		16.89		18.70
10	64QAM	25	25		16.85		18.70
10	64QAM	50	0		16.86		18.70
10	256QAM	1	0		17.01		18.70
10	256QAM	1	25		16.97		18.70
10	256QAM	1	49		16.93		18.70
10	256QAM	25	0		16.92		18.70
10	256QAM	25	12		16.90		18.70
10	256QAM	25	25		16.86		18.70
10	256QAM	50	0		16.88		18.70
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	16.87	16.96	16.90	18.70
5	QPSK	1	12	16.92	16.85	16.82	18.70
5	QPSK	1	24	16.85	16.82	16.80	18.70
5	QPSK	12	0	16.82	16.85	16.85	18.70
5	QPSK	12	7	16.78	16.75	16.76	18.70
5	QPSK	12	13	16.80	16.77	16.80	18.70
5	QPSK	25	0	16.85	16.85	16.85	18.70
5	16QAM	1	0	17.10	17.10	17.17	18.70
5	16QAM	1	12	17.08	16.99	16.96	18.70
5	16QAM	1	24	17.08	17.00	17.04	18.70
5	16QAM	12	0	16.87	16.86	16.91	18.70
5	16QAM	12	7	16.83	16.84	16.78	18.70
5	16QAM	12	13	16.85	16.84	16.85	18.70
5	16QAM	25	0	16.87	16.85	16.85	18.70
5	64QAM	1	0	17.04	17.12	17.08	18.70
5	64QAM	1	12	17.08	16.96	16.97	18.70
5	64QAM	1	24	17.00	17.02	16.96	18.70
5	64QAM	12	0	16.92	16.97	16.96	18.70
5	64QAM	12	7	16.91	16.88	16.88	18.70
5	64QAM	12	13	16.89	16.87	16.90	18.70
5	64QAM	25	0	16.90	16.91	16.87	18.70
5	256QAM	1	0	16.98	17.06	16.99	18.70
5	256QAM	1	12	17.00	16.98	16.91	18.70
5	256QAM	1	24	16.95	16.94	16.90	18.70
5	256QAM	12	0	16.89	16.92	16.91	18.70
5	256QAM	12	7	16.88	16.87	16.85	18.70
5	256QAM	12	13	16.87	16.87	16.85	18.70
5	256QAM	25	0	16.90	16.90	16.90	18.70

【LTE Band 30_Ant 2_ECI 5】

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		16.92		17.30
10	QPSK	1	25		16.87		17.30
10	QPSK	1	49		16.88		17.30
10	QPSK	25	0		16.87		17.30
10	QPSK	25	12		16.85		17.30
10	QPSK	25	25		16.80		17.30
10	QPSK	50	0		16.77		17.30
10	16QAM	1	0		17.16		17.30
10	16QAM	1	25		17.02		17.30
10	16QAM	1	49		17.05		17.30
10	16QAM	25	0		16.88		17.30
10	16QAM	25	12		16.85		17.30
10	16QAM	25	25		16.82		17.30
10	16QAM	50	0		16.79		17.30
10	64QAM	1	0		17.07		17.30
10	64QAM	1	25		16.97		17.30
10	64QAM	1	49		17.03		17.30
10	64QAM	25	0		16.92		17.30
10	64QAM	25	12		16.89		17.30
10	64QAM	25	25		16.85		17.30
10	64QAM	50	0		16.86		17.30
10	256QAM	1	0		17.01		17.30
10	256QAM	1	25		16.97		17.30
10	256QAM	1	49		16.93		17.30
10	256QAM	25	0		16.92		17.30
10	256QAM	25	12		16.90		17.30
10	256QAM	25	25		16.86		17.30
10	256QAM	50	0		16.88		17.30
Channel				27685	27710	27735	
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	16.87	16.96	16.90	17.30
5	QPSK	1	12	16.92	16.85	16.82	17.30
5	QPSK	1	24	16.85	16.82	16.80	17.30
5	QPSK	12	0	16.82	16.85	16.85	17.30
5	QPSK	12	7	16.78	16.75	16.76	17.30
5	QPSK	12	13	16.80	16.77	16.80	17.30
5	QPSK	25	0	16.85	16.85	16.85	17.30
5	16QAM	1	0	17.10	17.10	17.17	17.30
5	16QAM	1	12	17.08	16.99	16.96	17.30
5	16QAM	1	24	17.08	17.00	17.04	17.30
5	16QAM	12	0	16.87	16.86	16.91	17.30
5	16QAM	12	7	16.83	16.84	16.78	17.30
5	16QAM	12	13	16.85	16.84	16.85	17.30
5	16QAM	25	0	16.87	16.85	16.85	17.30
5	64QAM	1	0	17.04	17.12	17.08	17.30
5	64QAM	1	12	17.08	16.96	16.97	17.30
5	64QAM	1	24	17.00	17.02	16.96	17.30
5	64QAM	12	0	16.92	16.97	16.96	17.30
5	64QAM	12	7	16.91	16.88	16.88	17.30
5	64QAM	12	13	16.89	16.87	16.90	17.30
5	64QAM	25	0	16.90	16.91	16.87	17.30
5	256QAM	1	0	16.98	17.06	16.99	17.30
5	256QAM	1	12	17.00	16.98	16.91	17.30
5	256QAM	1	24	16.95	16.94	16.90	17.30
5	256QAM	12	0	16.89	16.92	16.91	17.30
5	256QAM	12	7	16.88	16.87	16.85	17.30
5	256QAM	12	13	16.87	16.87	16.85	17.30
5	256QAM	25	0	16.90	16.90	16.90	17.30

【LTE Band 30_Ant 2_ECI 6】

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		16.92		17.30
10	QPSK	1	25		16.87		17.30
10	QPSK	1	49		16.88		17.30
10	QPSK	25	0		16.87		17.30
10	QPSK	25	12		16.85		17.30
10	QPSK	25	25		16.80		17.30
10	QPSK	50	0		16.77		17.30
10	16QAM	1	0		17.16		17.30
10	16QAM	1	25		17.02		17.30
10	16QAM	1	49		17.05		17.30
10	16QAM	25	0		16.88		17.30
10	16QAM	25	12		16.85		17.30
10	16QAM	25	25		16.82		17.30
10	16QAM	50	0		16.79		17.30
10	64QAM	1	0		17.07		17.30
10	64QAM	1	25		16.97		17.30
10	64QAM	1	49		17.03		17.30
10	64QAM	25	0		16.92		17.30
10	64QAM	25	12		16.89		17.30
10	64QAM	25	25		16.85		17.30
10	64QAM	50	0		16.86		17.30
10	256QAM	1	0		17.01		17.30
10	256QAM	1	25		16.97		17.30
10	256QAM	1	49		16.93		17.30
10	256QAM	25	0		16.92		17.30
10	256QAM	25	12		16.90		17.30
10	256QAM	25	25		16.86		17.30
10	256QAM	50	0		16.88		17.30
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	16.87	16.96	16.90	17.30
5	QPSK	1	12	16.92	16.85	16.82	17.30
5	QPSK	1	24	16.85	16.82	16.80	17.30
5	QPSK	12	0	16.82	16.85	16.85	17.30
5	QPSK	12	7	16.78	16.75	16.76	17.30
5	QPSK	12	13	16.80	16.77	16.80	17.30
5	QPSK	25	0	16.85	16.85	16.85	17.30
5	16QAM	1	0	17.10	17.10	17.17	17.30
5	16QAM	1	12	17.08	16.99	16.96	17.30
5	16QAM	1	24	17.08	17.00	17.04	17.30
5	16QAM	12	0	16.87	16.86	16.91	17.30
5	16QAM	12	7	16.83	16.84	16.78	17.30
5	16QAM	12	13	16.85	16.84	16.85	17.30
5	16QAM	25	0	16.87	16.85	16.85	17.30
5	64QAM	1	0	17.04	17.12	17.08	17.30
5	64QAM	1	12	17.08	16.96	16.97	17.30
5	64QAM	1	24	17.00	17.02	16.96	17.30
5	64QAM	12	0	16.92	16.97	16.96	17.30
5	64QAM	12	7	16.91	16.88	16.88	17.30
5	64QAM	12	13	16.89	16.87	16.90	17.30
5	64QAM	25	0	16.90	16.91	16.87	17.30
5	256QAM	1	0	16.98	17.06	16.99	17.30
5	256QAM	1	12	17.00	16.98	16.91	17.30
5	256QAM	1	24	16.95	16.94	16.90	17.30
5	256QAM	12	0	16.89	16.92	16.91	17.30
5	256QAM	12	7	16.88	16.87	16.85	17.30
5	256QAM	12	13	16.87	16.87	16.85	17.30
5	256QAM	25	0	16.90	16.90	16.90	17.30

【LTE Band 38_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.66	24.74	24.70	24.90
20	QPSK	1	49	24.57	24.61	24.59	24.90
20	QPSK	1	99	24.65	24.61	24.61	24.90
20	QPSK	50	0	23.59	23.67	23.61	23.90
20	QPSK	50	24	23.56	23.58	23.54	23.90
20	QPSK	50	50	23.58	23.56	23.52	23.90
20	QPSK	100	0	23.61	23.60	23.57	23.90
20	16QAM	1	0	23.71	23.83	23.77	23.90
20	16QAM	1	49	23.64	23.67	23.63	23.90
20	16QAM	1	99	23.72	23.68	23.66	23.90
20	16QAM	50	0	22.64	22.71	22.66	22.90
20	16QAM	50	24	22.61	22.63	22.58	22.90
20	16QAM	50	50	22.63	22.61	22.57	22.90
20	16QAM	100	0	22.67	22.66	22.61	22.90
20	64QAM	1	0	22.36	22.50	22.45	22.90
20	64QAM	1	49	22.30	22.36	22.31	22.90
20	64QAM	1	99	22.43	22.35	22.33	22.90
20	64QAM	50	0	21.69	21.72	21.69	21.90
20	64QAM	50	24	21.67	21.66	21.62	21.90
20	64QAM	50	50	21.66	21.64	21.59	21.90
20	64QAM	100	0	21.70	21.69	21.65	21.90
20	256QAM	1	0	19.59	19.64	19.69	19.90
20	256QAM	1	49	19.55	19.61	19.55	19.90
20	256QAM	1	99	19.63	19.60	19.54	19.90
20	256QAM	50	0	19.77	19.79	19.77	19.90
20	256QAM	50	24	19.74	19.75	19.70	19.90
20	256QAM	50	50	19.74	19.71	19.67	19.90
20	256QAM	100	0	19.71	19.71	19.68	19.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.66	24.73	24.71	24.90
15	QPSK	1	37	24.55	24.66	24.64	24.90
15	QPSK	1	74	24.70	24.66	24.67	24.90
15	QPSK	36	0	23.51	23.57	23.55	23.90
15	QPSK	36	20	23.48	23.51	23.46	23.90
15	QPSK	36	39	23.52	23.53	23.47	23.90
15	QPSK	75	0	23.52	23.56	23.49	23.90
15	16QAM	1	0	23.72	23.81	23.77	23.90
15	16QAM	1	37	23.62	23.71	23.67	23.90
15	16QAM	1	74	23.78	23.72	23.72	23.90
15	16QAM	36	0	22.55	22.64	22.57	22.90
15	16QAM	36	20	22.52	22.56	22.50	22.90
15	16QAM	36	39	22.54	22.53	22.50	22.90
15	16QAM	75	0	22.56	22.61	22.52	22.90
15	64QAM	1	0	22.32	22.47	22.40	22.90
15	64QAM	1	37	22.21	22.33	22.25	22.90
15	64QAM	1	74	22.39	22.36	22.31	22.90
15	64QAM	36	0	21.58	21.64	21.60	21.90
15	64QAM	36	20	21.55	21.59	21.57	21.90
15	64QAM	36	39	21.57	21.58	21.55	21.90
15	64QAM	75	0	21.61	21.63	21.59	21.90
15	256QAM	1	0	19.54	19.69	19.62	19.90
15	256QAM	1	37	19.52	19.58	19.54	19.90
15	256QAM	1	74	19.54	19.59	19.54	19.90
15	256QAM	36	0	19.66	19.69	19.66	19.90
15	256QAM	36	20	19.64	19.65	19.62	19.90
15	256QAM	36	39	19.62	19.64	19.59	19.90
15	256QAM	75	0	19.63	19.68	19.62	19.90
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.62	24.66	24.63	24.90
10	QPSK	1	25	24.55	24.62	24.56	24.90
10	QPSK	1	49	24.55	24.60	24.60	24.90

10	QPSK	25	0	23.59	23.63	23.56	23.90
10	QPSK	25	12	23.53	23.58	23.49	23.90
10	QPSK	25	25	23.53	23.58	23.55	23.90
10	QPSK	50	0	23.52	23.58	23.52	23.90
10	16QAM	1	0	23.67	23.77	23.69	23.90
10	16QAM	1	25	23.60	23.68	23.58	23.90
10	16QAM	1	49	23.64	23.69	23.67	23.90
10	16QAM	25	0	22.61	22.64	22.59	22.90
10	16QAM	25	12	22.55	22.59	22.54	22.90
10	16QAM	25	25	22.53	22.57	22.55	22.90
10	16QAM	50	0	22.57	22.61	22.54	22.90
10	64QAM	1	0	22.28	22.38	22.32	22.90
10	64QAM	1	25	22.21	22.32	22.20	22.90
10	64QAM	1	49	22.24	22.32	22.26	22.90
10	64QAM	25	0	21.62	21.66	21.60	21.90
10	64QAM	25	12	21.59	21.64	21.59	21.90
10	64QAM	25	25	21.60	21.63	21.61	21.90
10	64QAM	50	0	21.63	21.65	21.57	21.90
10	256QAM	1	0	19.59	19.67	19.61	19.90
10	256QAM	1	25	19.51	19.58	19.51	19.90
10	256QAM	1	49	19.58	19.62	19.58	19.90
10	256QAM	25	0	19.70	19.74	19.67	19.90
10	256QAM	25	12	19.69	19.72	19.64	19.90
10	256QAM	25	25	19.72	19.69	19.68	19.90
10	256QAM	50	0	19.75	19.76	19.72	19.90
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.62	24.66	24.61	24.90
5	QPSK	1	12	24.55	24.63	24.57	24.90
5	QPSK	1	24	24.58	24.61	24.60	24.90
5	QPSK	12	0	23.57	23.61	23.57	23.90
5	QPSK	12	7	23.48	23.52	23.45	23.90
5	QPSK	12	13	23.53	23.57	23.55	23.90
5	QPSK	25	0	23.59	23.60	23.58	23.90
5	16QAM	1	0	23.72	23.74	23.70	23.90
5	16QAM	1	12	23.59	23.63	23.54	23.90
5	16QAM	1	24	23.63	23.72	23.69	23.90
5	16QAM	12	0	22.54	22.59	22.54	22.90
5	16QAM	12	7	22.48	22.54	22.48	22.90
5	16QAM	12	13	22.52	22.56	22.53	22.90
5	16QAM	25	0	22.58	22.60	22.57	22.90
5	64QAM	1	0	22.33	22.41	22.31	22.90
5	64QAM	1	12	22.25	22.34	22.22	22.90
5	64QAM	1	24	22.27	22.40	22.30	22.90
5	64QAM	12	0	21.66	21.68	21.63	21.90
5	64QAM	12	7	21.59	21.62	21.58	21.90
5	64QAM	12	13	21.63	21.65	21.62	21.90
5	64QAM	25	0	21.66	21.67	21.61	21.90
5	256QAM	1	0	19.54	19.62	19.53	19.90
5	256QAM	1	12	19.46	19.57	19.47	19.90
5	256QAM	1	24	19.51	19.60	19.54	19.90
5	256QAM	12	0	19.74	19.79	19.73	19.90
5	256QAM	12	7	19.68	19.72	19.68	19.90
5	256QAM	12	13	19.69	19.75	19.74	19.90
5	256QAM	25	0	19.71	19.71	19.69	19.90

【LTE Band 38_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.66	24.74	24.70	24.90
20	QPSK	1	49	24.57	24.61	24.59	24.90
20	QPSK	1	99	24.65	24.61	24.61	24.90
20	QPSK	50	0	23.59	23.67	23.61	23.90
20	QPSK	50	24	23.56	23.58	23.54	23.90
20	QPSK	50	50	23.58	23.56	23.52	23.90
20	QPSK	100	0	23.61	23.60	23.57	23.90
20	16QAM	1	0	23.71	23.83	23.77	23.90
20	16QAM	1	49	23.64	23.67	23.63	23.90
20	16QAM	1	99	23.72	23.68	23.66	23.90
20	16QAM	50	0	22.64	22.71	22.66	22.90
20	16QAM	50	24	22.61	22.63	22.58	22.90



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20	16QAM	50	50	22.63	22.61	22.57	22.90
20	16QAM	100	0	22.67	22.66	22.61	22.90
20	64QAM	1	0	22.36	22.50	22.45	22.90
20	64QAM	1	49	22.30	22.36	22.31	22.90
20	64QAM	1	99	22.43	22.35	22.33	22.90
20	64QAM	50	0	21.69	21.72	21.69	21.90
20	64QAM	50	24	21.67	21.66	21.62	21.90
20	64QAM	50	50	21.66	21.64	21.59	21.90
20	64QAM	100	0	21.70	21.69	21.65	21.90
20	256QAM	1	0	19.59	19.64	19.69	19.90
20	256QAM	1	49	19.55	19.61	19.55	19.90
20	256QAM	1	99	19.63	19.60	19.54	19.90
20	256QAM	50	0	19.77	19.79	19.77	19.90
20	256QAM	50	24	19.74	19.75	19.70	19.90
20	256QAM	50	50	19.74	19.71	19.67	19.90
20	256QAM	100	0	19.71	19.71	19.68	19.90
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	24.66	24.73	24.71	24.90
15	QPSK	1	37	24.55	24.66	24.64	24.90
15	QPSK	1	74	24.70	24.66	24.67	24.90
15	QPSK	36	0	23.51	23.57	23.55	23.90
15	QPSK	36	20	23.48	23.51	23.46	23.90
15	QPSK	36	39	23.52	23.53	23.47	23.90
15	QPSK	75	0	23.52	23.56	23.49	23.90
15	16QAM	1	0	23.72	23.81	23.77	23.90
15	16QAM	1	37	23.62	23.71	23.67	23.90
15	16QAM	1	74	23.78	23.72	23.72	23.90
15	16QAM	36	0	22.55	22.64	22.57	22.90
15	16QAM	36	20	22.52	22.56	22.50	22.90
15	16QAM	36	39	22.54	22.53	22.50	22.90
15	16QAM	75	0	22.56	22.61	22.52	22.90
15	64QAM	1	0	22.32	22.47	22.40	22.90
15	64QAM	1	37	22.21	22.33	22.25	22.90
15	64QAM	1	74	22.39	22.36	22.31	22.90
15	64QAM	36	0	21.58	21.64	21.60	21.90
15	64QAM	36	20	21.55	21.59	21.57	21.90
15	64QAM	36	39	21.57	21.58	21.55	21.90
15	64QAM	75	0	21.61	21.63	21.59	21.90
15	256QAM	1	0	19.54	19.69	19.62	19.90
15	256QAM	1	37	19.52	19.58	19.54	19.90
15	256QAM	1	74	19.54	19.59	19.54	19.90
15	256QAM	36	0	19.66	19.69	19.66	19.90
15	256QAM	36	20	19.64	19.65	19.62	19.90
15	256QAM	36	39	19.62	19.64	19.59	19.90
15	256QAM	75	0	19.63	19.68	19.62	19.90
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.62	24.66	24.63	24.90
10	QPSK	1	25	24.55	24.62	24.56	24.90
10	QPSK	1	49	24.55	24.60	24.60	24.90
10	QPSK	25	0	23.59	23.63	23.56	23.90
10	QPSK	25	12	23.53	23.58	23.49	23.90
10	QPSK	25	25	23.53	23.58	23.55	23.90
10	QPSK	50	0	23.52	23.58	23.52	23.90
10	16QAM	1	0	23.67	23.77	23.69	23.90
10	16QAM	1	25	23.60	23.68	23.58	23.90
10	16QAM	1	49	23.64	23.69	23.67	23.90
10	16QAM	25	0	22.61	22.64	22.59	22.90
10	16QAM	25	12	22.55	22.59	22.54	22.90
10	16QAM	25	25	22.53	22.57	22.55	22.90
10	16QAM	50	0	22.57	22.61	22.54	22.90
10	64QAM	1	0	22.28	22.38	22.32	22.90
10	64QAM	1	25	22.21	22.32	22.20	22.90
10	64QAM	1	49	22.24	22.32	22.26	22.90
10	64QAM	25	0	21.62	21.66	21.60	21.90
10	64QAM	25	12	21.59	21.64	21.59	21.90
10	64QAM	25	25	21.60	21.63	21.61	21.90
10	64QAM	50	0	21.63	21.65	21.57	21.90
10	256QAM	1	0	19.59	19.67	19.61	19.90
10	256QAM	1	25	19.51	19.58	19.51	19.90
10	256QAM	1	49	19.58	19.62	19.58	19.90
10	256QAM	25	0	19.70	19.74	19.67	19.90
10	256QAM	25	12	19.69	19.72	19.64	19.90
10	256QAM	25	25	19.72	19.69	19.68	19.90
10	256QAM	50	0	19.75	19.76	19.72	19.90
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	24.62	24.66	24.61	24.90
5	QPSK	1	12	24.55	24.63	24.57	24.90
5	QPSK	1	24	24.58	24.61	24.60	24.90
5	QPSK	12	0	23.57	23.61	23.57	23.90
5	QPSK	12	7	23.48	23.52	23.45	23.90
5	QPSK	12	13	23.53	23.57	23.55	23.90
5	QPSK	25	0	23.59	23.60	23.58	23.90
5	16QAM	1	0	23.72	23.74	23.70	23.90
5	16QAM	1	12	23.59	23.63	23.54	23.90
5	16QAM	1	24	23.63	23.72	23.69	23.90
5	16QAM	12	0	22.54	22.59	22.54	22.90
5	16QAM	12	7	22.48	22.54	22.48	22.90
5	16QAM	12	13	22.52	22.56	22.53	22.90
5	16QAM	25	0	22.58	22.60	22.57	22.90
5	64QAM	1	0	22.33	22.41	22.31	22.90
5	64QAM	1	12	22.25	22.34	22.22	22.90
5	64QAM	1	24	22.27	22.40	22.30	22.90
5	64QAM	12	0	21.66	21.68	21.63	21.90
5	64QAM	12	7	21.59	21.62	21.58	21.90
5	64QAM	12	13	21.63	21.65	21.62	21.90
5	64QAM	25	0	21.66	21.67	21.61	21.90
5	256QAM	1	0	19.54	19.62	19.53	19.90
5	256QAM	1	12	19.46	19.57	19.47	19.90
5	256QAM	1	24	19.51	19.60	19.54	19.90
5	256QAM	12	0	19.74	19.79	19.73	19.90
5	256QAM	12	7	19.68	19.72	19.68	19.90
5	256QAM	12	13	19.69	19.75	19.74	19.90
5	256QAM	25	0	19.71	19.71	19.69	19.90

【LTE Band 38_Ant 0_ECI 4】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.72	18.78	18.64	20.20
20	QPSK	1	49	18.56	18.69	18.48	20.20
20	QPSK	1	99	18.52	18.70	18.46	20.20
20	QPSK	50	0	18.55	18.67	18.47	20.20
20	QPSK	50	24	18.57	18.74	18.53	20.20
20	QPSK	50	50	18.57	18.73	18.50	20.20
20	QPSK	100	0	18.60	18.73	18.51	20.20
20	16QAM	1	0	18.57	18.78	18.57	20.20
20	16QAM	1	49	18.65	18.82	18.64	20.20
20	16QAM	1	99	18.69	18.82	18.53	20.20
20	16QAM	50	0	18.70	18.88	18.64	20.20
20	16QAM	50	24	18.61	18.76	18.60	20.20
20	16QAM	50	50	18.51	18.61	18.33	20.20
20	16QAM	100	0	18.66	18.79	18.50	20.20
20	64QAM	1	0	18.71	18.83	18.63	20.20
20	64QAM	1	49	18.71	18.91	18.63	20.20
20	64QAM	1	99	18.54	18.72	18.52	20.20
20	64QAM	50	0	18.72	18.87	18.62	20.20
20	64QAM	50	24	18.57	18.67	18.46	20.20
20	64QAM	50	50	18.70	18.82	18.55	20.20
20	64QAM	100	0	18.71	18.80	18.58	20.20
20	256QAM	1	0	18.72	18.94	18.64	19.90
20	256QAM	1	49	18.60	18.75	18.52	19.90
20	256QAM	1	99	18.63	18.71	18.49	19.90
20	256QAM	50	0	18.71	18.84	18.61	19.90
20	256QAM	50	24	18.72	18.90	18.63	19.90
20	256QAM	50	50	18.65	18.75	18.55	19.90
20	256QAM	100	0	18.56	18.74	18.58	19.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.57	18.65	18.52	20.20
15	QPSK	1	37	18.54	18.62	18.43	20.20
15	QPSK	1	74	18.44	18.59	18.41	20.20
15	QPSK	36	0	18.45	18.63	18.39	20.20
15	QPSK	36	20	18.51	18.61	18.46	20.20
15	QPSK	36	39	18.43	18.59	18.39	20.20
15	QPSK	75	0	18.55	18.60	18.41	20.20
15	16QAM	1	0	18.51	18.76	18.44	20.20
15	16QAM	1	37	18.59	18.75	18.62	20.20



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15	16QAM	1	74	18.67	18.75	18.48	20.20
15	16QAM	36	0	18.65	18.78	18.52	20.20
15	16QAM	36	20	18.52	18.68	18.49	20.20
15	16QAM	36	39	18.37	18.58	18.32	20.20
15	16QAM	75	0	18.60	18.76	18.43	20.20
15	64QAM	1	0	18.58	18.78	18.56	20.20
15	64QAM	1	37	18.58	18.78	18.52	20.20
15	64QAM	1	74	18.53	18.61	18.48	20.20
15	64QAM	36	0	18.66	18.76	18.58	20.20
15	64QAM	36	20	18.44	18.61	18.35	20.20
15	64QAM	36	39	18.65	18.68	18.47	20.20
15	64QAM	75	0	18.58	18.73	18.56	20.20
15	256QAM	1	0	18.60	18.78	18.54	19.90
15	256QAM	1	37	18.57	18.73	18.37	19.90
15	256QAM	1	74	18.52	18.62	18.38	19.90
15	256QAM	36	0	18.70	18.78	18.51	19.90
15	256QAM	36	20	18.60	18.78	18.48	19.90
15	256QAM	36	39	18.50	18.62	18.49	19.90
15	256QAM	75	0	18.47	18.72	18.47	19.90
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	18.65	18.65	18.54	20.20
10	QPSK	1	25	18.55	18.65	18.43	20.20
10	QPSK	1	49	18.37	18.60	18.39	20.20
10	QPSK	25	0	18.46	18.65	18.33	20.20
10	QPSK	25	12	18.44	18.66	18.43	20.20
10	QPSK	25	25	18.56	18.68	18.35	20.20
10	QPSK	50	0	18.58	18.69	18.38	20.20
10	16QAM	1	0	18.46	18.64	18.47	20.20
10	16QAM	1	25	18.59	18.77	18.56	20.20
10	16QAM	1	49	18.59	18.77	18.46	20.20
10	16QAM	25	0	18.63	18.78	18.63	20.20
10	16QAM	25	12	18.52	18.66	18.58	20.20
10	16QAM	25	25	18.40	18.58	18.30	20.20
10	16QAM	50	0	18.55	18.78	18.40	20.20
10	64QAM	1	0	18.69	18.73	18.61	20.20
10	64QAM	1	25	18.70	18.77	18.55	20.20
10	64QAM	1	49	18.45	18.60	18.40	20.20
10	64QAM	25	0	18.69	18.73	18.60	20.20
10	64QAM	25	12	18.47	18.61	18.42	20.20
10	64QAM	25	25	18.56	18.69	18.51	20.20
10	64QAM	50	0	18.61	18.73	18.52	20.20
10	256QAM	1	0	18.68	18.78	18.54	19.90
10	256QAM	1	25	18.58	18.60	18.48	19.90
10	256QAM	1	49	18.55	18.64	18.39	19.90
10	256QAM	25	0	18.60	18.76	18.55	19.90
10	256QAM	25	12	18.67	18.78	18.53	19.90
10	256QAM	25	25	18.54	18.73	18.42	19.90
10	256QAM	50	0	18.48	18.63	18.53	19.90
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.57	18.65	18.55	20.20
5	QPSK	1	12	18.52	18.58	18.41	20.20
5	QPSK	1	24	18.38	18.61	18.44	20.20
5	QPSK	12	0	18.48	18.52	18.34	20.20
5	QPSK	12	7	18.55	18.63	18.39	20.20
5	QPSK	12	13	18.43	18.68	18.48	20.20
5	QPSK	25	0	18.50	18.60	18.50	20.20
5	16QAM	1	0	18.43	18.76	18.46	20.20
5	16QAM	1	12	18.51	18.71	18.57	20.20
5	16QAM	1	24	18.62	18.72	18.48	20.20
5	16QAM	12	0	18.63	18.77	18.49	20.20
5	16QAM	12	7	18.58	18.67	18.57	20.20
5	16QAM	12	13	18.43	18.53	18.30	20.20
5	16QAM	25	0	18.56	18.73	18.44	20.20
5	64QAM	1	0	18.65	18.73	18.49	20.20
5	64QAM	1	12	18.60	18.78	18.58	20.20
5	64QAM	1	24	18.51	18.69	18.49	20.20
5	64QAM	12	0	18.68	18.78	18.52	20.20
5	64QAM	12	7	18.51	18.61	18.34	20.20
5	64QAM	12	13	18.58	18.68	18.53	20.20
5	64QAM	25	0	18.62	18.78	18.48	20.20
5	256QAM	1	0	18.63	18.78	18.59	19.90
5	256QAM	1	12	18.52	18.60	18.39	19.90
5	256QAM	1	24	18.50	18.65	18.37	19.90
5	256QAM	12	0	18.60	18.77	18.59	19.90
5	256QAM	12	7	18.67	18.78	18.51	19.90
5	256QAM	12	13	18.54	18.60	18.49	19.90

5	256QAM	25	0	18.50	18.68	18.56	19.90
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【LTE Band 38_Ant 0_ECI 5】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.58	17.60	17.54	17.60
20	QPSK	1	49	17.55	17.55	17.51	17.60
20	QPSK	1	99	17.55	17.45	17.53	17.60
20	QPSK	50	0	17.55	17.59	17.56	17.60
20	QPSK	50	24	17.50	17.54	17.54	17.60
20	QPSK	50	50	17.53	17.50	17.54	17.60
20	QPSK	100	0	17.56	17.57	17.53	17.60
20	16QAM	1	0	17.49	17.55	17.46	17.60
20	16QAM	1	49	17.50	17.50	17.43	17.60
20	16QAM	1	99	17.48	17.40	17.46	17.60
20	16QAM	50	0	17.47	17.55	17.47	17.60
20	16QAM	50	24	17.47	17.53	17.54	17.60
20	16QAM	50	50	17.51	17.44	17.45	17.60
20	16QAM	100	0	17.52	17.52	17.45	17.60
20	64QAM	1	0	17.55	17.54	17.52	17.60
20	64QAM	1	49	17.47	17.55	17.49	17.60
20	64QAM	1	99	17.53	17.45	17.46	17.60
20	64QAM	50	0	17.46	17.59	17.47	17.60
20	64QAM	50	24	17.40	17.51	17.45	17.60
20	64QAM	50	50	17.45	17.45	17.45	17.60
20	64QAM	100	0	17.49	17.52	17.44	17.60
20	256QAM	1	0	17.50	17.56	17.47	17.60
20	256QAM	1	49	17.53	17.54	17.47	17.60
20	256QAM	1	99	17.48	17.36	17.50	17.60
20	256QAM	50	0	17.47	17.51	17.54	17.60
20	256QAM	50	24	17.45	17.49	17.50	17.60
20	256QAM	50	50	17.53	17.47	17.48	17.60
20	256QAM	100	0	17.53	17.54	17.44	17.60
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.47	17.55	17.45	17.60
15	QPSK	1	37	17.50	17.53	17.49	17.60
15	QPSK	1	74	17.43	17.38	17.50	17.60
15	QPSK	36	0	17.48	17.50	17.44	17.60
15	QPSK	36	20	17.47	17.49	17.41	17.60
15	QPSK	36	39	17.40	17.43	17.40	17.60
15	QPSK	75	0	17.55	17.53	17.41	17.60
15	16QAM	1	0	17.41	17.42	17.31	17.60
15	16QAM	1	37	17.39	17.36	17.35	17.60
15	16QAM	1	74	17.33	17.27	17.32	17.60
15	16QAM	36	0	17.43	17.50	17.35	17.60
15	16QAM	36	20	17.44	17.44	17.49	17.60
15	16QAM	36	39	17.36	17.36	17.43	17.60
15	16QAM	75	0	17.39	17.49	17.39	17.60
15	64QAM	1	0	17.49	17.42	17.42	17.60
15	64QAM	1	37	17.45	17.51	17.47	17.60
15	64QAM	1	74	17.38	17.35	17.36	17.60
15	64QAM	36	0	17.31	17.54	17.34	17.60
15	64QAM	36	20	17.35	17.48	17.36	17.60
15	64QAM	36	39	17.34	17.37	17.43	17.60
15	64QAM	75	0	17.45	17.49	17.33	17.60
15	256QAM	1	0	17.41	17.49	17.45	17.60
15	256QAM	1	37	17.48	17.49	17.42	17.60
15	256QAM	1	74	17.37	17.34	17.44	17.60
15	256QAM	36	0	17.36	17.37	17.44	17.60
15	256QAM	36	20	17.35	17.43	17.45	17.60
15	256QAM	36	39	17.47	17.36	17.35	17.60
15	256QAM	75	0	17.50	17.39	17.29	17.60
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.47	17.54	17.40	17.60
10	QPSK	1	25	17.51	17.50	17.38	17.60
10	QPSK	1	49	17.44	17.36	17.49	17.60
10	QPSK	25	0	17.48	17.46	17.44	17.60
10	QPSK	25	12	17.38	17.47	17.51	17.60
10	QPSK	25	25	17.44	17.44	17.40	17.60

10	QPSK	50	0	17.52	17.49	17.47	17.60
10	16QAM	1	0	17.41	17.43	17.32	17.60
10	16QAM	1	25	17.45	17.40	17.29	17.60
10	16QAM	1	49	17.39	17.33	17.39	17.60
10	16QAM	25	0	17.34	17.48	17.34	17.60
10	16QAM	25	12	17.33	17.47	17.45	17.60
10	16QAM	25	25	17.42	17.34	17.35	17.60
10	16QAM	50	0	17.49	17.39	17.43	17.60
10	64QAM	1	0	17.45	17.48	17.48	17.60
10	64QAM	1	25	17.44	17.42	17.43	17.60
10	64QAM	1	49	17.42	17.33	17.43	17.60
10	64QAM	25	0	17.43	17.49	17.36	17.60
10	64QAM	25	12	17.26	17.38	17.42	17.60
10	64QAM	25	25	17.34	17.42	17.32	17.60
10	64QAM	50	0	17.43	17.48	17.35	17.60
10	256QAM	1	0	17.43	17.42	17.38	17.60
10	256QAM	1	25	17.38	17.40	17.40	17.60
10	256QAM	1	49	17.33	17.29	17.44	17.60
10	256QAM	25	0	17.39	17.47	17.49	17.60
10	256QAM	25	12	17.41	17.37	17.48	17.60
10	256QAM	25	25	17.44	17.33	17.33	17.60
10	256QAM	50	0	17.48	17.44	17.31	17.60
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.55	17.57	17.42	17.60
5	QPSK	1	12	17.46	17.44	17.49	17.60
5	QPSK	1	24	17.47	17.32	17.49	17.60
5	QPSK	12	0	17.42	17.45	17.41	17.60
5	QPSK	12	7	17.39	17.44	17.41	17.60
5	QPSK	12	13	17.50	17.42	17.48	17.60
5	QPSK	25	0	17.44	17.44	17.43	17.60
5	16QAM	1	0	17.44	17.48	17.42	17.60
5	16QAM	1	12	17.44	17.44	17.33	17.60
5	16QAM	1	24	17.35	17.34	17.31	17.60
5	16QAM	12	0	17.37	17.46	17.37	17.60
5	16QAM	12	7	17.40	17.45	17.48	17.60
5	16QAM	12	13	17.37	17.40	17.41	17.60
5	16QAM	25	0	17.40	17.44	17.34	17.60
5	64QAM	1	0	17.46	17.52	17.50	17.60
5	64QAM	1	12	17.39	17.50	17.45	17.60
5	64QAM	1	24	17.45	17.34	17.33	17.60
5	64QAM	12	0	17.35	17.45	17.38	17.60
5	64QAM	12	7	17.37	17.45	17.34	17.60
5	64QAM	12	13	17.41	17.38	17.35	17.60
5	64QAM	25	0	17.38	17.47	17.42	17.60
5	256QAM	1	0	17.38	17.48	17.45	17.60
5	256QAM	1	12	17.41	17.48	17.34	17.60
5	256QAM	1	24	17.35	17.35	17.46	17.60
5	256QAM	12	0	17.35	17.37	17.48	17.60
5	256QAM	12	7	17.39	17.35	17.37	17.60
5	256QAM	12	13	17.51	17.35	17.43	17.60
5	256QAM	25	0	17.45	17.48	17.35	17.60

【LTE Band 38_Ant 0_ECI 6】

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	17.58	17.60	17.54	17.60
20	QPSK	1	49	17.55	17.55	17.51	17.60
20	QPSK	1	99	17.55	17.45	17.53	17.60
20	QPSK	50	0	17.55	17.59	17.56	17.60
20	QPSK	50	24	17.50	17.54	17.54	17.60
20	QPSK	50	50	17.53	17.50	17.54	17.60
20	QPSK	100	0	17.56	17.57	17.53	17.60
20	16QAM	1	0	17.49	17.55	17.46	17.60
20	16QAM	1	49	17.50	17.50	17.43	17.60
20	16QAM	1	99	17.48	17.40	17.46	17.60
20	16QAM	50	0	17.47	17.55	17.47	17.60
20	16QAM	50	24	17.47	17.53	17.54	17.60
20	16QAM	50	50	17.51	17.44	17.45	17.60
20	16QAM	100	0	17.52	17.52	17.45	17.60
20	64QAM	1	0	17.55	17.54	17.52	17.60



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20	64QAM	1	49	17.47	17.55	17.49	17.60
20	64QAM	1	99	17.53	17.45	17.46	17.60
20	64QAM	50	0	17.46	17.59	17.47	17.60
20	64QAM	50	24	17.40	17.51	17.45	17.60
20	64QAM	50	50	17.45	17.45	17.45	17.60
20	64QAM	100	0	17.49	17.52	17.44	17.60
20	256QAM	1	0	17.50	17.56	17.47	17.60
20	256QAM	1	49	17.53	17.54	17.47	17.60
20	256QAM	1	99	17.48	17.36	17.50	17.60
20	256QAM	50	0	17.47	17.51	17.54	17.60
20	256QAM	50	24	17.45	17.49	17.50	17.60
20	256QAM	50	50	17.53	17.47	17.48	17.60
20	256QAM	100	0	17.53	17.54	17.44	17.60
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	17.47	17.55	17.45	17.60
15	QPSK	1	37	17.50	17.53	17.49	17.60
15	QPSK	1	74	17.43	17.38	17.50	17.60
15	QPSK	36	0	17.48	17.50	17.44	17.60
15	QPSK	36	20	17.47	17.49	17.41	17.60
15	QPSK	36	39	17.40	17.43	17.40	17.60
15	QPSK	75	0	17.55	17.53	17.41	17.60
15	16QAM	1	0	17.41	17.42	17.31	17.60
15	16QAM	1	37	17.39	17.36	17.35	17.60
15	16QAM	1	74	17.33	17.27	17.32	17.60
15	16QAM	36	0	17.43	17.50	17.35	17.60
15	16QAM	36	20	17.44	17.44	17.49	17.60
15	16QAM	36	39	17.36	17.36	17.43	17.60
15	16QAM	75	0	17.39	17.49	17.39	17.60
15	64QAM	1	0	17.49	17.42	17.42	17.60
15	64QAM	1	37	17.45	17.51	17.47	17.60
15	64QAM	1	74	17.38	17.35	17.36	17.60
15	64QAM	36	0	17.31	17.54	17.34	17.60
15	64QAM	36	20	17.35	17.48	17.36	17.60
15	64QAM	36	39	17.34	17.37	17.43	17.60
15	64QAM	75	0	17.45	17.49	17.33	17.60
15	256QAM	1	0	17.41	17.49	17.45	17.60
15	256QAM	1	37	17.48	17.49	17.42	17.60
15	256QAM	1	74	17.37	17.34	17.44	17.60
15	256QAM	36	0	17.36	17.37	17.44	17.60
15	256QAM	36	20	17.35	17.43	17.45	17.60
15	256QAM	36	39	17.47	17.36	17.35	17.60
15	256QAM	75	0	17.50	17.39	17.29	17.60
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	17.47	17.54	17.40	17.60
10	QPSK	1	25	17.51	17.50	17.38	17.60
10	QPSK	1	49	17.44	17.36	17.49	17.60
10	QPSK	25	0	17.48	17.46	17.44	17.60
10	QPSK	25	12	17.38	17.47	17.51	17.60
10	QPSK	25	25	17.44	17.44	17.40	17.60
10	QPSK	50	0	17.52	17.49	17.47	17.60
10	16QAM	1	0	17.41	17.43	17.32	17.60
10	16QAM	1	25	17.45	17.40	17.29	17.60
10	16QAM	1	49	17.39	17.33	17.39	17.60
10	16QAM	25	0	17.34	17.48	17.34	17.60
10	16QAM	25	12	17.33	17.47	17.45	17.60
10	16QAM	25	25	17.42	17.34	17.35	17.60
10	16QAM	50	0	17.49	17.39	17.43	17.60
10	64QAM	1	0	17.45	17.48	17.48	17.60
10	64QAM	1	25	17.44	17.42	17.43	17.60
10	64QAM	1	49	17.42	17.33	17.43	17.60
10	64QAM	25	0	17.43	17.49	17.36	17.60
10	64QAM	25	12	17.26	17.38	17.42	17.60
10	64QAM	25	25	17.34	17.42	17.32	17.60
10	64QAM	50	0	17.43	17.48	17.35	17.60
10	256QAM	1	0	17.43	17.42	17.38	17.60
10	256QAM	1	25	17.38	17.40	17.40	17.60
10	256QAM	1	49	17.33	17.29	17.44	17.60
10	256QAM	25	0	17.39	17.47	17.49	17.60
10	256QAM	25	12	17.41	17.37	17.48	17.60
10	256QAM	25	25	17.44	17.33	17.33	17.60
10	256QAM	50	0	17.48	17.44	17.31	17.60
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	17.55	17.57	17.42	17.60
5	QPSK	1	12	17.46	17.44	17.49	17.60
5	QPSK	1	24	17.47	17.32	17.49	17.60

5	QPSK	12	0	17.42	17.45	17.41	17.60
5	QPSK	12	7	17.39	17.44	17.41	17.60
5	QPSK	12	13	17.50	17.42	17.48	17.60
5	QPSK	25	0	17.44	17.44	17.43	17.60
5	16QAM	1	0	17.44	17.48	17.42	17.60
5	16QAM	1	12	17.44	17.44	17.33	17.60
5	16QAM	1	24	17.35	17.34	17.31	17.60
5	16QAM	12	0	17.37	17.46	17.37	17.60
5	16QAM	12	7	17.40	17.45	17.48	17.60
5	16QAM	12	13	17.37	17.40	17.41	17.60
5	16QAM	25	0	17.40	17.44	17.34	17.60
5	64QAM	1	0	17.46	17.52	17.50	17.60
5	64QAM	1	12	17.39	17.50	17.45	17.60
5	64QAM	1	24	17.45	17.34	17.33	17.60
5	64QAM	12	0	17.35	17.45	17.38	17.60
5	64QAM	12	7	17.37	17.45	17.34	17.60
5	64QAM	12	13	17.41	17.38	17.35	17.60
5	64QAM	25	0	17.38	17.47	17.42	17.60
5	256QAM	1	0	17.38	17.48	17.45	17.60
5	256QAM	1	12	17.41	17.48	17.34	17.60
5	256QAM	1	24	17.35	17.35	17.46	17.60
5	256QAM	12	0	17.35	17.37	17.48	17.60
5	256QAM	12	7	17.39	17.35	17.37	17.60
5	256QAM	12	13	17.51	17.35	17.43	17.60
5	256QAM	25	0	17.45	17.48	17.35	17.60

【LTE Band 38_HPUE_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.49	26.59	26.54	26.90
20	QPSK	1	49	26.44	26.47	26.44	26.90
20	QPSK	1	99	26.50	26.45	26.42	26.90
20	QPSK	50	0	25.43	25.52	25.46	25.90
20	QPSK	50	24	25.42	25.42	25.38	25.90
20	QPSK	50	50	25.43	25.38	25.37	25.90
20	QPSK	100	0	25.44	25.45	25.41	25.90
20	16QAM	1	0	25.73	25.81	25.77	25.90
20	16QAM	1	49	25.67	25.68	25.70	25.90
20	16QAM	1	99	25.73	25.65	25.71	25.90
20	16QAM	50	0	24.50	24.56	24.54	24.90
20	16QAM	50	24	24.47	24.48	24.43	24.90
20	16QAM	50	50	24.51	24.47	24.41	24.90
20	16QAM	100	0	24.52	24.50	24.47	24.90
20	64QAM	1	0	24.57	24.65	24.61	24.90
20	64QAM	1	49	24.49	24.53	24.51	24.90
20	64QAM	1	99	24.56	24.53	24.54	24.90
20	64QAM	50	0	23.52	23.59	23.54	23.90
20	64QAM	50	24	23.51	23.53	23.45	23.90
20	64QAM	50	50	23.52	23.48	23.45	23.90
20	64QAM	100	0	23.55	23.55	23.50	23.90
20	256QAM	1	0	21.47	21.61	21.58	21.90
20	256QAM	1	49	21.44	21.49	21.46	21.90
20	256QAM	1	99	21.55	21.49	21.43	21.90
20	256QAM	50	0	21.58	21.63	21.59	21.90
20	256QAM	50	24	21.57	21.58	21.51	21.90
20	256QAM	50	50	21.57	21.53	21.48	21.90
20	256QAM	100	0	21.58	21.55	21.51	21.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.52	26.58	26.56	26.90
15	QPSK	1	37	26.44	26.53	26.45	26.90
15	QPSK	1	74	26.57	26.52	26.48	26.90
15	QPSK	36	0	25.37	25.45	25.40	25.90
15	QPSK	36	20	25.34	25.37	25.31	25.90
15	QPSK	36	39	25.39	25.37	25.34	25.90
15	QPSK	75	0	25.38	25.41	25.37	25.90
15	16QAM	1	0	25.78	25.85	25.82	25.90
15	16QAM	1	37	25.68	25.76	25.74	25.90
15	16QAM	1	74	25.82	25.78	25.77	25.90
15	16QAM	36	0	24.42	24.46	24.43	24.90
15	16QAM	36	20	24.37	24.42	24.38	24.90
15	16QAM	36	39	24.41	24.40	24.36	24.90
15	16QAM	75	0	24.42	24.45	24.38	24.90
15	64QAM	1	0	24.52	24.59	24.60	24.90
15	64QAM	1	37	24.37	24.48	24.46	24.90
15	64QAM	1	74	24.55	24.52	24.53	24.90
15	64QAM	36	0	23.44	23.52	23.45	23.90
15	64QAM	36	20	23.42	23.45	23.38	23.90
15	64QAM	36	39	23.44	23.45	23.38	23.90
15	64QAM	75	0	23.46	23.50	23.43	23.90
15	256QAM	1	0	21.47	21.59	21.53	21.90
15	256QAM	1	37	21.34	21.49	21.42	21.90
15	256QAM	1	74	21.54	21.51	21.44	21.90
15	256QAM	36	0	21.48	21.54	21.48	21.90
15	256QAM	36	20	21.47	21.50	21.43	21.90
15	256QAM	36	39	21.49	21.48	21.43	21.90
15	256QAM	75	0	21.48	21.51	21.45	21.90
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.52	26.57	26.52	26.90
10	QPSK	1	25	26.41	26.49	26.42	26.90
10	QPSK	1	49	26.47	26.52	26.48	26.90

10	QPSK	25	0	25.45	25.51	25.42	25.90
10	QPSK	25	12	25.39	25.45	25.36	25.90
10	QPSK	25	25	25.41	25.44	25.41	25.90
10	QPSK	50	0	25.41	25.44	25.38	25.90
10	16QAM	1	0	25.77	25.85	25.85	25.90
10	16QAM	1	25	25.64	25.71	25.70	25.90
10	16QAM	1	49	25.72	25.75	25.76	25.90
10	16QAM	25	0	24.44	24.52	24.42	24.90
10	16QAM	25	12	24.42	24.44	24.40	24.90
10	16QAM	25	25	24.41	24.44	24.42	24.90
10	16QAM	50	0	24.43	24.46	24.39	24.90
10	64QAM	1	0	24.46	24.52	24.50	24.90
10	64QAM	1	25	24.42	24.45	24.45	24.90
10	64QAM	1	49	24.40	24.43	24.45	24.90
10	64QAM	25	0	23.52	23.56	23.49	23.90
10	64QAM	25	12	23.47	23.51	23.46	23.90
10	64QAM	25	25	23.46	23.50	23.47	23.90
10	64QAM	50	0	23.45	23.49	23.41	23.90
10	256QAM	1	0	21.36	21.49	21.43	21.90
10	256QAM	1	25	21.33	21.43	21.37	21.90
10	256QAM	1	49	21.36	21.45	21.39	21.90
10	256QAM	25	0	21.49	21.53	21.45	21.90
10	256QAM	25	12	21.45	21.51	21.43	21.90
10	256QAM	25	25	21.46	21.46	21.45	21.90
10	256QAM	50	0	21.50	21.54	21.48	21.90
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.50	26.58	26.46	26.90
5	QPSK	1	12	26.44	26.51	26.41	26.90
5	QPSK	1	24	26.46	26.54	26.44	26.90
5	QPSK	12	0	25.44	25.47	25.42	25.90
5	QPSK	12	7	25.36	25.37	25.34	25.90
5	QPSK	12	13	25.40	25.42	25.41	25.90
5	QPSK	25	0	25.47	25.47	25.45	25.90
5	16QAM	1	0	25.76	25.82	25.84	25.90
5	16QAM	1	12	25.60	25.70	25.64	25.90
5	16QAM	1	24	25.73	25.82	25.80	25.90
5	16QAM	12	0	24.50	24.53	24.48	24.90
5	16QAM	12	7	24.42	24.46	24.42	24.90
5	16QAM	12	13	24.46	24.49	24.48	24.90
5	16QAM	25	0	24.49	24.50	24.46	24.90
5	64QAM	1	0	24.55	24.61	24.58	24.90
5	64QAM	1	12	24.50	24.57	24.53	24.90
5	64QAM	1	24	24.51	24.56	24.55	24.90
5	64QAM	12	0	23.54	23.58	23.52	23.90
5	64QAM	12	7	23.48	23.52	23.46	23.90
5	64QAM	12	13	23.49	23.54	23.51	23.90
5	64QAM	25	0	23.55	23.57	23.51	23.90
5	256QAM	1	0	21.41	21.56	21.44	21.90
5	256QAM	1	12	21.36	21.47	21.36	21.90
5	256QAM	1	24	21.41	21.52	21.42	21.90
5	256QAM	12	0	21.59	21.61	21.55	21.90
5	256QAM	12	7	21.52	21.57	21.49	21.90
5	256QAM	12	13	21.54	21.57	21.56	21.90
5	256QAM	25	0	21.55	21.53	21.50	21.90

【LTE Band 38_HPUE_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.49	26.59	26.54	26.90
20	QPSK	1	49	26.44	26.47	26.44	26.90
20	QPSK	1	99	26.50	26.45	26.42	26.90
20	QPSK	50	0	25.43	25.52	25.46	25.90
20	QPSK	50	24	25.42	25.42	25.38	25.90
20	QPSK	50	50	25.43	25.38	25.37	25.90
20	QPSK	100	0	25.44	25.45	25.41	25.90
20	16QAM	1	0	25.73	25.81	25.77	25.90
20	16QAM	1	49	25.67	25.68	25.70	25.90
20	16QAM	1	99	25.73	25.65	25.71	25.90
20	16QAM	50	0	24.50	24.56	24.54	24.90
20	16QAM	50	24	24.47	24.48	24.43	24.90



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20	16QAM	50	50	24.51	24.47	24.41	24.90
20	16QAM	100	0	24.52	24.50	24.47	24.90
20	64QAM	1	0	24.57	24.65	24.61	24.90
20	64QAM	1	49	24.49	24.53	24.51	24.90
20	64QAM	1	99	24.56	24.53	24.54	24.90
20	64QAM	50	0	23.52	23.59	23.54	23.90
20	64QAM	50	24	23.51	23.53	23.45	23.90
20	64QAM	50	50	23.52	23.48	23.45	23.90
20	64QAM	100	0	23.55	23.55	23.50	23.90
20	256QAM	1	0	21.47	21.61	21.58	21.90
20	256QAM	1	49	21.44	21.49	21.46	21.90
20	256QAM	1	99	21.55	21.49	21.43	21.90
20	256QAM	50	0	21.58	21.63	21.59	21.90
20	256QAM	50	24	21.57	21.58	21.51	21.90
20	256QAM	50	50	21.57	21.53	21.48	21.90
20	256QAM	100	0	21.58	21.55	21.51	21.90
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	26.52	26.58	26.56	26.90
15	QPSK	1	37	26.44	26.53	26.45	26.90
15	QPSK	1	74	26.57	26.52	26.48	26.90
15	QPSK	36	0	25.37	25.45	25.40	25.90
15	QPSK	36	20	25.34	25.37	25.31	25.90
15	QPSK	36	39	25.39	25.37	25.34	25.90
15	QPSK	75	0	25.38	25.41	25.37	25.90
15	16QAM	1	0	25.78	25.85	25.82	25.90
15	16QAM	1	37	25.68	25.76	25.74	25.90
15	16QAM	1	74	25.82	25.78	25.77	25.90
15	16QAM	36	0	24.42	24.46	24.43	24.90
15	16QAM	36	20	24.37	24.42	24.38	24.90
15	16QAM	36	39	24.41	24.40	24.36	24.90
15	16QAM	75	0	24.42	24.45	24.38	24.90
15	64QAM	1	0	24.52	24.59	24.60	24.90
15	64QAM	1	37	24.37	24.48	24.46	24.90
15	64QAM	1	74	24.55	24.52	24.53	24.90
15	64QAM	36	0	23.44	23.52	23.45	23.90
15	64QAM	36	20	23.42	23.45	23.38	23.90
15	64QAM	36	39	23.44	23.45	23.38	23.90
15	64QAM	75	0	23.46	23.50	23.43	23.90
15	256QAM	1	0	21.47	21.59	21.53	21.90
15	256QAM	1	37	21.34	21.49	21.42	21.90
15	256QAM	1	74	21.54	21.51	21.44	21.90
15	256QAM	36	0	21.48	21.54	21.48	21.90
15	256QAM	36	20	21.47	21.50	21.43	21.90
15	256QAM	36	39	21.49	21.48	21.43	21.90
15	256QAM	75	0	21.48	21.51	21.45	21.90
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	26.52	26.57	26.52	26.90
10	QPSK	1	25	26.41	26.49	26.42	26.90
10	QPSK	1	49	26.47	26.52	26.48	26.90
10	QPSK	25	0	25.45	25.51	25.42	25.90
10	QPSK	25	12	25.39	25.45	25.36	25.90
10	QPSK	25	25	25.41	25.44	25.41	25.90
10	QPSK	50	0	25.41	25.44	25.38	25.90
10	16QAM	1	0	25.77	25.85	25.85	25.90
10	16QAM	1	25	25.64	25.71	25.70	25.90
10	16QAM	1	49	25.72	25.75	25.76	25.90
10	16QAM	25	0	24.44	24.52	24.42	24.90
10	16QAM	25	12	24.42	24.44	24.40	24.90
10	16QAM	25	25	24.41	24.44	24.42	24.90
10	16QAM	50	0	24.43	24.46	24.39	24.90
10	64QAM	1	0	24.46	24.52	24.50	24.90
10	64QAM	1	25	24.42	24.45	24.45	24.90
10	64QAM	1	49	24.40	24.43	24.45	24.90
10	64QAM	25	0	23.52	23.56	23.49	23.90
10	64QAM	25	12	23.47	23.51	23.46	23.90
10	64QAM	25	25	23.46	23.50	23.47	23.90
10	64QAM	50	0	23.45	23.49	23.41	23.90
10	256QAM	1	0	21.36	21.49	21.43	21.90
10	256QAM	1	25	21.33	21.43	21.37	21.90
10	256QAM	1	49	21.36	21.45	21.39	21.90
10	256QAM	25	0	21.49	21.53	21.45	21.90
10	256QAM	25	12	21.45	21.51	21.43	21.90
10	256QAM	25	25	21.46	21.46	21.45	21.90
10	256QAM	50	0	21.50	21.54	21.48	21.90
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	26.50	26.58	26.46	26.90
5	QPSK	1	12	26.44	26.51	26.41	26.90
5	QPSK	1	24	26.46	26.54	26.44	26.90
5	QPSK	12	0	25.44	25.47	25.42	25.90
5	QPSK	12	7	25.36	25.37	25.34	25.90
5	QPSK	12	13	25.40	25.42	25.41	25.90
5	QPSK	25	0	25.47	25.47	25.45	25.90
5	16QAM	1	0	25.76	25.82	25.84	25.90
5	16QAM	1	12	25.60	25.70	25.64	25.90
5	16QAM	1	24	25.73	25.82	25.80	25.90
5	16QAM	12	0	24.50	24.53	24.48	24.90
5	16QAM	12	7	24.42	24.46	24.42	24.90
5	16QAM	12	13	24.46	24.49	24.48	24.90
5	16QAM	25	0	24.49	24.50	24.46	24.90
5	64QAM	1	0	24.55	24.61	24.58	24.90
5	64QAM	1	12	24.50	24.57	24.53	24.90
5	64QAM	1	24	24.51	24.56	24.55	24.90
5	64QAM	12	0	23.54	23.58	23.52	23.90
5	64QAM	12	7	23.48	23.52	23.46	23.90
5	64QAM	12	13	23.49	23.54	23.51	23.90
5	64QAM	25	0	23.55	23.57	23.51	23.90
5	256QAM	1	0	21.41	21.56	21.44	21.90
5	256QAM	1	12	21.36	21.47	21.36	21.90
5	256QAM	1	24	21.41	21.52	21.42	21.90
5	256QAM	12	0	21.59	21.61	21.55	21.90
5	256QAM	12	7	21.52	21.57	21.49	21.90
5	256QAM	12	13	21.54	21.57	21.56	21.90
5	256QAM	25	0	21.55	21.53	21.50	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.08	19.05	18.97	19.20
20	QPSK	1	49	19.03	18.97	18.93	19.20
20	QPSK	1	99	19.03	18.91	18.97	19.20
20	QPSK	50	0	19.01	19.00	18.94	19.20
20	QPSK	50	24	18.95	18.90	18.89	19.20
20	QPSK	50	50	18.96	18.86	18.89	19.20
20	QPSK	100	0	18.99	18.94	18.91	19.20
20	16QAM	1	0	19.20	19.20	19.13	19.20
20	16QAM	1	49	19.16	19.18	19.11	19.20
20	16QAM	1	99	19.19	19.17	19.17	19.20
20	16QAM	50	0	19.06	19.09	19.02	19.20
20	16QAM	50	24	19.02	18.98	18.97	19.20
20	16QAM	50	50	19.03	18.95	18.96	19.20
20	16QAM	100	0	19.06	19.00	18.99	19.20
20	64QAM	1	0	19.16	19.13	19.08	19.20
20	64QAM	1	49	19.11	19.05	19.07	19.20
20	64QAM	1	99	19.11	19.01	19.18	19.20
20	64QAM	50	0	19.08	19.10	19.04	19.20
20	64QAM	50	24	19.05	19.01	19.01	19.20
20	64QAM	50	50	19.04	18.96	18.98	19.20
20	64QAM	100	0	19.09	19.04	19.04	19.20
20	256QAM	1	0	19.12	19.14	19.11	19.20
20	256QAM	1	49	19.12	19.09	19.09	19.20
20	256QAM	1	99	19.11	19.04	19.09	19.20
20	256QAM	50	0	19.15	19.16	19.10	19.20
20	256QAM	50	24	19.12	19.06	19.06	19.20
20	256QAM	50	50	19.10	19.03	19.04	19.20
20	256QAM	100	0	19.11	19.06	19.05	19.20
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.99	18.95	18.89	19.20
15	QPSK	1	37	18.95	18.94	18.78	19.20
15	QPSK	1	74	18.97	18.77	18.83	19.20
15	QPSK	36	0	18.88	18.98	18.84	19.20
15	QPSK	36	20	18.81	18.75	18.76	19.20
15	QPSK	36	39	18.81	18.79	18.75	19.20
15	QPSK	75	0	18.89	18.89	18.78	19.20
15	16QAM	1	0	19.08	19.05	18.97	19.20
15	16QAM	1	37	19.08	19.05	18.97	19.20



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15	16QAM	1	74	19.06	19.05	18.97	19.20
15	16QAM	36	0	18.92	19.03	18.89	19.20
15	16QAM	36	20	18.87	18.95	18.96	19.20
15	16QAM	36	39	18.94	18.80	18.91	19.20
15	16QAM	75	0	18.91	18.95	18.93	19.20
15	64QAM	1	0	19.07	18.99	18.97	19.20
15	64QAM	1	37	19.06	18.97	18.93	19.20
15	64QAM	1	74	19.02	18.92	18.96	19.20
15	64QAM	36	0	19.05	19.04	18.97	19.20
15	64QAM	36	20	19.04	18.88	18.93	19.20
15	64QAM	36	39	18.96	18.90	18.89	19.20
15	64QAM	75	0	19.06	18.97	18.97	19.20
15	256QAM	1	0	19.07	19.03	18.96	19.20
15	256QAM	1	37	19.08	19.05	18.97	19.20
15	256QAM	1	74	19.01	18.95	18.97	19.20
15	256QAM	36	0	19.00	19.05	18.95	19.20
15	256QAM	36	20	19.07	18.97	18.96	19.20
15	256QAM	36	39	19.07	18.92	18.95	19.20
15	256QAM	75	0	19.07	18.92	18.96	19.20
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.02	18.94	18.95	19.20
10	QPSK	1	25	18.98	18.88	18.79	19.20
10	QPSK	1	49	18.88	18.82	18.91	19.20
10	QPSK	25	0	18.88	18.99	18.84	19.20
10	QPSK	25	12	18.85	18.78	18.88	19.20
10	QPSK	25	25	18.87	18.77	18.83	19.20
10	QPSK	50	0	18.97	18.92	18.88	19.20
10	16QAM	1	0	19.08	19.03	18.96	19.20
10	16QAM	1	25	19.03	19.05	18.97	19.20
10	16QAM	1	49	19.07	19.04	18.97	19.20
10	16QAM	25	0	18.92	18.94	18.91	19.20
10	16QAM	25	12	18.96	18.90	18.83	19.20
10	16QAM	25	25	18.98	18.92	18.94	19.20
10	16QAM	50	0	18.92	18.98	18.93	19.20
10	64QAM	1	0	19.02	19.05	18.96	19.20
10	64QAM	1	25	19.05	18.95	18.95	19.20
10	64QAM	1	49	19.05	19.00	18.96	19.20
10	64QAM	25	0	18.93	18.98	18.97	19.20
10	64QAM	25	12	19.04	18.97	18.86	19.20
10	64QAM	25	25	18.99	18.81	18.90	19.20
10	64QAM	50	0	19.02	18.96	18.96	19.20
10	256QAM	1	0	18.98	19.05	18.97	19.20
10	256QAM	1	25	19.08	19.00	18.96	19.20
10	256QAM	1	49	19.08	18.90	18.96	19.20
10	256QAM	25	0	19.08	19.05	18.96	19.20
10	256QAM	25	12	18.98	18.92	18.96	19.20
10	256QAM	25	25	19.01	18.97	18.97	19.20
10	256QAM	50	0	18.98	19.03	18.91	19.20
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.93	18.99	18.93	19.20
5	QPSK	1	12	18.88	18.89	18.82	19.20
5	QPSK	1	24	18.97	18.76	18.90	19.20
5	QPSK	12	0	18.89	18.92	18.81	19.20
5	QPSK	12	7	18.82	18.76	18.87	19.20
5	QPSK	12	13	18.93	18.72	18.78	19.20
5	QPSK	25	0	18.84	18.88	18.84	19.20
5	16QAM	1	0	19.08	19.03	18.97	19.20
5	16QAM	1	12	19.08	19.05	18.95	19.20
5	16QAM	1	24	19.07	19.05	18.97	19.20
5	16QAM	12	0	19.04	18.96	18.97	19.20
5	16QAM	12	7	18.95	18.89	18.84	19.20
5	16QAM	12	13	19.01	18.91	18.85	19.20
5	16QAM	25	0	19.01	18.93	18.86	19.20
5	64QAM	1	0	19.07	19.05	18.97	19.20
5	64QAM	1	12	19.08	18.93	18.97	19.20
5	64QAM	1	24	19.07	18.87	18.97	19.20
5	64QAM	12	0	19.07	19.04	18.90	19.20
5	64QAM	12	7	19.03	18.92	18.92	19.20
5	64QAM	12	13	18.97	18.90	18.86	19.20
5	64QAM	25	0	18.96	18.94	18.96	19.20
5	256QAM	1	0	19.04	19.04	18.97	19.20
5	256QAM	1	12	19.01	19.01	18.97	19.20
5	256QAM	1	24	19.02	18.96	18.96	19.20
5	256QAM	12	0	19.05	19.04	18.97	19.20
5	256QAM	12	7	19.05	18.94	18.96	19.20
5	256QAM	12	13	19.02	18.89	18.97	19.20

5	256QAM	25	0	19.07	18.92	18.95	19.20
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.32	20.52	20.30	21.80
20	QPSK	1	49	20.07	20.38	20.05	21.80
20	QPSK	1	99	20.14	20.35	20.08	21.80
20	QPSK	50	0	20.02	20.34	20.09	21.80
20	QPSK	50	24	19.96	20.29	20.06	21.80
20	QPSK	50	50	20.08	20.37	20.06	21.80
20	QPSK	100	0	20.00	20.33	20.01	21.80
20	16QAM	1	0	20.31	20.59	20.30	21.80
20	16QAM	1	49	20.31	20.54	20.28	21.80
20	16QAM	1	99	20.29	20.60	20.23	21.80
20	16QAM	50	0	20.13	20.38	20.04	21.80
20	16QAM	50	24	20.06	20.28	20.01	21.80
20	16QAM	50	50	20.15	20.45	20.15	21.80
20	16QAM	100	0	20.09	20.43	20.19	21.80
20	64QAM	1	0	20.25	20.47	20.15	21.80
20	64QAM	1	49	20.08	20.43	20.11	21.80
20	64QAM	1	99	20.24	20.48	20.13	21.80
20	64QAM	50	0	20.27	20.53	20.18	21.80
20	64QAM	50	24	20.08	20.35	20.08	21.80
20	64QAM	50	50	20.23	20.45	20.17	21.80
20	64QAM	100	0	20.05	20.37	20.09	21.80
20	256QAM	1	0	20.24	20.47	20.13	21.80
20	256QAM	1	49	20.11	20.43	20.08	21.80
20	256QAM	1	99	20.26	20.54	20.19	21.80
20	256QAM	50	0	20.24	20.54	20.21	21.80
20	256QAM	50	24	20.12	20.41	20.07	21.80
20	256QAM	50	50	20.16	20.50	20.22	21.80
20	256QAM	100	0	20.12	20.46	20.22	21.80
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.19	20.38	20.21	21.80
15	QPSK	1	37	19.97	20.30	19.90	21.80
15	QPSK	1	74	20.13	20.30	20.01	21.80
15	QPSK	36	0	19.99	20.29	19.96	21.80
15	QPSK	36	20	19.81	20.22	19.91	21.80
15	QPSK	36	39	20.05	20.32	19.98	21.80
15	QPSK	75	0	19.86	20.25	19.95	21.80
15	16QAM	1	0	20.18	20.51	20.27	21.80
15	16QAM	1	37	20.26	20.45	20.23	21.80
15	16QAM	1	74	20.16	20.52	20.11	21.80
15	16QAM	36	0	20.05	20.30	19.92	21.80
15	16QAM	36	20	20.02	20.19	19.93	21.80
15	16QAM	36	39	20.07	20.41	20.13	21.80
15	16QAM	75	0	19.99	20.39	20.09	21.80
15	64QAM	1	0	20.20	20.38	20.01	21.80
15	64QAM	1	37	20.05	20.39	19.97	21.80
15	64QAM	1	74	20.22	20.43	20.06	21.80
15	64QAM	36	0	20.21	20.46	20.05	21.80
15	64QAM	36	20	19.93	20.30	19.96	21.80
15	64QAM	36	39	20.11	20.37	20.10	21.80
15	64QAM	75	0	19.92	20.29	20.05	21.80
15	256QAM	1	0	20.18	20.37	20.12	21.80
15	256QAM	1	37	20.04	20.39	19.94	21.80
15	256QAM	1	74	20.18	20.41	20.16	21.80
15	256QAM	36	0	20.19	20.41	20.11	21.80
15	256QAM	36	20	20.03	20.33	20.02	21.80
15	256QAM	36	39	20.14	20.36	20.19	21.80
15	256QAM	75	0	20.10	20.33	20.11	21.80
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.27	20.45	20.25	21.80
10	QPSK	1	25	19.98	20.34	19.93	21.80
10	QPSK	1	49	20.07	20.34	19.99	21.80
10	QPSK	25	0	19.95	20.24	20.05	21.80
10	QPSK	25	12	19.91	20.23	20.02	21.80
10	QPSK	25	25	19.94	20.28	20.01	21.80

10	QPSK	50	0	19.99	20.22	19.99	21.80
10	16QAM	1	0	20.21	20.50	20.29	21.80
10	16QAM	1	25	20.18	20.42	20.14	21.80
10	16QAM	1	49	20.17	20.52	20.11	21.80
10	16QAM	25	0	20.05	20.32	19.97	21.80
10	16QAM	25	12	19.96	20.25	19.97	21.80
10	16QAM	25	25	20.09	20.40	20.09	21.80
10	16QAM	50	0	19.97	20.33	20.13	21.80
10	64QAM	1	0	20.22	20.37	20.07	21.80
10	64QAM	1	25	20.03	20.40	20.07	21.80
10	64QAM	1	49	20.10	20.35	20.05	21.80
10	64QAM	25	0	20.18	20.45	20.09	21.80
10	64QAM	25	12	20.02	20.20	20.02	21.80
10	64QAM	25	25	20.09	20.38	20.14	21.80
10	64QAM	50	0	19.93	20.30	19.97	21.80
10	256QAM	1	0	20.17	20.35	20.06	21.80
10	256QAM	1	25	20.07	20.28	20.04	21.80
10	256QAM	1	49	20.14	20.45	20.11	21.80
10	256QAM	25	0	20.16	20.52	20.16	21.80
10	256QAM	25	12	19.99	20.36	20.03	21.80
10	256QAM	25	25	20.07	20.37	20.11	21.80
10	256QAM	50	0	19.99	20.34	20.13	21.80
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.29	20.41	20.28	21.80
5	QPSK	1	12	19.96	20.35	20.03	21.80
5	QPSK	1	24	20.06	20.34	20.02	21.80
5	QPSK	12	0	19.91	20.23	20.04	21.80
5	QPSK	12	7	19.92	20.17	19.98	21.80
5	QPSK	12	13	19.97	20.31	19.98	21.80
5	QPSK	25	0	19.93	20.31	19.96	21.80
5	16QAM	1	0	20.20	20.52	20.15	21.80
5	16QAM	1	12	20.26	20.39	20.23	21.80
5	16QAM	1	24	20.24	20.45	20.08	21.80
5	16QAM	12	0	20.00	20.25	20.00	21.80
5	16QAM	12	7	20.02	20.27	19.92	21.80
5	16QAM	12	13	20.08	20.39	20.06	21.80
5	16QAM	25	0	20.02	20.41	20.08	21.80
5	64QAM	1	0	20.20	20.34	20.05	21.80
5	64QAM	1	12	19.99	20.36	20.10	21.80
5	64QAM	1	24	20.11	20.46	20.04	21.80
5	64QAM	12	0	20.21	20.41	20.10	21.80
5	64QAM	12	7	19.98	20.22	19.99	21.80
5	64QAM	12	13	20.11	20.34	20.12	21.80
5	64QAM	25	0	20.02	20.34	20.00	21.80
5	256QAM	1	0	20.15	20.44	20.11	21.80
5	256QAM	1	12	20.00	20.41	20.03	21.80
5	256QAM	1	24	20.13	20.49	20.16	21.80
5	256QAM	12	0	20.16	20.46	20.13	21.80
5	256QAM	12	7	20.10	20.30	20.00	21.80
5	256QAM	12	13	20.08	20.39	20.13	21.80
5	256QAM	25	0	20.03	20.42	20.11	21.80

【LTE Band 38_HPUE_Ant 0_ECI 5】

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	19.08	19.05	18.97	19.20
20	QPSK	1	49	19.03	18.97	18.93	19.20
20	QPSK	1	99	19.03	18.91	18.97	19.20
20	QPSK	50	0	19.01	19.00	18.94	19.20
20	QPSK	50	24	18.95	18.90	18.89	19.20
20	QPSK	50	50	18.96	18.86	18.89	19.20
20	QPSK	100	0	18.99	18.94	18.91	19.20
20	16QAM	1	0	19.20	19.20	19.13	19.20
20	16QAM	1	49	19.16	19.18	19.11	19.20
20	16QAM	1	99	19.19	19.17	19.17	19.20
20	16QAM	50	0	19.06	19.09	19.02	19.20
20	16QAM	50	24	19.02	18.98	18.97	19.20
20	16QAM	50	50	19.03	18.95	18.96	19.20
20	16QAM	100	0	19.06	19.00	18.99	19.20
20	64QAM	1	0	19.16	19.13	19.08	19.20

20	64QAM	1	49	19.11	19.05	19.07	19.20
20	64QAM	1	99	19.11	19.01	19.18	19.20
20	64QAM	50	0	19.08	19.10	19.04	19.20
20	64QAM	50	24	19.05	19.01	19.01	19.20
20	64QAM	50	50	19.04	18.96	18.98	19.20
20	64QAM	100	0	19.09	19.04	19.04	19.20
20	256QAM	1	0	19.12	19.14	19.11	19.20
20	256QAM	1	49	19.12	19.09	19.09	19.20
20	256QAM	1	99	19.11	19.04	19.09	19.20
20	256QAM	50	0	19.15	19.16	19.10	19.20
20	256QAM	50	24	19.12	19.06	19.06	19.20
20	256QAM	50	50	19.10	19.03	19.04	19.20
20	256QAM	100	0	19.11	19.06	19.05	19.20
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	18.99	18.95	18.89	19.20
15	QPSK	1	37	18.95	18.94	18.78	19.20
15	QPSK	1	74	18.97	18.77	18.83	19.20
15	QPSK	36	0	18.88	18.98	18.84	19.20
15	QPSK	36	20	18.81	18.75	18.76	19.20
15	QPSK	36	39	18.81	18.79	18.75	19.20
15	QPSK	75	0	18.89	18.89	18.78	19.20
15	16QAM	1	0	19.08	19.05	18.97	19.20
15	16QAM	1	37	19.08	19.05	18.97	19.20
15	16QAM	1	74	19.06	19.05	18.97	19.20
15	16QAM	36	0	18.92	19.03	18.89	19.20
15	16QAM	36	20	18.87	18.95	18.96	19.20
15	16QAM	36	39	18.94	18.80	18.91	19.20
15	16QAM	75	0	18.91	18.95	18.93	19.20
15	64QAM	1	0	19.07	18.99	18.97	19.20
15	64QAM	1	37	19.06	18.97	18.93	19.20
15	64QAM	1	74	19.02	18.92	18.96	19.20
15	64QAM	36	0	19.05	19.04	18.97	19.20
15	64QAM	36	20	19.04	18.88	18.93	19.20
15	64QAM	36	39	18.96	18.90	18.89	19.20
15	64QAM	75	0	19.06	18.97	18.97	19.20
15	256QAM	1	0	19.07	19.03	18.96	19.20
15	256QAM	1	37	19.08	19.05	18.97	19.20
15	256QAM	1	74	19.01	18.95	18.97	19.20
15	256QAM	36	0	19.00	19.05	18.95	19.20
15	256QAM	36	20	19.07	18.97	18.96	19.20
15	256QAM	36	39	19.07	18.92	18.95	19.20
15	256QAM	75	0	19.07	18.92	18.96	19.20
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.02	18.94	18.95	19.20
10	QPSK	1	25	18.98	18.88	18.79	19.20
10	QPSK	1	49	18.88	18.82	18.91	19.20
10	QPSK	25	0	18.88	18.99	18.84	19.20
10	QPSK	25	12	18.85	18.78	18.88	19.20
10	QPSK	25	25	18.87	18.77	18.83	19.20
10	QPSK	50	0	18.97	18.92	18.88	19.20
10	16QAM	1	0	19.08	19.03	18.96	19.20
10	16QAM	1	25	19.03	19.05	18.97	19.20
10	16QAM	1	49	19.07	19.04	18.97	19.20
10	16QAM	25	0	18.92	18.94	18.91	19.20
10	16QAM	25	12	18.96	18.90	18.83	19.20
10	16QAM	25	25	18.98	18.92	18.94	19.20
10	16QAM	50	0	18.92	18.98	18.93	19.20
10	64QAM	1	0	19.02	19.05	18.96	19.20
10	64QAM	1	25	19.05	18.95	18.95	19.20
10	64QAM	1	49	19.05	19.00	18.96	19.20
10	64QAM	25	0	18.93	18.98	18.97	19.20
10	64QAM	25	12	19.04	18.97	18.86	19.20
10	64QAM	25	25	18.99	18.81	18.90	19.20
10	64QAM	50	0	19.02	18.96	18.96	19.20
10	256QAM	1	0	18.98	19.05	18.97	19.20
10	256QAM	1	25	19.08	19.00	18.96	19.20
10	256QAM	1	49	19.08	18.90	18.96	19.20
10	256QAM	25	0	19.08	19.05	18.96	19.20
10	256QAM	25	12	18.98	18.92	18.96	19.20
10	256QAM	25	25	19.01	18.97	18.97	19.20
10	256QAM	50	0	18.98	19.03	18.91	19.20
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.93	18.99	18.93	19.20
5	QPSK	1	12	18.88	18.89	18.82	19.20
5	QPSK	1	24	18.97	18.76	18.90	19.20

5	QPSK	12	0	18.89	18.92	18.81	19.20
5	QPSK	12	7	18.82	18.76	18.87	19.20
5	QPSK	12	13	18.93	18.72	18.78	19.20
5	QPSK	25	0	18.84	18.88	18.84	19.20
5	16QAM	1	0	19.08	19.03	18.97	19.20
5	16QAM	1	12	19.08	19.05	18.95	19.20
5	16QAM	1	24	19.07	19.05	18.97	19.20
5	16QAM	12	0	19.04	18.96	18.97	19.20
5	16QAM	12	7	18.95	18.89	18.84	19.20
5	16QAM	12	13	19.01	18.91	18.85	19.20
5	16QAM	25	0	19.01	18.93	18.86	19.20
5	64QAM	1	0	19.07	19.05	18.97	19.20
5	64QAM	1	12	19.08	18.93	18.97	19.20
5	64QAM	1	24	19.07	18.87	18.97	19.20
5	64QAM	12	0	19.07	19.04	18.90	19.20
5	64QAM	12	7	19.03	18.92	18.92	19.20
5	64QAM	12	13	18.97	18.90	18.86	19.20
5	64QAM	25	0	18.96	18.94	18.96	19.20
5	256QAM	1	0	19.04	19.04	18.97	19.20
5	256QAM	1	12	19.01	19.01	18.97	19.20
5	256QAM	1	24	19.02	18.96	18.96	19.20
5	256QAM	12	0	19.05	19.04	18.97	19.20
5	256QAM	12	7	19.05	18.94	18.96	19.20
5	256QAM	12	13	19.02	18.89	18.97	19.20
5	256QAM	25	0	19.07	18.92	18.95	19.20

【LTE Band 38_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.42	18.30	18.21	20.10
20	QPSK	1	49	18.27	18.29	18.25	20.10
20	QPSK	1	99	18.26	18.25	18.25	20.10
20	QPSK	50	0	18.41	18.30	18.24	20.10
20	QPSK	50	24	18.29	18.22	18.20	20.10
20	QPSK	50	50	18.24	18.18	18.20	20.10
20	QPSK	100	0	18.31	18.20	18.19	20.10
20	16QAM	1	0	18.55	18.44	18.38	20.10
20	16QAM	1	49	18.39	18.29	18.29	20.10
20	16QAM	1	99	18.33	18.32	18.33	20.10
20	16QAM	50	0	18.48	18.35	18.30	20.10
20	16QAM	50	24	18.37	18.27	18.26	20.10
20	16QAM	50	50	18.31	18.23	18.27	20.10
20	16QAM	100	0	18.39	18.28	18.27	20.10
20	64QAM	1	0	18.33	18.21	18.15	20.10
20	64QAM	1	49	18.16	18.29	18.30	20.10
20	64QAM	1	99	18.13	18.26	18.14	20.10
20	64QAM	50	0	18.51	18.37	18.33	20.10
20	64QAM	50	24	18.38	18.31	18.30	20.10
20	64QAM	50	50	18.34	18.25	18.30	20.10
20	64QAM	100	0	18.43	18.32	18.31	20.10
20	256QAM	1	0	18.46	18.35	18.30	20.00
20	256QAM	1	49	18.33	18.22	18.25	20.00
20	256QAM	1	99	18.30	18.20	18.29	20.00
20	256QAM	50	0	18.57	18.44	18.38	20.00
20	256QAM	50	24	18.48	18.39	18.37	20.00
20	256QAM	50	50	18.40	18.32	18.35	20.00
20	256QAM	100	0	18.46	18.33	18.33	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.30	18.15	18.11	20.10
15	QPSK	1	37	18.17	18.19	18.16	20.10
15	QPSK	1	74	18.22	18.17	18.22	20.10
15	QPSK	36	0	18.39	18.25	18.22	20.10
15	QPSK	36	20	18.19	18.21	18.13	20.10
15	QPSK	36	39	18.14	18.12	18.10	20.10
15	QPSK	75	0	18.17	18.12	18.10	20.10
15	16QAM	1	0	18.41	18.31	18.26	20.10
15	16QAM	1	37	18.34	18.18	18.22	20.10
15	16QAM	1	74	18.21	18.20	18.21	20.10
15	16QAM	36	0	18.47	18.22	18.26	20.10
15	16QAM	36	20	18.29	18.12	18.15	20.10
15	16QAM	36	39	18.16	18.22	18.18	20.10
15	16QAM	75	0	18.31	18.18	18.24	20.10
15	64QAM	1	0	18.27	18.14	18.13	20.10
15	64QAM	1	37	18.10	18.15	18.15	20.10
15	64QAM	1	74	18.10	18.16	18.10	20.10
15	64QAM	36	0	18.49	18.28	18.18	20.10
15	64QAM	36	20	18.25	18.16	18.28	20.10
15	64QAM	36	39	18.23	18.20	18.19	20.10
15	64QAM	75	0	18.40	18.26	18.17	20.10
15	256QAM	1	0	18.33	18.34	18.23	20.00
15	256QAM	1	37	18.22	18.18	18.17	20.00
15	256QAM	1	74	18.22	18.17	18.17	20.00
15	256QAM	36	0	18.53	18.30	18.31	20.00
15	256QAM	36	20	18.41	18.36	18.35	20.00
15	256QAM	36	39	18.27	18.20	18.29	20.00
15	256QAM	75	0	18.39	18.29	18.24	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.29	18.20	18.10	20.10
10	QPSK	1	25	18.19	18.27	18.12	20.10
10	QPSK	1	49	18.17	18.10	18.21	20.10
10	QPSK	25	0	18.34	18.18	18.13	20.10

10	QPSK	25	12	18.18	18.10	18.13	20.10
10	QPSK	25	25	18.19	18.14	18.10	20.10
10	QPSK	50	0	18.21	18.19	18.11	20.10
10	16QAM	1	0	18.42	18.31	18.29	20.10
10	16QAM	1	25	18.27	18.25	18.15	20.10
10	16QAM	1	49	18.23	18.19	18.25	20.10
10	16QAM	25	0	18.38	18.22	18.15	20.10
10	16QAM	25	12	18.32	18.13	18.19	20.10
10	16QAM	25	25	18.19	18.22	18.23	20.10
10	16QAM	50	0	18.35	18.24	18.21	20.10
10	64QAM	1	0	18.18	18.13	18.10	20.10
10	64QAM	1	25	18.11	18.18	18.17	20.10
10	64QAM	1	49	18.10	18.22	18.10	20.10
10	64QAM	25	0	18.37	18.27	18.18	20.10
10	64QAM	25	12	18.24	18.23	18.29	20.10
10	64QAM	25	25	18.25	18.23	18.25	20.10
10	64QAM	50	0	18.36	18.24	18.28	20.10
10	256QAM	1	0	18.37	18.23	18.27	20.00
10	256QAM	1	25	18.31	18.19	18.23	20.00
10	256QAM	1	49	18.17	18.14	18.15	20.00
10	256QAM	25	0	18.53	18.40	18.26	20.00
10	256QAM	25	12	18.33	18.37	18.30	20.00
10	256QAM	25	25	18.33	18.29	18.30	20.00
10	256QAM	50	0	18.35	18.28	18.25	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.39	18.18	18.10	20.10
5	QPSK	1	12	18.17	18.17	18.13	20.10
5	QPSK	1	24	18.24	18.22	18.19	20.10
5	QPSK	12	0	18.31	18.25	18.14	20.10
5	QPSK	12	7	18.28	18.15	18.12	20.10
5	QPSK	12	13	18.18	18.14	18.16	20.10
5	QPSK	25	0	18.19	18.14	18.11	20.10
5	16QAM	1	0	18.52	18.31	18.25	20.10
5	16QAM	1	12	18.24	18.27	18.17	20.10
5	16QAM	1	24	18.27	18.25	18.22	20.10
5	16QAM	12	0	18.37	18.22	18.29	20.10
5	16QAM	12	7	18.33	18.22	18.23	20.10
5	16QAM	12	13	18.24	18.16	18.22	20.10
5	16QAM	25	0	18.31	18.16	18.14	20.10
5	64QAM	1	0	18.27	18.19	18.11	20.10
5	64QAM	1	12	18.10	18.16	18.23	20.10
5	64QAM	1	24	18.10	18.21	18.13	20.10
5	64QAM	12	0	18.37	18.31	18.25	20.10
5	64QAM	12	7	18.28	18.23	18.18	20.10
5	64QAM	12	13	18.28	18.13	18.17	20.10
5	64QAM	25	0	18.29	18.23	18.22	20.10
5	256QAM	1	0	18.42	18.24	18.17	20.00
5	256QAM	1	12	18.24	18.13	18.18	20.00
5	256QAM	1	24	18.28	18.10	18.26	20.00
5	256QAM	12	0	18.45	18.31	18.34	20.00
5	256QAM	12	7	18.43	18.37	18.30	20.00
5	256QAM	12	13	18.37	18.26	18.25	20.00
5	256QAM	25	0	18.34	18.27	18.18	20.00

【LTE Band 38_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.42	18.30	18.21	19.40
20	QPSK	1	49	18.27	18.29	18.25	19.40
20	QPSK	1	99	18.26	18.25	18.25	19.40
20	QPSK	50	0	18.41	18.30	18.24	19.40
20	QPSK	50	24	18.29	18.22	18.20	19.40
20	QPSK	50	50	18.24	18.18	18.20	19.40
20	QPSK	100	0	18.31	18.20	18.19	19.40
20	16QAM	1	0	18.55	18.44	18.38	19.40
20	16QAM	1	49	18.39	18.29	18.29	19.40
20	16QAM	1	99	18.33	18.32	18.33	19.40
20	16QAM	50	0	18.48	18.35	18.30	19.40
20	16QAM	50	24	18.37	18.27	18.26	19.40
20	16QAM	50	50	18.31	18.23	18.27	19.40



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20	16QAM	100	0	18.39	18.28	18.27	19.40
20	64QAM	1	0	18.33	18.21	18.15	19.40
20	64QAM	1	49	18.16	18.29	18.30	19.40
20	64QAM	1	99	18.13	18.26	18.14	19.40
20	64QAM	50	0	18.51	18.37	18.33	19.40
20	64QAM	50	24	18.38	18.31	18.30	19.40
20	64QAM	50	50	18.34	18.25	18.30	19.40
20	64QAM	100	0	18.43	18.32	18.31	19.40
20	256QAM	1	0	18.46	18.35	18.30	19.40
20	256QAM	1	49	18.33	18.22	18.25	19.40
20	256QAM	1	99	18.30	18.20	18.29	19.40
20	256QAM	50	0	18.57	18.44	18.38	19.40
20	256QAM	50	24	18.48	18.39	18.37	19.40
20	256QAM	50	50	18.40	18.32	18.35	19.40
20	256QAM	100	0	18.46	18.33	18.33	19.40
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.30	18.15	18.11	19.40
15	QPSK	1	37	18.17	18.19	18.16	19.40
15	QPSK	1	74	18.22	18.17	18.22	19.40
15	QPSK	36	0	18.39	18.25	18.22	19.40
15	QPSK	36	20	18.19	18.21	18.13	19.40
15	QPSK	36	39	18.14	18.12	18.10	19.40
15	QPSK	75	0	18.17	18.12	18.10	19.40
15	16QAM	1	0	18.41	18.31	18.26	19.40
15	16QAM	1	37	18.34	18.18	18.22	19.40
15	16QAM	1	74	18.21	18.20	18.21	19.40
15	16QAM	36	0	18.47	18.22	18.26	19.40
15	16QAM	36	20	18.29	18.12	18.15	19.40
15	16QAM	36	39	18.16	18.22	18.18	19.40
15	16QAM	75	0	18.31	18.18	18.24	19.40
15	64QAM	1	0	18.27	18.14	18.13	19.40
15	64QAM	1	37	18.10	18.15	18.15	19.40
15	64QAM	1	74	18.10	18.16	18.10	19.40
15	64QAM	36	0	18.49	18.28	18.18	19.40
15	64QAM	36	20	18.25	18.16	18.28	19.40
15	64QAM	36	39	18.23	18.20	18.19	19.40
15	64QAM	75	0	18.40	18.26	18.17	19.40
15	256QAM	1	0	18.33	18.34	18.23	19.40
15	256QAM	1	37	18.22	18.18	18.17	19.40
15	256QAM	1	74	18.22	18.17	18.17	19.40
15	256QAM	36	0	18.53	18.30	18.31	19.40
15	256QAM	36	20	18.41	18.36	18.35	19.40
15	256QAM	36	39	18.27	18.20	18.29	19.40
15	256QAM	75	0	18.39	18.29	18.24	19.40
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.29	18.20	18.10	19.40
10	QPSK	1	25	18.19	18.27	18.12	19.40
10	QPSK	1	49	18.17	18.10	18.21	19.40
10	QPSK	25	0	18.34	18.18	18.13	19.40
10	QPSK	25	12	18.18	18.10	18.13	19.40
10	QPSK	25	25	18.19	18.14	18.10	19.40
10	QPSK	50	0	18.21	18.19	18.11	19.40
10	16QAM	1	0	18.42	18.31	18.29	19.40
10	16QAM	1	25	18.27	18.25	18.15	19.40
10	16QAM	1	49	18.23	18.19	18.25	19.40
10	16QAM	25	0	18.38	18.22	18.15	19.40
10	16QAM	25	12	18.32	18.13	18.19	19.40
10	16QAM	25	25	18.19	18.22	18.23	19.40
10	16QAM	50	0	18.35	18.24	18.21	19.40
10	64QAM	1	0	18.18	18.13	18.10	19.40
10	64QAM	1	25	18.11	18.18	18.17	19.40
10	64QAM	1	49	18.10	18.22	18.10	19.40
10	64QAM	25	0	18.37	18.27	18.18	19.40
10	64QAM	25	12	18.24	18.23	18.29	19.40
10	64QAM	25	25	18.25	18.23	18.25	19.40
10	64QAM	50	0	18.36	18.24	18.28	19.40
10	256QAM	1	0	18.37	18.23	18.27	19.40
10	256QAM	1	25	18.31	18.19	18.23	19.40
10	256QAM	1	49	18.17	18.14	18.15	19.40
10	256QAM	25	0	18.53	18.40	18.26	19.40
10	256QAM	25	12	18.33	18.37	18.30	19.40
10	256QAM	25	25	18.33	18.29	18.30	19.40
10	256QAM	50	0	18.35	18.28	18.25	19.40
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.39	18.18	18.10	19.40

5	QPSK	1	12	18.17	18.17	18.13	19.40
5	QPSK	1	24	18.24	18.22	18.19	19.40
5	QPSK	12	0	18.31	18.25	18.14	19.40
5	QPSK	12	7	18.28	18.15	18.12	19.40
5	QPSK	12	13	18.18	18.14	18.16	19.40
5	QPSK	25	0	18.19	18.14	18.11	19.40
5	16QAM	1	0	18.52	18.31	18.25	19.40
5	16QAM	1	12	18.24	18.27	18.17	19.40
5	16QAM	1	24	18.27	18.25	18.22	19.40
5	16QAM	12	0	18.37	18.22	18.29	19.40
5	16QAM	12	7	18.33	18.22	18.23	19.40
5	16QAM	12	13	18.24	18.16	18.22	19.40
5	16QAM	25	0	18.31	18.16	18.14	19.40
5	64QAM	1	0	18.27	18.19	18.11	19.40
5	64QAM	1	12	18.10	18.16	18.23	19.40
5	64QAM	1	24	18.10	18.21	18.13	19.40
5	64QAM	12	0	18.37	18.31	18.25	19.40
5	64QAM	12	7	18.28	18.23	18.18	19.40
5	64QAM	12	13	18.28	18.13	18.17	19.40
5	64QAM	25	0	18.29	18.23	18.22	19.40
5	256QAM	1	0	18.42	18.24	18.17	19.40
5	256QAM	1	12	18.24	18.13	18.18	19.40
5	256QAM	1	24	18.28	18.10	18.26	19.40
5	256QAM	12	0	18.45	18.31	18.34	19.40
5	256QAM	12	7	18.43	18.37	18.30	19.40
5	256QAM	12	13	18.37	18.26	18.25	19.40
5	256QAM	25	0	18.34	18.27	18.18	19.40

【LTE Band 38_Ant 1_ECI 4】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.82	21.92	21.85	22.50
20	QPSK	1	49	21.60	21.83	21.65	22.50
20	QPSK	1	99	21.61	21.74	21.64	22.50
20	QPSK	50	0	21.81	21.94	21.72	22.50
20	QPSK	50	24	21.60	21.77	21.61	22.50
20	QPSK	50	50	21.60	21.79	21.63	22.50
20	QPSK	100	0	21.63	21.83	21.63	22.50
20	16QAM	1	0	21.72	21.85	21.64	22.50
20	16QAM	1	49	21.81	21.70	21.85	22.50
20	16QAM	1	99	21.64	21.84	21.65	22.50
20	16QAM	50	0	21.60	21.76	21.57	22.50
20	16QAM	50	24	21.54	21.66	21.57	22.50
20	16QAM	50	50	21.55	21.70	21.60	22.50
20	16QAM	100	0	21.50	21.66	21.45	22.50
20	64QAM	1	0	21.65	21.79	21.59	22.50
20	64QAM	1	49	21.50	21.65	21.52	22.50
20	64QAM	1	99	21.52	21.64	21.46	22.50
20	64QAM	50	0	21.34	21.58	21.39	22.00
20	64QAM	50	24	21.24	21.47	21.32	22.00
20	64QAM	50	50	21.33	21.47	21.30	22.00
20	64QAM	100	0	21.31	21.46	21.30	22.00
20	256QAM	1	0	19.22	19.42	19.32	20.00
20	256QAM	1	49	19.08	19.28	19.13	20.00
20	256QAM	1	99	19.17	19.35	19.18	20.00
20	256QAM	50	0	19.41	19.54	19.44	20.00
20	256QAM	50	24	19.33	19.46	19.29	20.00
20	256QAM	50	50	19.19	19.39	19.23	20.00
20	256QAM	100	0	19.23	19.42	19.22	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.74	21.86	21.81	22.50
15	QPSK	1	37	21.60	21.74	21.61	22.50
15	QPSK	1	74	21.61	21.67	21.61	22.50
15	QPSK	36	0	21.71	21.83	21.61	22.50
15	QPSK	36	20	21.61	21.73	21.60	22.50
15	QPSK	36	39	21.60	21.72	21.62	22.50
15	QPSK	75	0	21.60	21.77	21.61	22.50
15	16QAM	1	0	21.61	21.71	21.60	22.50
15	16QAM	1	37	21.68	21.91	21.83	22.50
15	16QAM	1	74	21.61	21.81	21.60	22.50
15	16QAM	36	0	21.50	21.75	21.49	22.50
15	16QAM	36	20	21.41	21.63	21.42	22.50
15	16QAM	36	39	21.50	21.67	21.57	22.50
15	16QAM	75	0	21.41	21.62	21.43	22.50
15	64QAM	1	0	21.55	21.70	21.49	22.50
15	64QAM	1	37	21.38	21.56	21.40	22.50
15	64QAM	1	74	21.45	21.55	21.44	22.50
15	64QAM	36	0	21.29	21.54	21.24	22.00
15	64QAM	36	20	21.19	21.33	21.21	22.00
15	64QAM	36	39	21.21	21.35	21.24	22.00
15	64QAM	75	0	21.21	21.41	21.22	22.00
15	256QAM	1	0	19.07	19.31	19.21	20.00
15	256QAM	1	37	18.97	19.24	19.08	20.00
15	256QAM	1	74	19.08	19.34	19.05	20.00
15	256QAM	36	0	19.38	19.41	19.32	20.00
15	256QAM	36	20	19.32	19.35	19.14	20.00
15	256QAM	36	39	19.15	19.26	19.13	20.00
15	256QAM	75	0	19.21	19.31	19.14	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.80	21.82	21.71	22.50
10	QPSK	1	25	21.61	21.70	21.60	22.50
10	QPSK	1	49	21.62	21.71	21.60	22.50
10	QPSK	25	0	21.70	21.86	21.61	22.50
10	QPSK	25	12	21.60	21.75	21.61	22.50
10	QPSK	25	25	21.61	21.69	21.61	22.50
10	QPSK	50	0	21.60	21.72	21.62	22.50
10	16QAM	1	0	21.64	21.80	21.60	22.50
10	16QAM	1	25	21.80	21.91	21.72	22.50
10	16QAM	1	49	21.61	21.76	21.60	22.50

10	16QAM	25	0	21.55	21.62	21.47	22.50
10	16QAM	25	12	21.52	21.54	21.47	22.50
10	16QAM	25	25	21.41	21.57	21.53	22.50
10	16QAM	50	0	21.43	21.57	21.40	22.50
10	64QAM	1	0	21.53	21.70	21.50	22.50
10	64QAM	1	25	21.37	21.62	21.47	22.50
10	64QAM	1	49	21.37	21.56	21.42	22.50
10	64QAM	25	0	21.20	21.45	21.26	22.00
10	64QAM	25	12	21.16	21.32	21.22	22.00
10	64QAM	25	25	21.19	21.44	21.27	22.00
10	64QAM	50	0	21.28	21.45	21.20	22.00
10	256QAM	1	0	19.16	19.33	19.30	20.00
10	256QAM	1	25	18.93	19.14	19.05	20.00
10	256QAM	1	49	19.09	19.27	19.10	20.00
10	256QAM	25	0	19.31	19.43	19.37	20.00
10	256QAM	25	12	19.28	19.38	19.25	20.00
10	256QAM	25	25	19.08	19.37	19.16	20.00
10	256QAM	50	0	19.17	19.30	19.13	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.73	21.80	21.74	22.50
5	QPSK	1	12	21.60	21.71	21.60	22.50
5	QPSK	1	24	21.60	21.62	21.60	22.50
5	QPSK	12	0	21.69	21.92	21.62	22.50
5	QPSK	12	7	21.60	21.64	21.61	22.50
5	QPSK	12	13	21.62	21.75	21.60	22.50
5	QPSK	25	0	21.60	21.74	21.61	22.50
5	16QAM	1	0	21.63	21.83	21.62	22.50
5	16QAM	1	12	21.75	21.92	21.74	22.50
5	16QAM	1	24	21.61	21.80	21.60	22.50
5	16QAM	12	0	21.59	21.73	21.47	22.50
5	16QAM	12	7	21.39	21.62	21.50	22.50
5	16QAM	12	13	21.53	21.68	21.48	22.50
5	16QAM	25	0	21.44	21.61	21.34	22.50
5	64QAM	1	0	21.60	21.71	21.52	22.50
5	64QAM	1	12	21.40	21.54	21.40	22.50
5	64QAM	1	24	21.38	21.53	21.40	22.50
5	64QAM	12	0	21.28	21.50	21.26	22.00
5	64QAM	12	7	21.15	21.41	21.24	22.00
5	64QAM	12	13	21.24	21.34	21.25	22.00
5	64QAM	25	0	21.28	21.41	21.18	22.00
5	256QAM	1	0	19.17	19.37	19.18	20.00
5	256QAM	1	12	19.01	19.23	19.05	20.00
5	256QAM	1	24	19.10	19.24	19.07	20.00
5	256QAM	12	0	19.31	19.48	19.41	20.00
5	256QAM	12	7	19.30	19.40	19.27	20.00
5	256QAM	12	13	19.06	19.25	19.14	20.00
5	256QAM	25	0	19.19	19.30	19.15	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.84	19.71	19.72	20.10
20	QPSK	1	49	19.73	19.65	19.51	20.10
20	QPSK	1	99	19.63	19.63	19.59	20.10
20	QPSK	50	0	19.77	19.65	19.58	20.10
20	QPSK	50	24	19.69	19.57	19.53	20.10
20	QPSK	50	50	19.66	19.61	19.55	20.10
20	QPSK	100	0	19.73	19.61	19.59	20.10
20	16QAM	1	0	19.96	19.80	19.81	20.10
20	16QAM	1	49	19.80	19.74	19.60	20.10
20	16QAM	1	99	19.74	19.72	19.72	20.10
20	16QAM	50	0	19.84	19.71	19.66	20.10
20	16QAM	50	24	19.77	19.64	19.59	20.10
20	16QAM	50	50	19.72	19.66	19.63	20.10
20	16QAM	100	0	19.80	19.67	19.65	20.10
20	64QAM	1	0	19.58	19.65	19.62	20.10
20	64QAM	1	49	19.57	19.58	19.56	20.10
20	64QAM	1	99	19.56	19.54	19.53	20.10
20	64QAM	50	0	19.87	19.74	19.67	20.10
20	64QAM	50	24	19.80	19.69	19.63	20.10



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20	64QAM	50	50	19.75	19.71	19.66	20.10
20	64QAM	100	0	19.84	19.72	19.70	20.10
20	256QAM	1	0	19.65	19.66	19.48	20.00
20	256QAM	1	49	19.53	19.59	19.27	20.00
20	256QAM	1	99	19.42	19.53	19.41	20.00
20	256QAM	50	0	19.73	19.74	19.53	20.00
20	256QAM	50	24	19.67	19.68	19.50	20.00
20	256QAM	50	50	19.61	19.69	19.52	20.00
20	256QAM	100	0	19.65	19.66	19.52	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.73	19.70	19.71	20.10
15	QPSK	1	37	19.58	19.61	19.50	20.10
15	QPSK	1	74	19.61	19.54	19.51	20.10
15	QPSK	36	0	19.70	19.56	19.50	20.10
15	QPSK	36	20	19.62	19.55	19.50	20.10
15	QPSK	36	39	19.55	19.54	19.50	20.10
15	QPSK	75	0	19.58	19.59	19.52	20.10
15	16QAM	1	0	19.84	19.71	19.71	20.10
15	16QAM	1	37	19.75	19.62	19.58	20.10
15	16QAM	1	74	19.66	19.65	19.61	20.10
15	16QAM	36	0	19.78	19.65	19.64	20.10
15	16QAM	36	20	19.65	19.61	19.52	20.10
15	16QAM	36	39	19.64	19.62	19.56	20.10
15	16QAM	75	0	19.73	19.65	19.57	20.10
15	64QAM	1	0	19.50	19.62	19.52	20.10
15	64QAM	1	37	19.50	19.55	19.51	20.10
15	64QAM	1	74	19.52	19.52	19.51	20.10
15	64QAM	36	0	19.75	19.63	19.63	20.10
15	64QAM	36	20	19.66	19.63	19.61	20.10
15	64QAM	36	39	19.71	19.57	19.55	20.10
15	64QAM	75	0	19.69	19.63	19.65	20.10
15	256QAM	1	0	19.58	19.59	19.43	20.00
15	256QAM	1	37	19.49	19.57	19.15	20.00
15	256QAM	1	74	19.31	19.46	19.35	20.00
15	256QAM	36	0	19.67	19.66	19.45	20.00
15	256QAM	36	20	19.57	19.56	19.49	20.00
15	256QAM	36	39	19.52	19.59	19.42	20.00
15	256QAM	75	0	19.63	19.56	19.45	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.73	19.68	19.69	20.10
10	QPSK	1	25	19.59	19.61	19.50	20.10
10	QPSK	1	49	19.60	19.53	19.57	20.10
10	QPSK	25	0	19.68	19.56	19.56	20.10
10	QPSK	25	12	19.63	19.50	19.51	20.10
10	QPSK	25	25	19.55	19.50	19.50	20.10
10	QPSK	50	0	19.71	19.51	19.52	20.10
10	16QAM	1	0	19.83	19.67	19.70	20.10
10	16QAM	1	25	19.76	19.62	19.59	20.10
10	16QAM	1	49	19.71	19.63	19.59	20.10
10	16QAM	25	0	19.72	19.66	19.52	20.10
10	16QAM	25	12	19.75	19.63	19.50	20.10
10	16QAM	25	25	19.60	19.64	19.56	20.10
10	16QAM	50	0	19.70	19.63	19.56	20.10
10	64QAM	1	0	19.50	19.53	19.57	20.10
10	64QAM	1	25	19.52	19.56	19.51	20.10
10	64QAM	1	49	19.51	19.50	19.51	20.10
10	64QAM	25	0	19.73	19.65	19.56	20.10
10	64QAM	25	12	19.76	19.67	19.62	20.10
10	64QAM	25	25	19.74	19.63	19.54	20.10
10	64QAM	50	0	19.81	19.66	19.66	20.10
10	256QAM	1	0	19.59	19.58	19.43	20.00
10	256QAM	1	25	19.51	19.48	19.17	20.00
10	256QAM	1	49	19.36	19.44	19.37	20.00
10	256QAM	25	0	19.62	19.64	19.52	20.00
10	256QAM	25	12	19.62	19.53	19.47	20.00
10	256QAM	25	25	19.49	19.54	19.46	20.00
10	256QAM	50	0	19.63	19.54	19.38	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.70	19.68	19.62	20.10
5	QPSK	1	12	19.61	19.58	19.50	20.10
5	QPSK	1	24	19.51	19.51	19.51	20.10
5	QPSK	12	0	19.67	19.55	19.51	20.10
5	QPSK	12	7	19.57	19.52	19.50	20.10
5	QPSK	12	13	19.60	19.57	19.50	20.10
5	QPSK	25	0	19.65	19.57	19.53	20.10

5	16QAM	1	0	19.83	19.65	19.72	20.10
5	16QAM	1	12	19.70	19.64	19.53	20.10
5	16QAM	1	24	19.60	19.57	19.70	20.10
5	16QAM	12	0	19.74	19.59	19.52	20.10
5	16QAM	12	7	19.67	19.50	19.52	20.10
5	16QAM	12	13	19.62	19.53	19.62	20.10
5	16QAM	25	0	19.72	19.56	19.56	20.10
5	64QAM	1	0	19.51	19.55	19.60	20.10
5	64QAM	1	12	19.54	19.50	19.51	20.10
5	64QAM	1	24	19.51	19.50	19.50	20.10
5	64QAM	12	0	19.76	19.63	19.63	20.10
5	64QAM	12	7	19.67	19.54	19.61	20.10
5	64QAM	12	13	19.61	19.60	19.59	20.10
5	64QAM	25	0	19.76	19.70	19.67	20.10
5	256QAM	1	0	19.60	19.59	19.39	20.00
5	256QAM	1	12	19.41	19.50	19.15	20.00
5	256QAM	1	24	19.34	19.42	19.39	20.00
5	256QAM	12	0	19.61	19.71	19.39	20.00
5	256QAM	12	7	19.59	19.57	19.48	20.00
5	256QAM	12	13	19.49	19.59	19.48	20.00
5	256QAM	25	0	19.63	19.56	19.41	20.00

【LTE Band 38_Ant 1_ECI 6】

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	19.84	19.71	19.72	20.10
20	QPSK	1	49	19.73	19.65	19.51	20.10
20	QPSK	1	99	19.63	19.63	19.59	20.10
20	QPSK	50	0	19.77	19.65	19.58	20.10
20	QPSK	50	24	19.69	19.57	19.53	20.10
20	QPSK	50	50	19.66	19.61	19.55	20.10
20	QPSK	100	0	19.73	19.61	19.59	20.10
20	16QAM	1	0	19.96	19.80	19.81	20.10
20	16QAM	1	49	19.80	19.74	19.60	20.10
20	16QAM	1	99	19.74	19.72	19.72	20.10
20	16QAM	50	0	19.84	19.71	19.66	20.10
20	16QAM	50	24	19.77	19.64	19.59	20.10
20	16QAM	50	50	19.72	19.66	19.63	20.10
20	16QAM	100	0	19.80	19.67	19.65	20.10
20	64QAM	1	0	19.58	19.65	19.62	20.10
20	64QAM	1	49	19.57	19.58	19.56	20.10
20	64QAM	1	99	19.56	19.54	19.53	20.10
20	64QAM	50	0	19.87	19.74	19.67	20.10
20	64QAM	50	24	19.80	19.69	19.63	20.10
20	64QAM	50	50	19.75	19.71	19.66	20.10
20	64QAM	100	0	19.84	19.72	19.70	20.10
20	256QAM	1	0	19.65	19.66	19.48	20.00
20	256QAM	1	49	19.53	19.59	19.27	20.00
20	256QAM	1	99	19.42	19.53	19.41	20.00
20	256QAM	50	0	19.73	19.74	19.53	20.00
20	256QAM	50	24	19.67	19.68	19.50	20.00
20	256QAM	50	50	19.61	19.69	19.52	20.00
20	256QAM	100	0	19.65	19.66	19.52	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.73	19.70	19.71	20.10
15	QPSK	1	37	19.58	19.61	19.50	20.10
15	QPSK	1	74	19.61	19.54	19.51	20.10
15	QPSK	36	0	19.70	19.56	19.50	20.10
15	QPSK	36	20	19.62	19.55	19.50	20.10
15	QPSK	36	39	19.55	19.54	19.50	20.10
15	QPSK	75	0	19.58	19.59	19.52	20.10
15	16QAM	1	0	19.84	19.71	19.71	20.10
15	16QAM	1	37	19.75	19.62	19.58	20.10
15	16QAM	1	74	19.66	19.65	19.61	20.10
15	16QAM	36	0	19.78	19.65	19.64	20.10
15	16QAM	36	20	19.65	19.61	19.52	20.10
15	16QAM	36	39	19.64	19.62	19.56	20.10
15	16QAM	75	0	19.73	19.65	19.57	20.10
15	64QAM	1	0	19.50	19.62	19.52	20.10
15	64QAM	1	37	19.50	19.55	19.51	20.10



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15	64QAM	1	74	19.52	19.52	19.51	20.10
15	64QAM	36	0	19.75	19.63	19.63	20.10
15	64QAM	36	20	19.66	19.63	19.61	20.10
15	64QAM	36	39	19.71	19.57	19.55	20.10
15	64QAM	75	0	19.69	19.63	19.65	20.10
15	256QAM	1	0	19.58	19.59	19.43	20.00
15	256QAM	1	37	19.49	19.57	19.15	20.00
15	256QAM	1	74	19.31	19.46	19.35	20.00
15	256QAM	36	0	19.67	19.66	19.45	20.00
15	256QAM	36	20	19.57	19.56	19.49	20.00
15	256QAM	36	39	19.52	19.59	19.42	20.00
15	256QAM	75	0	19.63	19.56	19.45	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.73	19.68	19.69	20.10
10	QPSK	1	25	19.59	19.61	19.50	20.10
10	QPSK	1	49	19.60	19.53	19.57	20.10
10	QPSK	25	0	19.68	19.56	19.56	20.10
10	QPSK	25	12	19.63	19.50	19.51	20.10
10	QPSK	25	25	19.55	19.50	19.50	20.10
10	QPSK	50	0	19.71	19.51	19.52	20.10
10	16QAM	1	0	19.83	19.67	19.70	20.10
10	16QAM	1	25	19.76	19.62	19.59	20.10
10	16QAM	1	49	19.71	19.63	19.59	20.10
10	16QAM	25	0	19.72	19.66	19.52	20.10
10	16QAM	25	12	19.75	19.63	19.50	20.10
10	16QAM	25	25	19.60	19.64	19.56	20.10
10	16QAM	50	0	19.70	19.63	19.56	20.10
10	64QAM	1	0	19.50	19.53	19.57	20.10
10	64QAM	1	25	19.52	19.56	19.51	20.10
10	64QAM	1	49	19.51	19.50	19.51	20.10
10	64QAM	25	0	19.73	19.65	19.56	20.10
10	64QAM	25	12	19.76	19.67	19.62	20.10
10	64QAM	25	25	19.74	19.63	19.54	20.10
10	64QAM	50	0	19.81	19.66	19.66	20.10
10	256QAM	1	0	19.59	19.58	19.43	20.00
10	256QAM	1	25	19.51	19.48	19.17	20.00
10	256QAM	1	49	19.36	19.44	19.37	20.00
10	256QAM	25	0	19.62	19.64	19.52	20.00
10	256QAM	25	12	19.62	19.53	19.47	20.00
10	256QAM	25	25	19.49	19.54	19.46	20.00
10	256QAM	50	0	19.63	19.54	19.38	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.70	19.68	19.62	20.10
5	QPSK	1	12	19.61	19.58	19.50	20.10
5	QPSK	1	24	19.51	19.51	19.51	20.10
5	QPSK	12	0	19.67	19.55	19.51	20.10
5	QPSK	12	7	19.57	19.52	19.50	20.10
5	QPSK	12	13	19.60	19.57	19.50	20.10
5	QPSK	25	0	19.65	19.57	19.53	20.10
5	16QAM	1	0	19.83	19.65	19.72	20.10
5	16QAM	1	12	19.70	19.64	19.53	20.10
5	16QAM	1	24	19.60	19.57	19.70	20.10
5	16QAM	12	0	19.74	19.59	19.52	20.10
5	16QAM	12	7	19.67	19.50	19.52	20.10
5	16QAM	12	13	19.62	19.53	19.62	20.10
5	16QAM	25	0	19.72	19.56	19.56	20.10
5	64QAM	1	0	19.51	19.55	19.60	20.10
5	64QAM	1	12	19.54	19.50	19.51	20.10
5	64QAM	1	24	19.51	19.50	19.50	20.10
5	64QAM	12	0	19.76	19.63	19.63	20.10
5	64QAM	12	7	19.67	19.54	19.61	20.10
5	64QAM	12	13	19.61	19.60	19.59	20.10
5	64QAM	25	0	19.76	19.70	19.67	20.10
5	256QAM	1	0	19.60	19.59	19.39	20.00
5	256QAM	1	12	19.41	19.50	19.15	20.00
5	256QAM	1	24	19.34	19.42	19.39	20.00
5	256QAM	12	0	19.61	19.71	19.39	20.00
5	256QAM	12	7	19.59	19.57	19.48	20.00
5	256QAM	12	13	19.49	19.59	19.48	20.00
5	256QAM	25	0	19.63	19.56	19.41	20.00

【LTE Band 38_HPUE_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.03	19.92	19.87	21.70
20	QPSK	1	49	19.88	19.81	19.81	21.70
20	QPSK	1	99	19.85	19.79	19.88	21.70
20	QPSK	50	0	20.07	19.95	19.91	21.70
20	QPSK	50	24	19.97	19.88	19.89	21.70
20	QPSK	50	50	19.92	19.84	19.88	21.70
20	QPSK	100	0	19.99	19.86	19.87	21.70
20	16QAM	1	0	20.31	20.19	20.15	21.70
20	16QAM	1	49	20.15	20.07	20.05	21.70
20	16QAM	1	99	20.09	20.05	20.12	21.70
20	16QAM	50	0	20.12	20.00	19.98	21.70
20	16QAM	50	24	20.03	19.94	19.95	21.70
20	16QAM	50	50	19.97	19.91	19.95	21.70
20	16QAM	100	0	20.04	19.92	19.93	21.70
20	64QAM	1	0	20.15	20.02	19.99	21.70
20	64QAM	1	49	19.98	19.87	19.89	21.70
20	64QAM	1	99	19.95	19.88	19.95	21.70
20	64QAM	50	0	20.17	20.05	20.01	21.70
20	64QAM	50	24	20.08	20.00	20.01	21.70
20	64QAM	50	50	20.01	19.94	19.99	21.70
20	64QAM	100	0	20.10	19.97	19.98	21.70
20	256QAM	1	0	20.28	20.16	20.12	21.70
20	256QAM	1	49	20.12	20.04	20.06	21.70
20	256QAM	1	99	20.10	19.99	20.12	21.70
20	256QAM	50	0	20.22	20.10	20.06	21.70
20	256QAM	50	24	20.13	20.06	20.05	21.70
20	256QAM	50	50	20.08	19.98	20.03	21.70
20	256QAM	100	0	20.11	19.99	20.01	21.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.95	19.79	19.82	21.70
15	QPSK	1	37	19.77	19.74	19.78	21.70
15	QPSK	1	74	19.76	19.73	19.78	21.70
15	QPSK	36	0	19.97	19.83	19.85	21.70
15	QPSK	36	20	19.86	19.73	19.76	21.70
15	QPSK	36	39	19.86	19.77	19.77	21.70
15	QPSK	75	0	19.87	19.80	19.85	21.70
15	16QAM	1	0	20.27	20.12	20.09	21.70
15	16QAM	1	37	20.05	19.94	19.96	21.70
15	16QAM	1	74	20.07	19.93	20.11	21.70
15	16QAM	36	0	20.09	19.96	19.94	21.70
15	16QAM	36	20	20.02	19.86	19.88	21.70
15	16QAM	36	39	19.88	19.77	19.90	21.70
15	16QAM	75	0	20.02	19.85	19.80	21.70
15	64QAM	1	0	20.12	19.98	19.92	21.70
15	64QAM	1	37	19.89	19.86	19.85	21.70
15	64QAM	1	74	19.85	19.75	19.81	21.70
15	64QAM	36	0	20.11	19.91	19.92	21.70
15	64QAM	36	20	19.96	19.95	19.89	21.70
15	64QAM	36	39	19.91	19.91	19.97	21.70
15	64QAM	75	0	20.08	19.92	19.90	21.70
15	256QAM	1	0	20.16	20.04	20.04	21.70
15	256QAM	1	37	20.09	19.97	19.92	21.70
15	256QAM	1	74	20.03	19.85	20.00	21.70
15	256QAM	36	0	20.15	20.07	19.98	21.70
15	256QAM	36	20	20.01	19.94	19.90	21.70
15	256QAM	36	39	19.99	19.95	19.94	21.70
15	256QAM	75	0	19.96	19.98	19.90	21.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.02	19.84	19.82	21.70
10	QPSK	1	25	19.84	19.70	19.72	21.70
10	QPSK	1	49	19.82	19.77	19.85	21.70
10	QPSK	25	0	19.98	19.89	19.83	21.70

10	QPSK	25	12	19.96	19.75	19.87	21.70
10	QPSK	25	25	19.84	19.73	19.77	21.70
10	QPSK	50	0	19.89	19.73	19.76	21.70
10	16QAM	1	0	20.26	20.09	20.08	21.70
10	16QAM	1	25	20.07	19.93	20.04	21.70
10	16QAM	1	49	20.08	20.03	20.07	21.70
10	16QAM	25	0	20.00	19.89	19.87	21.70
10	16QAM	25	12	19.97	19.89	19.86	21.70
10	16QAM	25	25	19.94	19.89	19.90	21.70
10	16QAM	50	0	20.02	19.78	19.91	21.70
10	64QAM	1	0	20.12	19.98	19.90	21.70
10	64QAM	1	25	19.93	19.74	19.83	21.70
10	64QAM	1	49	19.84	19.86	19.86	21.70
10	64QAM	25	0	20.16	19.96	19.98	21.70
10	64QAM	25	12	20.05	19.90	19.89	21.70
10	64QAM	25	25	19.92	19.90	19.88	21.70
10	64QAM	50	0	19.97	19.95	19.96	21.70
10	256QAM	1	0	20.19	20.06	20.03	21.70
10	256QAM	1	25	20.03	20.03	19.96	21.70
10	256QAM	1	49	20.02	19.95	20.06	21.70
10	256QAM	25	0	20.19	20.08	20.00	21.70
10	256QAM	25	12	20.05	20.01	19.95	21.70
10	256QAM	25	25	20.05	19.83	19.95	21.70
10	256QAM	50	0	19.98	19.86	19.91	21.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.92	19.79	19.75	21.70
5	QPSK	1	12	19.81	19.70	19.80	21.70
5	QPSK	1	24	19.82	19.70	19.81	21.70
5	QPSK	12	0	20.06	19.90	19.81	21.70
5	QPSK	12	7	19.96	19.82	19.86	21.70
5	QPSK	12	13	19.77	19.74	19.80	21.70
5	QPSK	25	0	19.92	19.83	19.81	21.70
5	16QAM	1	0	20.17	20.11	20.12	21.70
5	16QAM	1	12	20.06	19.98	19.97	21.70
5	16QAM	1	24	19.98	19.97	20.04	21.70
5	16QAM	12	0	19.98	19.89	19.93	21.70
5	16QAM	12	7	19.88	19.89	19.84	21.70
5	16QAM	12	13	19.83	19.78	19.87	21.70
5	16QAM	25	0	19.96	19.87	19.81	21.70
5	64QAM	1	0	20.06	20.00	19.98	21.70
5	64QAM	1	12	19.87	19.76	19.78	21.70
5	64QAM	1	24	19.88	19.84	19.84	21.70
5	64QAM	12	0	20.05	19.98	19.94	21.70
5	64QAM	12	7	20.02	19.95	19.95	21.70
5	64QAM	12	13	20.00	19.81	19.94	21.70
5	64QAM	25	0	19.98	19.91	19.84	21.70
5	256QAM	1	0	20.17	20.03	20.07	21.70
5	256QAM	1	12	20.02	19.98	20.03	21.70
5	256QAM	1	24	19.96	19.92	20.02	21.70
5	256QAM	12	0	20.19	20.04	20.05	21.70
5	256QAM	12	7	20.08	19.97	20.03	21.70
5	256QAM	12	13	20.02	19.94	19.95	21.70
5	256QAM	25	0	20.05	19.96	19.92	21.70

【LTE Band 38_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.03	19.92	19.87	21.00
20	QPSK	1	49	19.88	19.81	19.81	21.00
20	QPSK	1	99	19.85	19.79	19.88	21.00
20	QPSK	50	0	20.07	19.95	19.91	21.00
20	QPSK	50	24	19.97	19.88	19.89	21.00
20	QPSK	50	50	19.92	19.84	19.88	21.00
20	QPSK	100	0	19.99	19.86	19.87	21.00
20	16QAM	1	0	20.31	20.19	20.15	21.00
20	16QAM	1	49	20.15	20.07	20.05	21.00
20	16QAM	1	99	20.09	20.05	20.12	21.00
20	16QAM	50	0	20.12	20.00	19.98	21.00
20	16QAM	50	24	20.03	19.94	19.95	21.00
20	16QAM	50	50	19.97	19.91	19.95	21.00



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20	16QAM	100	0	20.04	19.92	19.93	21.00
20	64QAM	1	0	20.15	20.02	19.99	21.00
20	64QAM	1	49	19.98	19.87	19.89	21.00
20	64QAM	1	99	19.95	19.88	19.95	21.00
20	64QAM	50	0	20.17	20.05	20.01	21.00
20	64QAM	50	24	20.08	20.00	20.01	21.00
20	64QAM	50	50	20.01	19.94	19.99	21.00
20	64QAM	100	0	20.10	19.97	19.98	21.00
20	256QAM	1	0	20.28	20.16	20.12	21.00
20	256QAM	1	49	20.12	20.04	20.06	21.00
20	256QAM	1	99	20.10	19.99	20.12	21.00
20	256QAM	50	0	20.22	20.10	20.06	21.00
20	256QAM	50	24	20.13	20.06	20.05	21.00
20	256QAM	50	50	20.08	19.98	20.03	21.00
20	256QAM	100	0	20.11	19.99	20.01	21.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.95	19.79	19.82	21.00
15	QPSK	1	37	19.77	19.74	19.78	21.00
15	QPSK	1	74	19.76	19.73	19.78	21.00
15	QPSK	36	0	19.97	19.83	19.85	21.00
15	QPSK	36	20	19.86	19.73	19.76	21.00
15	QPSK	36	39	19.86	19.77	19.77	21.00
15	QPSK	75	0	19.87	19.80	19.85	21.00
15	16QAM	1	0	20.27	20.12	20.09	21.00
15	16QAM	1	37	20.05	19.94	19.96	21.00
15	16QAM	1	74	20.07	19.93	20.11	21.00
15	16QAM	36	0	20.09	19.96	19.94	21.00
15	16QAM	36	20	20.02	19.86	19.88	21.00
15	16QAM	36	39	19.88	19.77	19.90	21.00
15	16QAM	75	0	20.02	19.85	19.80	21.00
15	64QAM	1	0	20.12	19.98	19.92	21.00
15	64QAM	1	37	19.89	19.86	19.85	21.00
15	64QAM	1	74	19.85	19.75	19.81	21.00
15	64QAM	36	0	20.11	19.91	19.92	21.00
15	64QAM	36	20	19.96	19.95	19.89	21.00
15	64QAM	36	39	19.91	19.91	19.97	21.00
15	64QAM	75	0	20.08	19.92	19.90	21.00
15	256QAM	1	0	20.16	20.04	20.04	21.00
15	256QAM	1	37	20.09	19.97	19.92	21.00
15	256QAM	1	74	20.03	19.85	20.00	21.00
15	256QAM	36	0	20.15	20.07	19.98	21.00
15	256QAM	36	20	20.01	19.94	19.90	21.00
15	256QAM	36	39	19.99	19.95	19.94	21.00
15	256QAM	75	0	19.96	19.98	19.90	21.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.02	19.84	19.82	21.00
10	QPSK	1	25	19.84	19.70	19.72	21.00
10	QPSK	1	49	19.82	19.77	19.85	21.00
10	QPSK	25	0	19.98	19.89	19.83	21.00
10	QPSK	25	12	19.96	19.75	19.87	21.00
10	QPSK	25	25	19.84	19.73	19.77	21.00
10	QPSK	50	0	19.89	19.73	19.76	21.00
10	16QAM	1	0	20.26	20.09	20.08	21.00
10	16QAM	1	25	20.07	19.93	20.04	21.00
10	16QAM	1	49	20.08	20.03	20.07	21.00
10	16QAM	25	0	20.00	19.89	19.87	21.00
10	16QAM	25	12	19.97	19.89	19.86	21.00
10	16QAM	25	25	19.94	19.89	19.90	21.00
10	16QAM	50	0	20.02	19.78	19.91	21.00
10	64QAM	1	0	20.12	19.98	19.90	21.00
10	64QAM	1	25	19.93	19.74	19.83	21.00
10	64QAM	1	49	19.84	19.86	19.86	21.00
10	64QAM	25	0	20.16	19.96	19.98	21.00
10	64QAM	25	12	20.05	19.90	19.89	21.00
10	64QAM	25	25	19.92	19.90	19.88	21.00
10	64QAM	50	0	19.97	19.95	19.96	21.00
10	256QAM	1	0	20.19	20.06	20.03	21.00
10	256QAM	1	25	20.03	20.03	19.96	21.00
10	256QAM	1	49	20.02	19.95	20.06	21.00
10	256QAM	25	0	20.19	20.08	20.00	21.00
10	256QAM	25	12	20.05	20.01	19.95	21.00
10	256QAM	25	25	20.05	19.83	19.95	21.00
10	256QAM	50	0	19.98	19.86	19.91	21.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.92	19.79	19.75	21.00

5	QPSK	1	12	19.81	19.70	19.80	21.00
5	QPSK	1	24	19.82	19.70	19.81	21.00
5	QPSK	12	0	20.06	19.90	19.81	21.00
5	QPSK	12	7	19.96	19.82	19.86	21.00
5	QPSK	12	13	19.77	19.74	19.80	21.00
5	QPSK	25	0	19.92	19.83	19.81	21.00
5	16QAM	1	0	20.17	20.11	20.12	21.00
5	16QAM	1	12	20.06	19.98	19.97	21.00
5	16QAM	1	24	19.98	19.97	20.04	21.00
5	16QAM	12	0	19.98	19.89	19.93	21.00
5	16QAM	12	7	19.88	19.89	19.84	21.00
5	16QAM	12	13	19.83	19.78	19.87	21.00
5	16QAM	25	0	19.96	19.87	19.81	21.00
5	64QAM	1	0	20.06	20.00	19.98	21.00
5	64QAM	1	12	19.87	19.76	19.78	21.00
5	64QAM	1	24	19.88	19.84	19.84	21.00
5	64QAM	12	0	20.05	19.98	19.94	21.00
5	64QAM	12	7	20.02	19.95	19.95	21.00
5	64QAM	12	13	20.00	19.81	19.94	21.00
5	64QAM	25	0	19.98	19.91	19.84	21.00
5	256QAM	1	0	20.17	20.03	20.07	21.00
5	256QAM	1	12	20.02	19.98	20.03	21.00
5	256QAM	1	24	19.96	19.92	20.02	21.00
5	256QAM	12	0	20.19	20.04	20.05	21.00
5	256QAM	12	7	20.08	19.97	20.03	21.00
5	256QAM	12	13	20.02	19.94	19.95	21.00
5	256QAM	25	0	20.05	19.96	19.92	21.00

【LTE Band 38 HPUE_Ant 1_ECI 6】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.70	21.53	21.53	21.70
20	QPSK	1	49	21.52	21.40	21.40	21.70
20	QPSK	1	99	21.51	21.40	21.43	21.70
20	QPSK	50	0	21.54	21.44	21.42	21.70
20	QPSK	50	24	21.43	21.36	21.36	21.70
20	QPSK	50	50	21.40	21.40	21.36	21.70
20	QPSK	100	0	21.48	21.38	21.40	21.70
20	16QAM	1	0	21.54	21.66	21.55	21.70
20	16QAM	1	49	21.68	21.57	21.58	21.70
20	16QAM	1	99	21.64	21.60	21.60	21.70
20	16QAM	50	0	21.61	21.50	21.48	21.70
20	16QAM	50	24	21.51	21.43	21.43	21.70
20	16QAM	50	50	21.49	21.47	21.43	21.70
20	16QAM	100	0	21.54	21.46	21.48	21.70
20	64QAM	1	0	21.50	21.52	21.53	21.70
20	64QAM	1	49	21.53	21.44	21.41	21.70
20	64QAM	1	99	21.46	21.44	21.41	21.70
20	64QAM	50	0	21.62	21.53	21.51	21.70
20	64QAM	50	24	21.56	21.48	21.49	21.70
20	64QAM	50	50	21.52	21.50	21.46	21.70
20	64QAM	100	0	21.60	21.51	21.51	21.70
20	256QAM	1	0	21.52	21.60	21.54	21.70
20	256QAM	1	49	21.57	21.49	21.42	21.70
20	256QAM	1	99	21.50	21.49	21.45	21.70
20	256QAM	50	0	21.64	21.61	21.51	21.70
20	256QAM	50	24	21.56	21.55	21.47	21.70
20	256QAM	50	50	21.51	21.55	21.44	21.70
20	256QAM	100	0	21.55	21.52	21.46	21.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.57	21.50	21.46	21.70
15	QPSK	1	37	21.49	21.32	21.31	21.70
15	QPSK	1	74	21.43	21.38	21.33	21.70
15	QPSK	36	0	21.52	21.36	21.35	21.70
15	QPSK	36	20	21.35	21.28	21.28	21.70
15	QPSK	36	39	21.29	21.29	21.21	21.70
15	QPSK	75	0	21.42	21.31	21.34	21.70
15	16QAM	1	0	21.42	21.52	21.52	21.70
15	16QAM	1	37	21.62	21.47	21.51	21.70
15	16QAM	1	74	21.59	21.48	21.48	21.70
15	16QAM	36	0	21.54	21.39	21.39	21.70
15	16QAM	36	20	21.49	21.33	21.28	21.70
15	16QAM	36	39	21.35	21.45	21.33	21.70
15	16QAM	75	0	21.42	21.39	21.37	21.70
15	64QAM	1	0	21.46	21.45	21.45	21.70
15	64QAM	1	37	21.52	21.35	21.30	21.70
15	64QAM	1	74	21.41	21.32	21.30	21.70
15	64QAM	36	0	21.60	21.45	21.38	21.70
15	64QAM	36	20	21.45	21.45	21.44	21.70
15	64QAM	36	39	21.45	21.38	21.33	21.70
15	64QAM	75	0	21.47	21.48	21.45	21.70
15	256QAM	1	0	21.43	21.52	21.45	21.70
15	256QAM	1	37	21.52	21.47	21.38	21.70
15	256QAM	1	74	21.47	21.38	21.42	21.70
15	256QAM	36	0	21.51	21.50	21.45	21.70
15	256QAM	36	20	21.42	21.45	21.39	21.70
15	256QAM	36	39	21.45	21.52	21.36	21.70
15	256QAM	75	0	21.51	21.40	21.44	21.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.64	21.38	21.50	21.70
10	QPSK	1	25	21.50	21.37	21.37	21.70
10	QPSK	1	49	21.43	21.35	21.41	21.70
10	QPSK	25	0	21.44	21.36	21.29	21.70
10	QPSK	25	12	21.29	21.28	21.28	21.70
10	QPSK	25	25	21.37	21.34	21.23	21.70
10	QPSK	50	0	21.45	21.36	21.37	21.70
10	16QAM	1	0	21.43	21.53	21.49	21.70
10	16QAM	1	25	21.66	21.53	21.45	21.70
10	16QAM	1	49	21.54	21.53	21.45	21.70
10	16QAM	25	0	21.58	21.44	21.47	21.70

10	16QAM	25	12	21.44	21.32	21.28	21.70
10	16QAM	25	25	21.44	21.45	21.41	21.70
10	16QAM	50	0	21.44	21.41	21.42	21.70
10	64QAM	1	0	21.49	21.39	21.40	21.70
10	64QAM	1	25	21.49	21.29	21.28	21.70
10	64QAM	1	49	21.43	21.37	21.39	21.70
10	64QAM	25	0	21.53	21.40	21.39	21.70
10	64QAM	25	12	21.54	21.37	21.36	21.70
10	64QAM	25	25	21.42	21.37	21.38	21.70
10	64QAM	50	0	21.52	21.43	21.40	21.70
10	256QAM	1	0	21.42	21.52	21.49	21.70
10	256QAM	1	25	21.56	21.36	21.29	21.70
10	256QAM	1	49	21.37	21.48	21.43	21.70
10	256QAM	25	0	21.55	21.49	21.41	21.70
10	256QAM	25	12	21.48	21.50	21.43	21.70
10	256QAM	25	25	21.38	21.41	21.31	21.70
10	256QAM	50	0	21.49	21.45	21.42	21.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.65	21.42	21.46	21.70
5	QPSK	1	12	21.44	21.26	21.38	21.70
5	QPSK	1	24	21.37	21.28	21.33	21.70
5	QPSK	12	0	21.40	21.36	21.34	21.70
5	QPSK	12	7	21.29	21.33	21.23	21.70
5	QPSK	12	13	21.36	21.34	21.27	21.70
5	QPSK	25	0	21.35	21.29	21.26	21.70
5	16QAM	1	0	21.42	21.53	21.42	21.70
5	16QAM	1	12	21.57	21.51	21.53	21.70
5	16QAM	1	24	21.56	21.49	21.47	21.70
5	16QAM	12	0	21.55	21.38	21.46	21.70
5	16QAM	12	7	21.39	21.36	21.38	21.70
5	16QAM	12	13	21.46	21.35	21.41	21.70
5	16QAM	25	0	21.53	21.41	21.33	21.70
5	64QAM	1	0	21.47	21.44	21.49	21.70
5	64QAM	1	12	21.50	21.37	21.38	21.70
5	64QAM	1	24	21.34	21.37	21.38	21.70
5	64QAM	12	0	21.58	21.49	21.45	21.70
5	64QAM	12	7	21.51	21.42	21.38	21.70
5	64QAM	12	13	21.41	21.39	21.41	21.70
5	64QAM	25	0	21.51	21.43	21.48	21.70
5	256QAM	1	0	21.41	21.53	21.40	21.70
5	256QAM	1	12	21.42	21.40	21.28	21.70
5	256QAM	1	24	21.48	21.38	21.40	21.70
5	256QAM	12	0	21.53	21.49	21.37	21.70
5	256QAM	12	7	21.51	21.47	21.36	21.70
5	256QAM	12	13	21.37	21.43	21.38	21.70
5	256QAM	25	0	21.53	21.44	21.38	21.70

【LTE Band 38_HPUE_Ant 1_ECI 4】

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	23.72	23.81	23.79	24.10
20	QPSK	1	49	23.40	23.63	23.59	24.10
20	QPSK	1	99	23.43	23.55	23.50	24.10
20	QPSK	50	0	23.51	23.64	23.59	24.10
20	QPSK	50	24	23.44	23.58	23.42	24.10
20	QPSK	50	50	23.47	23.59	23.48	24.10
20	QPSK	100	0	23.35	23.48	23.42	24.10
20	16QAM	1	0	23.40	23.55	23.45	24.10
20	16QAM	1	49	23.31	23.51	23.36	24.10
20	16QAM	1	99	23.32	23.45	23.34	24.10
20	16QAM	50	0	23.33	23.49	23.37	24.10
20	16QAM	50	24	23.32	23.42	23.30	24.10
20	16QAM	50	50	23.28	23.38	23.27	24.10
20	16QAM	100	0	23.38	23.59	23.44	24.10
20	64QAM	1	0	23.26	23.46	23.36	23.90
20	64QAM	1	49	23.20	23.36	23.23	23.90
20	64QAM	1	99	23.26	23.37	23.33	23.90
20	64QAM	50	0	23.11	23.27	23.22	23.90
20	64QAM	50	24	22.94	23.16	23.12	23.90
20	64QAM	50	50	23.15	23.29	23.16	23.90



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20	64QAM	100	0	23.15	23.29	23.20	23.90
20	256QAM	1	0	21.32	21.41	21.31	21.90
20	256QAM	1	49	21.23	21.39	21.33	21.90
20	256QAM	1	99	21.13	21.33	21.28	21.90
20	256QAM	50	0	21.21	21.39	21.31	21.90
20	256QAM	50	24	21.34	21.44	21.28	21.90
20	256QAM	50	50	21.13	21.31	21.18	21.90
20	256QAM	100	0	21.19	21.34	21.25	21.90
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.71	23.67	23.67	24.10
15	QPSK	1	37	23.25	23.60	23.45	24.10
15	QPSK	1	74	23.39	23.43	23.47	24.10
15	QPSK	36	0	23.42	23.58	23.45	24.10
15	QPSK	36	20	23.36	23.51	23.40	24.10
15	QPSK	36	39	23.46	23.45	23.44	24.10
15	QPSK	75	0	23.21	23.40	23.28	24.10
15	16QAM	1	0	23.33	23.48	23.41	24.10
15	16QAM	1	37	23.22	23.42	23.24	24.10
15	16QAM	1	74	23.22	23.31	23.29	24.10
15	16QAM	36	0	23.26	23.42	23.27	24.10
15	16QAM	36	20	23.22	23.37	23.25	24.10
15	16QAM	36	39	23.26	23.28	23.16	24.10
15	16QAM	75	0	23.29	23.52	23.40	24.10
15	64QAM	1	0	23.20	23.32	23.22	23.90
15	64QAM	1	37	23.12	23.26	23.21	23.90
15	64QAM	1	74	23.21	23.28	23.32	23.90
15	64QAM	36	0	23.00	23.16	23.07	23.90
15	64QAM	36	20	22.83	23.11	22.98	23.90
15	64QAM	36	39	23.02	23.27	23.07	23.90
15	64QAM	75	0	23.06	23.23	23.14	23.90
15	256QAM	1	0	21.22	21.28	21.19	21.90
15	256QAM	1	37	21.15	21.28	21.22	21.90
15	256QAM	1	74	21.11	21.18	21.24	21.90
15	256QAM	36	0	21.16	21.35	21.23	21.90
15	256QAM	36	20	21.21	21.31	21.14	21.90
15	256QAM	36	39	21.04	21.24	21.09	21.90
15	256QAM	75	0	21.12	21.26	21.19	21.90
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.58	23.73	23.70	24.10
10	QPSK	1	25	23.26	23.58	23.53	24.10
10	QPSK	1	49	23.29	23.50	23.41	24.10
10	QPSK	25	0	23.39	23.56	23.47	24.10
10	QPSK	25	12	23.39	23.45	23.30	24.10
10	QPSK	25	25	23.41	23.57	23.43	24.10
10	QPSK	50	0	23.26	23.39	23.38	24.10
10	16QAM	1	0	23.37	23.44	23.31	24.10
10	16QAM	1	25	23.22	23.41	23.29	24.10
10	16QAM	1	49	23.28	23.35	23.20	24.10
10	16QAM	25	0	23.23	23.42	23.28	24.10
10	16QAM	25	12	23.29	23.35	23.23	24.10
10	16QAM	25	25	23.16	23.26	23.25	24.10
10	16QAM	50	0	23.23	23.56	23.32	24.10
10	64QAM	1	0	23.25	23.38	23.25	23.90
10	64QAM	1	25	23.17	23.31	23.18	23.90
10	64QAM	1	49	23.14	23.24	23.18	23.90
10	64QAM	25	0	23.02	23.21	23.08	23.90
10	64QAM	25	12	22.88	23.13	23.09	23.90
10	64QAM	25	25	23.04	23.16	23.12	23.90
10	64QAM	50	0	23.09	23.19	23.16	23.90
10	256QAM	1	0	21.28	21.30	21.16	21.90
10	256QAM	1	25	21.17	21.38	21.19	21.90
10	256QAM	1	49	20.99	21.18	21.21	21.90
10	256QAM	25	0	21.09	21.30	21.26	21.90
10	256QAM	25	12	21.26	21.30	21.21	21.90
10	256QAM	25	25	21.03	21.19	21.03	21.90
10	256QAM	50	0	21.14	21.32	21.24	21.90
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.65	23.75	23.65	24.10
5	QPSK	1	12	23.32	23.49	23.50	24.10
5	QPSK	1	24	23.33	23.48	23.48	24.10
5	QPSK	12	0	23.36	23.55	23.55	24.10
5	QPSK	12	7	23.36	23.46	23.29	24.10
5	QPSK	12	13	23.36	23.56	23.34	24.10
5	QPSK	25	0	23.25	23.46	23.28	24.10
5	16QAM	1	0	23.32	23.54	23.43	24.10

5	16QAM	1	12	23.20	23.45	23.32	24.10
5	16QAM	1	24	23.20	23.43	23.20	24.10
5	16QAM	12	0	23.32	23.42	23.26	24.10
5	16QAM	12	7	23.26	23.40	23.26	24.10
5	16QAM	12	13	23.24	23.27	23.18	24.10
5	16QAM	25	0	23.32	23.48	23.38	24.10
5	64QAM	1	0	23.14	23.34	23.27	23.90
5	64QAM	1	12	23.14	23.34	23.21	23.90
5	64QAM	1	24	23.12	23.33	23.20	23.90
5	64QAM	12	0	23.04	23.14	23.16	23.90
5	64QAM	12	7	22.86	23.07	22.99	23.90
5	64QAM	12	13	23.05	23.17	23.07	23.90
5	64QAM	25	0	23.04	23.23	23.10	23.90
5	256QAM	1	0	21.28	21.36	21.21	21.90
5	256QAM	1	12	21.18	21.34	21.31	21.90
5	256QAM	1	24	21.01	21.22	21.14	21.90
5	256QAM	12	0	21.14	21.33	21.27	21.90
5	256QAM	12	7	21.23	21.36	21.15	21.90
5	256QAM	12	13	21.11	21.16	21.04	21.90
5	256QAM	25	0	21.07	21.22	21.17	21.90

【LTE Band 38_HPUE_Ant 1_ECI 5】

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	21.70	21.53	21.53	21.70
20	QPSK	1	49	21.52	21.40	21.40	21.70
20	QPSK	1	99	21.51	21.40	21.43	21.70
20	QPSK	50	0	21.54	21.44	21.42	21.70
20	QPSK	50	24	21.43	21.36	21.36	21.70
20	QPSK	50	50	21.40	21.40	21.36	21.70
20	QPSK	100	0	21.48	21.38	21.40	21.70
20	16QAM	1	0	21.54	21.66	21.55	21.70
20	16QAM	1	49	21.68	21.57	21.58	21.70
20	16QAM	1	99	21.64	21.60	21.60	21.70
20	16QAM	50	0	21.61	21.50	21.48	21.70
20	16QAM	50	24	21.51	21.43	21.43	21.70
20	16QAM	50	50	21.49	21.47	21.43	21.70
20	16QAM	100	0	21.54	21.46	21.48	21.70
20	64QAM	1	0	21.50	21.52	21.53	21.70
20	64QAM	1	49	21.53	21.44	21.41	21.70
20	64QAM	1	99	21.46	21.44	21.41	21.70
20	64QAM	50	0	21.62	21.53	21.51	21.70
20	64QAM	50	24	21.56	21.48	21.49	21.70
20	64QAM	50	50	21.52	21.50	21.46	21.70
20	64QAM	100	0	21.60	21.51	21.51	21.70
20	256QAM	1	0	21.52	21.60	21.54	21.70
20	256QAM	1	49	21.57	21.49	21.42	21.70
20	256QAM	1	99	21.50	21.49	21.45	21.70
20	256QAM	50	0	21.64	21.61	21.51	21.70
20	256QAM	50	24	21.56	21.55	21.47	21.70
20	256QAM	50	50	21.51	21.55	21.44	21.70
20	256QAM	100	0	21.55	21.52	21.46	21.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.57	21.50	21.46	21.70
15	QPSK	1	37	21.49	21.32	21.31	21.70
15	QPSK	1	74	21.43	21.38	21.33	21.70
15	QPSK	36	0	21.52	21.36	21.35	21.70
15	QPSK	36	20	21.35	21.28	21.28	21.70
15	QPSK	36	39	21.29	21.29	21.21	21.70
15	QPSK	75	0	21.42	21.31	21.34	21.70
15	16QAM	1	0	21.42	21.52	21.52	21.70
15	16QAM	1	37	21.62	21.47	21.51	21.70
15	16QAM	1	74	21.59	21.48	21.48	21.70
15	16QAM	36	0	21.54	21.39	21.39	21.70
15	16QAM	36	20	21.49	21.33	21.28	21.70
15	16QAM	36	39	21.35	21.45	21.33	21.70
15	16QAM	75	0	21.42	21.39	21.37	21.70
15	64QAM	1	0	21.46	21.45	21.45	21.70
15	64QAM	1	37	21.52	21.35	21.30	21.70
15	64QAM	1	74	21.41	21.32	21.30	21.70



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15	64QAM	36	0	21.60	21.45	21.38	21.70
15	64QAM	36	20	21.45	21.45	21.44	21.70
15	64QAM	36	39	21.45	21.38	21.33	21.70
15	64QAM	75	0	21.47	21.48	21.45	21.70
15	256QAM	1	0	21.43	21.52	21.45	21.70
15	256QAM	1	37	21.52	21.47	21.38	21.70
15	256QAM	1	74	21.47	21.38	21.42	21.70
15	256QAM	36	0	21.51	21.50	21.45	21.70
15	256QAM	36	20	21.42	21.45	21.39	21.70
15	256QAM	36	39	21.45	21.52	21.36	21.70
15	256QAM	75	0	21.51	21.40	21.44	21.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.64	21.38	21.50	21.70
10	QPSK	1	25	21.50	21.37	21.37	21.70
10	QPSK	1	49	21.43	21.35	21.41	21.70
10	QPSK	25	0	21.44	21.36	21.29	21.70
10	QPSK	25	12	21.29	21.28	21.28	21.70
10	QPSK	25	25	21.37	21.34	21.23	21.70
10	QPSK	50	0	21.45	21.36	21.37	21.70
10	16QAM	1	0	21.43	21.53	21.49	21.70
10	16QAM	1	25	21.66	21.53	21.45	21.70
10	16QAM	1	49	21.54	21.53	21.45	21.70
10	16QAM	25	0	21.58	21.44	21.47	21.70
10	16QAM	25	12	21.44	21.32	21.28	21.70
10	16QAM	25	25	21.44	21.45	21.41	21.70
10	16QAM	50	0	21.44	21.41	21.42	21.70
10	64QAM	1	0	21.49	21.39	21.40	21.70
10	64QAM	1	25	21.49	21.29	21.28	21.70
10	64QAM	1	49	21.43	21.37	21.39	21.70
10	64QAM	25	0	21.53	21.40	21.39	21.70
10	64QAM	25	12	21.54	21.37	21.36	21.70
10	64QAM	25	25	21.42	21.37	21.38	21.70
10	64QAM	50	0	21.52	21.43	21.40	21.70
10	256QAM	1	0	21.42	21.52	21.49	21.70
10	256QAM	1	25	21.56	21.36	21.29	21.70
10	256QAM	1	49	21.37	21.48	21.43	21.70
10	256QAM	25	0	21.55	21.49	21.41	21.70
10	256QAM	25	12	21.48	21.50	21.43	21.70
10	256QAM	25	25	21.38	21.41	21.31	21.70
10	256QAM	50	0	21.49	21.45	21.42	21.70
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.65	21.42	21.46	21.70
5	QPSK	1	12	21.44	21.26	21.38	21.70
5	QPSK	1	24	21.37	21.28	21.33	21.70
5	QPSK	12	0	21.40	21.36	21.34	21.70
5	QPSK	12	7	21.29	21.33	21.23	21.70
5	QPSK	12	13	21.36	21.34	21.27	21.70
5	QPSK	25	0	21.35	21.29	21.26	21.70
5	16QAM	1	0	21.42	21.53	21.42	21.70
5	16QAM	1	12	21.57	21.51	21.53	21.70
5	16QAM	1	24	21.56	21.49	21.47	21.70
5	16QAM	12	0	21.55	21.38	21.46	21.70
5	16QAM	12	7	21.39	21.36	21.38	21.70
5	16QAM	12	13	21.46	21.35	21.41	21.70
5	16QAM	25	0	21.53	21.41	21.33	21.70
5	64QAM	1	0	21.47	21.44	21.49	21.70
5	64QAM	1	12	21.50	21.37	21.38	21.70
5	64QAM	1	24	21.34	21.37	21.38	21.70
5	64QAM	12	0	21.58	21.49	21.45	21.70
5	64QAM	12	7	21.51	21.42	21.38	21.70
5	64QAM	12	13	21.41	21.39	21.41	21.70
5	64QAM	25	0	21.51	21.43	21.48	21.70
5	256QAM	1	0	21.41	21.53	21.40	21.70
5	256QAM	1	12	21.42	21.40	21.28	21.70
5	256QAM	1	24	21.48	21.38	21.40	21.70
5	256QAM	12	0	21.53	21.49	21.37	21.70
5	256QAM	12	7	21.51	21.47	21.36	21.70
5	256QAM	12	13	21.37	21.43	21.38	21.70
5	256QAM	25	0	21.53	21.44	21.38	21.70

【LTE Band 38_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.45	24.50	24.44	25.00
20	QPSK	1	49	24.37	24.37	24.35	25.00
20	QPSK	1	99	24.43	24.38	24.38	25.00
20	QPSK	50	0	23.38	23.42	23.38	24.00
20	QPSK	50	24	23.36	23.33	23.29	24.00
20	QPSK	50	50	23.37	23.30	23.29	24.00
20	QPSK	100	0	23.40	23.36	23.33	24.00
20	16QAM	1	0	23.51	23.58	23.53	24.00
20	16QAM	1	49	23.45	23.43	23.36	24.00
20	16QAM	1	99	23.53	23.42	23.44	24.00
20	16QAM	50	0	22.42	22.46	22.41	23.00
20	16QAM	50	24	22.40	22.39	22.35	23.00
20	16QAM	50	50	22.43	22.35	22.33	23.00
20	16QAM	100	0	22.45	22.40	22.37	23.00
20	64QAM	1	0	22.18	22.25	22.20	23.00
20	64QAM	1	49	22.10	22.12	22.06	23.00
20	64QAM	1	99	22.19	22.11	22.11	23.00
20	64QAM	50	0	21.45	21.47	21.44	22.00
20	64QAM	50	24	21.46	21.42	21.39	22.00
20	64QAM	50	50	21.45	21.39	21.37	22.00
20	64QAM	100	0	21.47	21.43	21.43	22.00
20	256QAM	1	0	19.40	19.39	19.42	20.00
20	256QAM	1	49	19.30	19.32	19.30	20.00
20	256QAM	1	99	19.40	19.33	19.35	20.00
20	256QAM	50	0	19.55	19.55	19.53	20.00
20	256QAM	50	24	19.53	19.49	19.46	20.00
20	256QAM	50	50	19.52	19.46	19.46	20.00
20	256QAM	100	0	19.50	19.46	19.44	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.45	24.50	24.44	25.00
15	QPSK	1	37	24.33	24.39	24.41	25.00
15	QPSK	1	74	24.47	24.41	24.42	25.00
15	QPSK	36	0	23.31	23.34	23.29	24.00
15	QPSK	36	20	23.26	23.24	23.20	24.00
15	QPSK	36	39	23.28	23.25	23.23	24.00
15	QPSK	75	0	23.31	23.31	23.24	24.00
15	16QAM	1	0	23.49	23.56	23.50	24.00
15	16QAM	1	37	23.35	23.43	23.42	24.00
15	16QAM	1	74	23.55	23.45	23.50	24.00
15	16QAM	36	0	22.32	22.36	22.31	23.00
15	16QAM	36	20	22.29	22.30	22.23	23.00
15	16QAM	36	39	22.32	22.28	22.24	23.00
15	16QAM	75	0	22.33	22.32	22.28	23.00
15	64QAM	1	0	22.11	22.19	22.13	23.00
15	64QAM	1	37	21.97	22.06	21.98	23.00
15	64QAM	1	74	22.18	22.10	22.08	23.00
15	64QAM	36	0	21.35	21.38	21.33	22.00
15	64QAM	36	20	21.31	21.33	21.28	22.00
15	64QAM	36	39	21.34	21.32	21.29	22.00
15	64QAM	75	0	21.38	21.35	21.34	22.00
15	256QAM	1	0	19.32	19.41	19.35	20.00
15	256QAM	1	37	19.27	19.30	19.27	20.00
15	256QAM	1	74	19.28	19.33	19.31	20.00
15	256QAM	36	0	19.43	19.42	19.40	20.00
15	256QAM	36	20	19.41	19.39	19.37	20.00
15	256QAM	36	39	19.40	19.37	19.35	20.00
15	256QAM	75	0	19.40	19.41	19.38	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.38	24.40	24.39	25.00
10	QPSK	1	25	24.30	24.34	24.31	25.00
10	QPSK	1	49	24.30	24.35	24.35	25.00
10	QPSK	25	0	23.36	23.35	23.31	24.00
10	QPSK	25	12	23.28	23.31	23.25	24.00
10	QPSK	25	25	23.29	23.29	23.29	24.00

10	QPSK	50	0	23.27	23.30	23.26	24.00
10	16QAM	1	0	23.42	23.47	23.41	24.00
10	16QAM	1	25	23.40	23.39	23.36	24.00
10	16QAM	1	49	23.39	23.40	23.43	24.00
10	16QAM	25	0	22.35	22.35	22.33	23.00
10	16QAM	25	12	22.32	22.31	22.27	23.00
10	16QAM	25	25	22.29	22.32	22.32	23.00
10	16QAM	50	0	22.34	22.35	22.30	23.00
10	64QAM	1	0	22.02	22.12	22.05	23.00
10	64QAM	1	25	21.98	22.03	21.96	23.00
10	64QAM	1	49	21.99	22.05	22.02	23.00
10	64QAM	25	0	21.41	21.39	21.36	22.00
10	64QAM	25	12	21.35	21.37	21.33	22.00
10	64QAM	25	25	21.37	21.35	21.36	22.00
10	64QAM	50	0	21.38	21.36	21.33	22.00
10	256QAM	1	0	19.34	19.43	19.36	20.00
10	256QAM	1	25	19.27	19.28	19.28	20.00
10	256QAM	1	49	19.33	19.36	19.35	20.00
10	256QAM	25	0	19.46	19.45	19.43	20.00
10	256QAM	25	12	19.43	19.44	19.38	20.00
10	256QAM	25	25	19.46	19.44	19.44	20.00
10	256QAM	50	0	19.51	19.50	19.47	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.40	24.43	24.39	25.00
5	QPSK	1	12	24.35	24.38	24.37	25.00
5	QPSK	1	24	24.35	24.39	24.39	25.00
5	QPSK	12	0	23.35	23.37	23.35	24.00
5	QPSK	12	7	23.27	23.28	23.26	24.00
5	QPSK	12	13	23.30	23.33	23.34	24.00
5	QPSK	25	0	23.37	23.34	23.38	24.00
5	16QAM	1	0	23.46	23.50	23.50	24.00
5	16QAM	1	12	23.38	23.39	23.34	24.00
5	16QAM	1	24	23.47	23.47	23.55	24.00
5	16QAM	12	0	22.35	22.34	22.35	23.00
5	16QAM	12	7	22.26	22.28	22.29	23.00
5	16QAM	12	13	22.30	22.31	22.33	23.00
5	16QAM	25	0	22.37	22.36	22.37	23.00
5	64QAM	1	0	22.08	22.16	22.10	23.00
5	64QAM	1	12	22.02	22.09	22.01	23.00
5	64QAM	1	24	22.07	22.13	22.10	23.00
5	64QAM	12	0	21.44	21.44	21.43	22.00
5	64QAM	12	7	21.37	21.38	21.38	22.00
5	64QAM	12	13	21.40	21.40	21.43	22.00
5	64QAM	25	0	21.44	21.41	21.43	22.00
5	256QAM	1	0	19.32	19.39	19.32	20.00
5	256QAM	1	12	19.24	19.31	19.26	20.00
5	256QAM	1	24	19.30	19.33	19.35	20.00
5	256QAM	12	0	19.51	19.52	19.53	20.00
5	256QAM	12	7	19.46	19.48	19.48	20.00
5	256QAM	12	13	19.49	19.50	19.53	20.00
5	256QAM	25	0	19.49	19.47	19.48	20.00

【LTE Band 38_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.45	24.50	24.44	24.50
20	QPSK	1	49	24.37	24.37	24.35	24.50
20	QPSK	1	99	24.43	24.38	24.38	24.50
20	QPSK	50	0	23.38	23.42	23.38	24.00
20	QPSK	50	24	23.36	23.33	23.29	24.00
20	QPSK	50	50	23.37	23.30	23.29	24.00
20	QPSK	100	0	23.40	23.36	23.33	24.00
20	16QAM	1	0	23.51	23.58	23.53	24.00
20	16QAM	1	49	23.45	23.43	23.36	24.00
20	16QAM	1	99	23.53	23.42	23.44	24.00
20	16QAM	50	0	22.42	22.46	22.41	23.00
20	16QAM	50	24	22.40	22.39	22.35	23.00
20	16QAM	50	50	22.43	22.35	22.33	23.00
20	16QAM	100	0	22.45	22.40	22.37	23.00
20	64QAM	1	0	22.18	22.25	22.20	23.00



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20	64QAM	1	49	22.10	22.12	22.06	23.00
20	64QAM	1	99	22.19	22.11	22.11	23.00
20	64QAM	50	0	21.45	21.47	21.44	22.00
20	64QAM	50	24	21.46	21.42	21.39	22.00
20	64QAM	50	50	21.45	21.39	21.37	22.00
20	64QAM	100	0	21.47	21.43	21.43	22.00
20	256QAM	1	0	19.40	19.39	19.42	20.00
20	256QAM	1	49	19.30	19.32	19.30	20.00
20	256QAM	1	99	19.40	19.33	19.35	20.00
20	256QAM	50	0	19.55	19.55	19.53	20.00
20	256QAM	50	24	19.53	19.49	19.46	20.00
20	256QAM	50	50	19.52	19.46	19.46	20.00
20	256QAM	100	0	19.50	19.46	19.44	20.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	24.45	24.50	24.44	24.50
15	QPSK	1	37	24.33	24.39	24.41	24.50
15	QPSK	1	74	24.47	24.41	24.42	24.50
15	QPSK	36	0	23.31	23.34	23.29	24.00
15	QPSK	36	20	23.26	23.24	23.20	24.00
15	QPSK	36	39	23.28	23.25	23.23	24.00
15	QPSK	75	0	23.31	23.31	23.24	24.00
15	16QAM	1	0	23.49	23.56	23.50	24.00
15	16QAM	1	37	23.35	23.43	23.42	24.00
15	16QAM	1	74	23.55	23.45	23.50	24.00
15	16QAM	36	0	22.32	22.36	22.31	23.00
15	16QAM	36	20	22.29	22.30	22.23	23.00
15	16QAM	36	39	22.32	22.28	22.24	23.00
15	16QAM	75	0	22.33	22.32	22.28	23.00
15	64QAM	1	0	22.11	22.19	22.13	23.00
15	64QAM	1	37	21.97	22.06	21.98	23.00
15	64QAM	1	74	22.18	22.10	22.08	23.00
15	64QAM	36	0	21.35	21.38	21.33	22.00
15	64QAM	36	20	21.31	21.33	21.28	22.00
15	64QAM	36	39	21.34	21.32	21.29	22.00
15	64QAM	75	0	21.38	21.35	21.34	22.00
15	256QAM	1	0	19.32	19.41	19.35	20.00
15	256QAM	1	37	19.27	19.30	19.27	20.00
15	256QAM	1	74	19.28	19.33	19.31	20.00
15	256QAM	36	0	19.43	19.42	19.40	20.00
15	256QAM	36	20	19.41	19.39	19.37	20.00
15	256QAM	36	39	19.40	19.37	19.35	20.00
15	256QAM	75	0	19.40	19.41	19.38	20.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.38	24.40	24.39	24.50
10	QPSK	1	25	24.30	24.34	24.31	24.50
10	QPSK	1	49	24.30	24.35	24.35	24.50
10	QPSK	25	0	23.36	23.35	23.31	24.00
10	QPSK	25	12	23.28	23.31	23.25	24.00
10	QPSK	25	25	23.29	23.29	23.29	24.00
10	QPSK	50	0	23.27	23.30	23.26	24.00
10	16QAM	1	0	23.42	23.47	23.41	24.00
10	16QAM	1	25	23.40	23.39	23.36	24.00
10	16QAM	1	49	23.39	23.40	23.43	24.00
10	16QAM	25	0	22.35	22.35	22.33	23.00
10	16QAM	25	12	22.32	22.31	22.27	23.00
10	16QAM	25	25	22.29	22.32	22.32	23.00
10	16QAM	50	0	22.34	22.35	22.30	23.00
10	64QAM	1	0	22.02	22.12	22.05	23.00
10	64QAM	1	25	21.98	22.03	21.96	23.00
10	64QAM	1	49	21.99	22.05	22.02	23.00
10	64QAM	25	0	21.41	21.39	21.36	22.00
10	64QAM	25	12	21.35	21.37	21.33	22.00
10	64QAM	25	25	21.37	21.35	21.36	22.00
10	64QAM	50	0	21.38	21.36	21.33	22.00
10	256QAM	1	0	19.34	19.43	19.36	20.00
10	256QAM	1	25	19.27	19.28	19.28	20.00
10	256QAM	1	49	19.33	19.36	19.35	20.00
10	256QAM	25	0	19.46	19.45	19.43	20.00
10	256QAM	25	12	19.43	19.44	19.38	20.00
10	256QAM	25	25	19.46	19.44	19.44	20.00
10	256QAM	50	0	19.51	19.50	19.47	20.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	24.40	24.43	24.39	24.50
5	QPSK	1	12	24.35	24.38	24.37	24.50
5	QPSK	1	24	24.35	24.39	24.39	24.50

5	QPSK	12	0	23.35	23.37	23.35	24.00
5	QPSK	12	7	23.27	23.28	23.26	24.00
5	QPSK	12	13	23.30	23.33	23.34	24.00
5	QPSK	25	0	23.37	23.34	23.38	24.00
5	16QAM	1	0	23.46	23.50	23.50	24.00
5	16QAM	1	12	23.38	23.39	23.34	24.00
5	16QAM	1	24	23.47	23.47	23.55	24.00
5	16QAM	12	0	22.35	22.34	22.35	23.00
5	16QAM	12	7	22.26	22.28	22.29	23.00
5	16QAM	12	13	22.30	22.31	22.33	23.00
5	16QAM	25	0	22.37	22.36	22.37	23.00
5	64QAM	1	0	22.08	22.16	22.10	23.00
5	64QAM	1	12	22.02	22.09	22.01	23.00
5	64QAM	1	24	22.07	22.13	22.10	23.00
5	64QAM	12	0	21.44	21.44	21.43	22.00
5	64QAM	12	7	21.37	21.38	21.38	22.00
5	64QAM	12	13	21.40	21.40	21.43	22.00
5	64QAM	25	0	21.44	21.41	21.43	22.00
5	256QAM	1	0	19.32	19.39	19.32	20.00
5	256QAM	1	12	19.24	19.31	19.26	20.00
5	256QAM	1	24	19.30	19.33	19.35	20.00
5	256QAM	12	0	19.51	19.52	19.53	20.00
5	256QAM	12	7	19.46	19.48	19.48	20.00
5	256QAM	12	13	19.49	19.50	19.53	20.00
5	256QAM	25	0	19.49	19.47	19.48	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.52	19.74	19.66	20.50
20	QPSK	1	49	19.36	19.61	19.43	20.50
20	QPSK	1	99	19.40	19.67	19.50	20.50
20	QPSK	50	0	19.46	19.71	19.53	20.50
20	QPSK	50	24	19.39	19.67	19.53	20.50
20	QPSK	50	50	19.29	19.58	19.44	20.50
20	QPSK	100	0	19.37	19.67	19.57	20.50
20	16QAM	1	0	19.50	19.78	19.66	20.50
20	16QAM	1	49	19.33	19.64	19.44	20.50
20	16QAM	1	99	19.46	19.70	19.61	20.50
20	16QAM	50	0	19.44	19.72	19.54	20.50
20	16QAM	50	24	19.35	19.69	19.53	20.50
20	16QAM	50	50	19.42	19.71	19.51	20.50
20	16QAM	100	0	19.30	19.53	19.37	20.50
20	64QAM	1	0	19.27	19.51	19.42	20.50
20	64QAM	1	49	19.23	19.50	19.40	20.50
20	64QAM	1	99	19.20	19.52	19.30	20.50
20	64QAM	50	0	19.51	19.83	19.65	20.50
20	64QAM	50	24	19.37	19.65	19.47	20.50
20	64QAM	50	50	19.38	19.73	19.58	20.50
20	64QAM	100	0	19.41	19.65	19.55	20.50
20	256QAM	1	0	19.31	19.67	19.50	20.00
20	256QAM	1	49	19.29	19.66	19.45	20.00
20	256QAM	1	99	19.26	19.60	19.51	20.00
20	256QAM	50	0	19.30	19.59	19.36	20.00
20	256QAM	50	24	19.31	19.64	19.49	20.00
20	256QAM	50	50	19.31	19.55	19.38	20.00
20	256QAM	100	0	19.30	19.53	19.42	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.48	19.70	19.54	20.50
15	QPSK	1	37	19.23	19.48	19.37	20.50
15	QPSK	1	74	19.34	19.58	19.40	20.50
15	QPSK	36	0	19.38	19.60	19.48	20.50
15	QPSK	36	20	19.33	19.62	19.51	20.50
15	QPSK	36	39	19.22	19.45	19.40	20.50
15	QPSK	75	0	19.34	19.63	19.51	20.50
15	16QAM	1	0	19.38	19.69	19.51	20.50
15	16QAM	1	37	19.23	19.53	19.41	20.50
15	16QAM	1	74	19.41	19.55	19.49	20.50
15	16QAM	36	0	19.36	19.64	19.50	20.50
15	16QAM	36	20	19.27	19.60	19.41	20.50
15	16QAM	36	39	19.30	19.62	19.49	20.50
15	16QAM	75	0	19.24	19.39	19.31	20.50
15	64QAM	1	0	19.21	19.45	19.40	20.50
15	64QAM	1	37	19.20	19.36	19.33	20.50
15	64QAM	1	74	19.21	19.48	19.25	20.50
15	64QAM	36	0	19.48	19.73	19.57	20.50
15	64QAM	36	20	19.35	19.61	19.40	20.50
15	64QAM	36	39	19.33	19.59	19.46	20.50
15	64QAM	75	0	19.31	19.54	19.43	20.50
15	256QAM	1	0	19.21	19.66	19.49	20.00
15	256QAM	1	37	19.16	19.52	19.30	20.00
15	256QAM	1	74	19.18	19.57	19.38	20.00
15	256QAM	36	0	19.22	19.52	19.26	20.00
15	256QAM	36	20	19.29	19.56	19.47	20.00
15	256QAM	36	39	19.21	19.52	19.27	20.00
15	256QAM	75	0	19.22	19.39	19.33	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.43	19.61	19.51	20.50
10	QPSK	1	25	19.22	19.48	19.35	20.50
10	QPSK	1	49	19.30	19.63	19.37	20.50
10	QPSK	25	0	19.45	19.59	19.50	20.50
10	QPSK	25	12	19.36	19.62	19.49	20.50
10	QPSK	25	25	19.26	19.57	19.35	20.50
10	QPSK	50	0	19.29	19.62	19.47	20.50
10	16QAM	1	0	19.47	19.71	19.52	20.50
10	16QAM	1	25	19.21	19.58	19.36	20.50
10	16QAM	1	49	19.33	19.57	19.49	20.50

10	16QAM	25	0	19.41	19.68	19.46	20.50
10	16QAM	25	12	19.22	19.58	19.41	20.50
10	16QAM	25	25	19.37	19.67	19.43	20.50
10	16QAM	50	0	19.27	19.52	19.32	20.50
10	64QAM	1	0	19.26	19.43	19.38	20.50
10	64QAM	1	25	19.21	19.42	19.28	20.50
10	64QAM	1	49	19.21	19.48	19.20	20.50
10	64QAM	25	0	19.39	19.68	19.52	20.50
10	64QAM	25	12	19.28	19.60	19.40	20.50
10	64QAM	25	25	19.26	19.70	19.51	20.50
10	64QAM	50	0	19.30	19.62	19.42	20.50
10	256QAM	1	0	19.27	19.63	19.40	20.00
10	256QAM	1	25	19.24	19.63	19.38	20.00
10	256QAM	1	49	19.21	19.56	19.49	20.00
10	256QAM	25	0	19.26	19.48	19.25	20.00
10	256QAM	25	12	19.21	19.50	19.45	20.00
10	256QAM	25	25	19.21	19.50	19.34	20.00
10	256QAM	50	0	19.21	19.41	19.34	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.49	19.59	19.62	20.50
5	QPSK	1	12	19.35	19.51	19.35	20.50
5	QPSK	1	24	19.26	19.54	19.44	20.50
5	QPSK	12	0	19.45	19.57	19.51	20.50
5	QPSK	12	7	19.26	19.62	19.46	20.50
5	QPSK	12	13	19.20	19.45	19.35	20.50
5	QPSK	25	0	19.35	19.64	19.43	20.50
5	16QAM	1	0	19.40	19.67	19.63	20.50
5	16QAM	1	12	19.24	19.54	19.30	20.50
5	16QAM	1	24	19.32	19.62	19.52	20.50
5	16QAM	12	0	19.36	19.65	19.51	20.50
5	16QAM	12	7	19.29	19.59	19.45	20.50
5	16QAM	12	13	19.30	19.58	19.50	20.50
5	16QAM	25	0	19.29	19.49	19.27	20.50
5	64QAM	1	0	19.21	19.37	19.39	20.50
5	64QAM	1	12	19.20	19.46	19.38	20.50
5	64QAM	1	24	19.21	19.42	19.20	20.50
5	64QAM	12	0	19.47	19.74	19.50	20.50
5	64QAM	12	7	19.33	19.57	19.35	20.50
5	64QAM	12	13	19.35	19.61	19.43	20.50
5	64QAM	25	0	19.30	19.61	19.40	20.50
5	256QAM	1	0	19.29	19.55	19.38	20.00
5	256QAM	1	12	19.23	19.56	19.41	20.00
5	256QAM	1	24	19.14	19.51	19.37	20.00
5	256QAM	12	0	19.28	19.51	19.32	20.00
5	256QAM	12	7	19.20	19.54	19.46	20.00
5	256QAM	12	13	19.17	19.46	19.36	20.00
5	256QAM	25	0	19.17	19.46	19.29	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.88	18.91	18.81	19.20
20	QPSK	1	49	18.81	18.82	18.78	19.20
20	QPSK	1	99	18.80	18.76	18.84	19.20
20	QPSK	50	0	18.87	18.90	18.82	19.20
20	QPSK	50	24	18.84	18.81	18.82	19.20
20	QPSK	50	50	18.78	18.76	18.84	19.20
20	QPSK	100	0	18.82	18.79	18.82	19.20
20	16QAM	1	0	18.76	18.81	18.75	19.20
20	16QAM	1	49	18.73	18.83	18.70	19.20
20	16QAM	1	99	18.80	18.68	18.78	19.20
20	16QAM	50	0	18.78	18.70	18.67	19.20
20	16QAM	50	24	18.79	18.74	18.66	19.20
20	16QAM	50	50	18.68	18.71	18.70	19.20
20	16QAM	100	0	18.81	18.76	18.73	19.20
20	64QAM	1	0	18.67	18.61	18.65	19.20
20	64QAM	1	49	18.63	18.66	18.63	19.20
20	64QAM	1	99	18.65	18.65	18.69	19.20
20	64QAM	50	0	18.71	18.73	18.78	19.20
20	64QAM	50	24	18.75	18.72	18.70	19.20



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20	64QAM	50	50	18.70	18.75	18.75	19.20
20	64QAM	100	0	18.76	18.69	18.73	19.20
20	256QAM	1	0	18.89	18.92	18.90	19.20
20	256QAM	1	49	18.87	18.95	18.93	19.20
20	256QAM	1	99	18.90	18.83	18.90	19.20
20	256QAM	50	0	18.87	18.89	18.86	19.20
20	256QAM	50	24	18.81	18.84	18.89	19.20
20	256QAM	50	50	18.84	18.86	18.80	19.20
20	256QAM	100	0	18.86	18.82	18.83	19.20
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	18.85	18.88	18.70	19.20
15	QPSK	1	37	18.69	18.69	18.65	19.20
15	QPSK	1	74	18.72	18.67	18.75	19.20
15	QPSK	36	0	18.73	18.87	18.79	19.20
15	QPSK	36	20	18.78	18.71	18.76	19.20
15	QPSK	36	39	18.67	18.68	18.81	19.20
15	QPSK	75	0	18.69	18.76	18.77	19.20
15	16QAM	1	0	18.69	18.77	18.65	19.20
15	16QAM	1	37	18.63	18.71	18.65	19.20
15	16QAM	1	74	18.73	18.62	18.76	19.20
15	16QAM	36	0	18.65	18.62	18.60	19.20
15	16QAM	36	20	18.76	18.62	18.60	19.20
15	16QAM	36	39	18.62	18.68	18.63	19.20
15	16QAM	75	0	18.79	18.73	18.61	19.20
15	64QAM	1	0	18.61	18.60	18.60	19.20
15	64QAM	1	37	18.61	18.61	18.60	19.20
15	64QAM	1	74	18.60	18.60	18.68	19.20
15	64QAM	36	0	18.67	18.61	18.71	19.20
15	64QAM	36	20	18.65	18.69	18.69	19.20
15	64QAM	36	39	18.66	18.72	18.64	19.20
15	64QAM	75	0	18.70	18.60	18.67	19.20
15	256QAM	1	0	18.81	18.90	18.84	19.20
15	256QAM	1	37	18.78	18.89	18.91	19.20
15	256QAM	1	74	18.89	18.72	18.78	19.20
15	256QAM	36	0	18.78	18.86	18.83	19.20
15	256QAM	36	20	18.79	18.79	18.86	19.20
15	256QAM	36	39	18.71	18.84	18.69	19.20
15	256QAM	75	0	18.80	18.68	18.73	19.20
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	18.85	18.79	18.68	19.20
10	QPSK	1	25	18.79	18.74	18.68	19.20
10	QPSK	1	49	18.77	18.64	18.74	19.20
10	QPSK	25	0	18.74	18.83	18.69	19.20
10	QPSK	25	12	18.76	18.67	18.78	19.20
10	QPSK	25	25	18.68	18.63	18.75	19.20
10	QPSK	50	0	18.80	18.66	18.70	19.20
10	16QAM	1	0	18.67	18.69	18.63	19.20
10	16QAM	1	25	18.61	18.71	18.60	19.20
10	16QAM	1	49	18.73	18.62	18.74	19.20
10	16QAM	25	0	18.66	18.61	18.66	19.20
10	16QAM	25	12	18.67	18.60	18.62	19.20
10	16QAM	25	25	18.61	18.60	18.61	19.20
10	16QAM	50	0	18.78	18.67	18.69	19.20
10	64QAM	1	0	18.61	18.61	18.61	19.20
10	64QAM	1	25	18.61	18.60	18.62	19.20
10	64QAM	1	49	18.61	18.61	18.64	19.20
10	64QAM	25	0	18.61	18.66	18.67	19.20
10	64QAM	25	12	18.71	18.71	18.61	19.20
10	64QAM	25	25	18.61	18.72	18.61	19.20
10	64QAM	50	0	18.61	18.61	18.66	19.20
10	256QAM	1	0	18.87	18.89	18.78	19.20
10	256QAM	1	25	18.83	18.89	18.90	19.20
10	256QAM	1	49	18.84	18.75	18.77	19.20
10	256QAM	25	0	18.79	18.88	18.76	19.20
10	256QAM	25	12	18.72	18.79	18.82	19.20
10	256QAM	25	25	18.74	18.76	18.77	19.20
10	256QAM	50	0	18.72	18.70	18.80	19.20
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.84	18.82	18.80	19.20
5	QPSK	1	12	18.72	18.67	18.77	19.20
5	QPSK	1	24	18.76	18.74	18.72	19.20
5	QPSK	12	0	18.83	18.83	18.76	19.20
5	QPSK	12	7	18.72	18.74	18.72	19.20
5	QPSK	12	13	18.71	18.68	18.73	19.20
5	QPSK	25	0	18.78	18.71	18.69	19.20

5	16QAM	1	0	18.72	18.68	18.73	19.20
5	16QAM	1	12	18.62	18.72	18.60	19.20
5	16QAM	1	24	18.76	18.62	18.75	19.20
5	16QAM	12	0	18.74	18.60	18.60	19.20
5	16QAM	12	7	18.69	18.73	18.60	19.20
5	16QAM	12	13	18.60	18.62	18.65	19.20
5	16QAM	25	0	18.69	18.65	18.63	19.20
5	64QAM	1	0	18.60	18.60	18.62	19.20
5	64QAM	1	12	18.60	18.60	18.61	19.20
5	64QAM	1	24	18.61	18.60	18.60	19.20
5	64QAM	12	0	18.61	18.61	18.72	19.20
5	64QAM	12	7	18.63	18.62	18.60	19.20
5	64QAM	12	13	18.65	18.67	18.69	19.20
5	64QAM	25	0	18.64	18.60	18.66	19.20
5	256QAM	1	0	18.84	18.87	18.79	19.20
5	256QAM	1	12	18.82	18.87	18.87	19.20
5	256QAM	1	24	18.82	18.75	18.78	19.20
5	256QAM	12	0	18.84	18.77	18.78	19.20
5	256QAM	12	7	18.78	18.72	18.84	19.20
5	256QAM	12	13	18.71	18.72	18.70	19.20
5	256QAM	25	0	18.75	18.69	18.69	19.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.88	18.91	18.81	19.20
20	QPSK	1	49	18.81	18.82	18.78	19.20
20	QPSK	1	99	18.80	18.76	18.84	19.20
20	QPSK	50	0	18.87	18.90	18.82	19.20
20	QPSK	50	24	18.84	18.81	18.82	19.20
20	QPSK	50	50	18.78	18.76	18.84	19.20
20	QPSK	100	0	18.82	18.79	18.82	19.20
20	16QAM	1	0	18.76	18.81	18.75	19.20
20	16QAM	1	49	18.73	18.83	18.70	19.20
20	16QAM	1	99	18.80	18.68	18.78	19.20
20	16QAM	50	0	18.78	18.70	18.67	19.20
20	16QAM	50	24	18.79	18.74	18.66	19.20
20	16QAM	50	50	18.68	18.71	18.70	19.20
20	16QAM	100	0	18.81	18.76	18.73	19.20
20	64QAM	1	0	18.67	18.61	18.65	19.20
20	64QAM	1	49	18.63	18.66	18.63	19.20
20	64QAM	1	99	18.65	18.65	18.69	19.20
20	64QAM	50	0	18.71	18.73	18.78	19.20
20	64QAM	50	24	18.75	18.72	18.70	19.20
20	64QAM	50	50	18.70	18.75	18.75	19.20
20	64QAM	100	0	18.76	18.69	18.73	19.20
20	256QAM	1	0	18.89	18.92	18.90	19.20
20	256QAM	1	49	18.87	18.95	18.93	19.20
20	256QAM	1	99	18.90	18.83	18.90	19.20
20	256QAM	50	0	18.87	18.89	18.86	19.20
20	256QAM	50	24	18.81	18.84	18.89	19.20
20	256QAM	50	50	18.84	18.86	18.80	19.20
20	256QAM	100	0	18.86	18.82	18.83	19.20
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.85	18.88	18.70	19.20
15	QPSK	1	37	18.69	18.69	18.65	19.20
15	QPSK	1	74	18.72	18.67	18.75	19.20
15	QPSK	36	0	18.73	18.87	18.79	19.20
15	QPSK	36	20	18.78	18.71	18.76	19.20
15	QPSK	36	39	18.67	18.68	18.81	19.20
15	QPSK	75	0	18.69	18.76	18.77	19.20
15	16QAM	1	0	18.69	18.77	18.65	19.20
15	16QAM	1	37	18.63	18.71	18.65	19.20
15	16QAM	1	74	18.73	18.62	18.76	19.20
15	16QAM	36	0	18.65	18.62	18.60	19.20
15	16QAM	36	20	18.76	18.62	18.60	19.20
15	16QAM	36	39	18.62	18.68	18.63	19.20
15	16QAM	75	0	18.79	18.73	18.61	19.20
15	64QAM	1	0	18.61	18.60	18.60	19.20
15	64QAM	1	37	18.61	18.61	18.60	19.20



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15	64QAM	1	74	18.60	18.60	18.68	19.20
15	64QAM	36	0	18.67	18.61	18.71	19.20
15	64QAM	36	20	18.65	18.69	18.69	19.20
15	64QAM	36	39	18.66	18.72	18.64	19.20
15	64QAM	75	0	18.70	18.60	18.67	19.20
15	256QAM	1	0	18.81	18.90	18.84	19.20
15	256QAM	1	37	18.78	18.89	18.91	19.20
15	256QAM	1	74	18.89	18.72	18.78	19.20
15	256QAM	36	0	18.78	18.86	18.83	19.20
15	256QAM	36	20	18.79	18.79	18.86	19.20
15	256QAM	36	39	18.71	18.84	18.69	19.20
15	256QAM	75	0	18.80	18.68	18.73	19.20
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.85	18.79	18.68	19.20
10	QPSK	1	25	18.79	18.74	18.68	19.20
10	QPSK	1	49	18.77	18.64	18.74	19.20
10	QPSK	25	0	18.74	18.83	18.69	19.20
10	QPSK	25	12	18.76	18.67	18.78	19.20
10	QPSK	25	25	18.68	18.63	18.75	19.20
10	QPSK	50	0	18.80	18.66	18.70	19.20
10	16QAM	1	0	18.67	18.69	18.63	19.20
10	16QAM	1	25	18.61	18.71	18.60	19.20
10	16QAM	1	49	18.73	18.62	18.74	19.20
10	16QAM	25	0	18.66	18.61	18.66	19.20
10	16QAM	25	12	18.67	18.60	18.62	19.20
10	16QAM	25	25	18.61	18.60	18.61	19.20
10	16QAM	50	0	18.78	18.67	18.69	19.20
10	64QAM	1	0	18.61	18.61	18.61	19.20
10	64QAM	1	25	18.61	18.60	18.62	19.20
10	64QAM	1	49	18.61	18.61	18.64	19.20
10	64QAM	25	0	18.61	18.66	18.67	19.20
10	64QAM	25	12	18.71	18.71	18.61	19.20
10	64QAM	25	25	18.61	18.72	18.61	19.20
10	64QAM	50	0	18.61	18.61	18.66	19.20
10	256QAM	1	0	18.87	18.89	18.78	19.20
10	256QAM	1	25	18.83	18.89	18.90	19.20
10	256QAM	1	49	18.84	18.75	18.77	19.20
10	256QAM	25	0	18.79	18.88	18.76	19.20
10	256QAM	25	12	18.72	18.79	18.82	19.20
10	256QAM	25	25	18.74	18.76	18.77	19.20
10	256QAM	50	0	18.72	18.70	18.80	19.20
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.84	18.82	18.80	19.20
5	QPSK	1	12	18.72	18.67	18.77	19.20
5	QPSK	1	24	18.76	18.74	18.72	19.20
5	QPSK	12	0	18.83	18.83	18.76	19.20
5	QPSK	12	7	18.72	18.74	18.72	19.20
5	QPSK	12	13	18.71	18.68	18.73	19.20
5	QPSK	25	0	18.78	18.71	18.69	19.20
5	16QAM	1	0	18.72	18.68	18.73	19.20
5	16QAM	1	12	18.62	18.72	18.60	19.20
5	16QAM	1	24	18.76	18.62	18.75	19.20
5	16QAM	12	0	18.74	18.60	18.60	19.20
5	16QAM	12	7	18.69	18.73	18.60	19.20
5	16QAM	12	13	18.60	18.62	18.65	19.20
5	16QAM	25	0	18.69	18.65	18.63	19.20
5	64QAM	1	0	18.60	18.60	18.62	19.20
5	64QAM	1	12	18.60	18.60	18.61	19.20
5	64QAM	1	24	18.61	18.60	18.60	19.20
5	64QAM	12	0	18.61	18.61	18.72	19.20
5	64QAM	12	7	18.63	18.62	18.60	19.20
5	64QAM	12	13	18.65	18.67	18.69	19.20
5	64QAM	25	0	18.64	18.60	18.66	19.20
5	256QAM	1	0	18.84	18.87	18.79	19.20
5	256QAM	1	12	18.82	18.87	18.87	19.20
5	256QAM	1	24	18.82	18.75	18.78	19.20
5	256QAM	12	0	18.84	18.77	18.78	19.20
5	256QAM	12	7	18.78	18.72	18.84	19.20
5	256QAM	12	13	18.71	18.72	18.70	19.20
5	256QAM	25	0	18.75	18.69	18.69	19.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.06	26.10	26.09	26.90
20	QPSK	1	49	26.00	26.01	26.00	26.90
20	QPSK	1	99	26.05	25.97	26.02	26.90
20	QPSK	50	0	25.20	25.25	25.21	25.90
20	QPSK	50	24	25.17	25.17	25.13	25.90
20	QPSK	50	50	25.19	25.14	25.12	25.90
20	QPSK	100	0	25.19	25.20	25.15	25.90
20	16QAM	1	0	25.51	25.56	25.50	25.90
20	16QAM	1	49	25.43	25.43	25.42	25.90
20	16QAM	1	99	25.49	25.40	25.44	25.90
20	16QAM	50	0	24.25	24.29	24.29	24.90
20	16QAM	50	24	24.24	24.21	24.22	24.90
20	16QAM	50	50	24.26	24.21	24.17	24.90
20	16QAM	100	0	24.26	24.23	24.21	24.90
20	64QAM	1	0	24.35	24.38	24.37	24.90
20	64QAM	1	49	24.26	24.27	24.29	24.90
20	64QAM	1	99	24.32	24.26	24.33	24.90
20	64QAM	50	0	23.26	23.31	23.30	23.90
20	64QAM	50	24	23.27	23.25	23.23	23.90
20	64QAM	50	50	23.26	23.22	23.20	23.90
20	64QAM	100	0	23.29	23.28	23.27	23.90
20	256QAM	1	0	21.24	21.34	21.34	21.90
20	256QAM	1	49	21.17	21.23	21.20	21.90
20	256QAM	1	99	21.30	21.23	21.21	21.90
20	256QAM	50	0	21.35	21.38	21.36	21.90
20	256QAM	50	24	21.32	21.31	21.28	21.90
20	256QAM	50	50	21.32	21.28	21.28	21.90
20	256QAM	100	0	21.33	21.29	21.29	21.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.09	26.02	26.02	26.90
15	QPSK	1	37	25.98	26.04	26.03	26.90
15	QPSK	1	74	26.01	26.04	26.03	26.90
15	QPSK	36	0	25.13	25.16	25.14	25.90
15	QPSK	36	20	25.09	25.11	25.06	25.90
15	QPSK	36	39	25.13	25.10	25.08	25.90
15	QPSK	75	0	25.13	25.13	25.11	25.90
15	16QAM	1	0	25.55	25.56	25.55	25.90
15	16QAM	1	37	25.45	25.49	25.50	25.90
15	16QAM	1	74	25.58	25.48	25.57	25.90
15	16QAM	36	0	24.18	24.20	24.18	24.90
15	16QAM	36	20	24.13	24.13	24.11	24.90
15	16QAM	36	39	24.18	24.15	24.13	24.90
15	16QAM	75	0	24.18	24.17	24.15	24.90
15	64QAM	1	0	24.27	24.32	24.32	24.90
15	64QAM	1	37	24.14	24.22	24.20	24.90
15	64QAM	1	74	24.31	24.23	24.28	24.90
15	64QAM	36	0	23.19	23.22	23.18	23.90
15	64QAM	36	20	23.17	23.17	23.16	23.90
15	64QAM	36	39	23.19	23.17	23.15	23.90
15	64QAM	75	0	23.21	23.20	23.17	23.90
15	256QAM	1	0	21.25	21.31	21.29	21.90
15	256QAM	1	37	21.10	21.21	21.16	21.90
15	256QAM	1	74	21.29	21.25	21.20	21.90
15	256QAM	36	0	21.25	21.28	21.22	21.90
15	256QAM	36	20	21.21	21.21	21.18	21.90
15	256QAM	36	39	21.23	21.20	21.18	21.90
15	256QAM	75	0	21.23	21.24	21.20	21.90
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.01	26.04	26.09	26.90
10	QPSK	1	25	26.01	26.06	26.01	26.90
10	QPSK	1	49	26.04	26.07	26.09	26.90
10	QPSK	25	0	25.22	25.25	25.22	25.90

10	QPSK	25	12	25.15	25.20	25.16	25.90
10	QPSK	25	25	25.18	25.21	25.20	25.90
10	QPSK	50	0	25.18	25.21	25.15	25.90
10	16QAM	1	0	25.54	25.61	25.64	25.90
10	16QAM	1	25	25.46	25.47	25.49	25.90
10	16QAM	1	49	25.52	25.54	25.57	25.90
10	16QAM	25	0	24.23	24.25	24.20	24.90
10	16QAM	25	12	24.18	24.20	24.18	24.90
10	16QAM	25	25	24.17	24.18	24.21	24.90
10	16QAM	50	0	24.21	24.23	24.18	24.90
10	64QAM	1	0	24.24	24.26	24.27	24.90
10	64QAM	1	25	24.19	24.23	24.24	24.90
10	64QAM	1	49	24.19	24.21	24.24	24.90
10	64QAM	25	0	23.29	23.30	23.26	23.90
10	64QAM	25	12	23.26	23.28	23.24	23.90
10	64QAM	25	25	23.23	23.27	23.25	23.90
10	64QAM	50	0	23.24	23.25	23.19	23.90
10	256QAM	1	0	21.18	21.25	21.20	21.90
10	256QAM	1	25	21.11	21.19	21.12	21.90
10	256QAM	1	49	21.13	21.20	21.16	21.90
10	256QAM	25	0	21.28	21.27	21.23	21.90
10	256QAM	25	12	21.24	21.25	21.20	21.90
10	256QAM	25	25	21.24	21.24	21.23	21.90
10	256QAM	50	0	21.28	21.31	21.26	21.90
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.04	26.09	26.04	26.90
5	QPSK	1	12	25.97	26.03	25.99	26.90
5	QPSK	1	24	26.00	26.06	26.04	26.90
5	QPSK	12	0	25.19	25.19	25.19	25.90
5	QPSK	12	7	25.09	25.11	25.11	25.90
5	QPSK	12	13	25.15	25.17	25.17	25.90
5	QPSK	25	0	25.24	25.19	25.22	25.90
5	16QAM	1	0	25.52	25.57	25.55	25.90
5	16QAM	1	12	25.42	25.38	25.39	25.90
5	16QAM	1	24	25.50	25.54	25.53	25.90
5	16QAM	12	0	24.26	24.25	24.24	24.90
5	16QAM	12	7	24.18	24.19	24.19	24.90
5	16QAM	12	13	24.20	24.22	24.25	24.90
5	16QAM	25	0	24.24	24.23	24.23	24.90
5	64QAM	1	0	24.31	24.33	24.35	24.90
5	64QAM	1	12	24.24	24.29	24.30	24.90
5	64QAM	1	24	24.27	24.30	24.34	24.90
5	64QAM	12	0	23.29	23.33	23.30	23.90
5	64QAM	12	7	23.24	23.25	23.24	23.90
5	64QAM	12	13	23.26	23.25	23.27	23.90
5	64QAM	25	0	23.29	23.29	23.30	23.90
5	256QAM	1	0	21.16	21.26	21.21	21.90
5	256QAM	1	12	21.09	21.17	21.12	21.90
5	256QAM	1	24	21.14	21.24	21.18	21.90
5	256QAM	12	0	21.33	21.33	21.30	21.90
5	256QAM	12	7	21.26	21.27	21.29	21.90
5	256QAM	12	13	21.28	21.30	21.34	21.90
5	256QAM	25	0	21.29	21.26	21.27	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.06	26.10	26.09	26.10
20	QPSK	1	49	26.00	26.01	26.00	26.10
20	QPSK	1	99	26.05	25.97	26.02	26.10
20	QPSK	50	0	25.20	25.25	25.21	25.90
20	QPSK	50	24	25.17	25.17	25.13	25.90
20	QPSK	50	50	25.19	25.14	25.12	25.90
20	QPSK	100	0	25.19	25.20	25.15	25.90
20	16QAM	1	0	25.51	25.56	25.50	25.90
20	16QAM	1	49	25.43	25.43	25.42	25.90
20	16QAM	1	99	25.49	25.40	25.44	25.90
20	16QAM	50	0	24.25	24.29	24.29	24.90
20	16QAM	50	24	24.24	24.21	24.22	24.90
20	16QAM	50	50	24.26	24.21	24.17	24.90



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20	16QAM	100	0	24.26	24.23	24.21	24.90
20	64QAM	1	0	24.35	24.38	24.37	24.90
20	64QAM	1	49	24.26	24.27	24.29	24.90
20	64QAM	1	99	24.32	24.26	24.33	24.90
20	64QAM	50	0	23.26	23.31	23.30	23.90
20	64QAM	50	24	23.27	23.25	23.23	23.90
20	64QAM	50	50	23.26	23.22	23.20	23.90
20	64QAM	100	0	23.29	23.28	23.27	23.90
20	256QAM	1	0	21.24	21.34	21.34	21.90
20	256QAM	1	49	21.17	21.23	21.20	21.90
20	256QAM	1	99	21.30	21.23	21.21	21.90
20	256QAM	50	0	21.35	21.38	21.36	21.90
20	256QAM	50	24	21.32	21.31	21.28	21.90
20	256QAM	50	50	21.32	21.28	21.28	21.90
20	256QAM	100	0	21.33	21.29	21.29	21.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.09	26.02	26.02	26.10
15	QPSK	1	37	25.98	26.04	26.03	26.10
15	QPSK	1	74	26.01	26.04	26.03	26.10
15	QPSK	36	0	25.13	25.16	25.14	25.90
15	QPSK	36	20	25.09	25.11	25.06	25.90
15	QPSK	36	39	25.13	25.10	25.08	25.90
15	QPSK	75	0	25.13	25.13	25.11	25.90
15	16QAM	1	0	25.55	25.56	25.55	25.90
15	16QAM	1	37	25.45	25.49	25.50	25.90
15	16QAM	1	74	25.58	25.48	25.57	25.90
15	16QAM	36	0	24.18	24.20	24.18	24.90
15	16QAM	36	20	24.13	24.13	24.11	24.90
15	16QAM	36	39	24.18	24.15	24.13	24.90
15	16QAM	75	0	24.18	24.17	24.15	24.90
15	64QAM	1	0	24.27	24.32	24.32	24.90
15	64QAM	1	37	24.14	24.22	24.20	24.90
15	64QAM	1	74	24.31	24.23	24.28	24.90
15	64QAM	36	0	23.19	23.22	23.18	23.90
15	64QAM	36	20	23.17	23.17	23.16	23.90
15	64QAM	36	39	23.19	23.17	23.15	23.90
15	64QAM	75	0	23.21	23.20	23.17	23.90
15	256QAM	1	0	21.25	21.31	21.29	21.90
15	256QAM	1	37	21.10	21.21	21.16	21.90
15	256QAM	1	74	21.29	21.25	21.20	21.90
15	256QAM	36	0	21.25	21.28	21.22	21.90
15	256QAM	36	20	21.21	21.21	21.18	21.90
15	256QAM	36	39	21.23	21.20	21.18	21.90
15	256QAM	75	0	21.23	21.24	21.20	21.90
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.01	26.04	26.09	26.10
10	QPSK	1	25	26.01	26.06	26.01	26.10
10	QPSK	1	49	26.04	26.07	26.09	26.10
10	QPSK	25	0	25.22	25.25	25.22	25.90
10	QPSK	25	12	25.15	25.20	25.16	25.90
10	QPSK	25	25	25.18	25.21	25.20	25.90
10	QPSK	50	0	25.18	25.21	25.15	25.90
10	16QAM	1	0	25.54	25.61	25.64	25.90
10	16QAM	1	25	25.46	25.47	25.49	25.90
10	16QAM	1	49	25.52	25.54	25.57	25.90
10	16QAM	25	0	24.23	24.25	24.20	24.90
10	16QAM	25	12	24.18	24.20	24.18	24.90
10	16QAM	25	25	24.17	24.18	24.21	24.90
10	16QAM	50	0	24.21	24.23	24.18	24.90
10	64QAM	1	0	24.24	24.26	24.27	24.90
10	64QAM	1	25	24.19	24.23	24.24	24.90
10	64QAM	1	49	24.19	24.21	24.24	24.90
10	64QAM	25	0	23.29	23.30	23.26	23.90
10	64QAM	25	12	23.26	23.28	23.24	23.90
10	64QAM	25	25	23.23	23.27	23.25	23.90
10	64QAM	50	0	23.24	23.25	23.19	23.90
10	256QAM	1	0	21.18	21.25	21.20	21.90
10	256QAM	1	25	21.11	21.19	21.12	21.90
10	256QAM	1	49	21.13	21.20	21.16	21.90
10	256QAM	25	0	21.28	21.27	21.23	21.90
10	256QAM	25	12	21.24	21.25	21.20	21.90
10	256QAM	25	25	21.24	21.24	21.23	21.90
10	256QAM	50	0	21.28	21.31	21.26	21.90
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.04	26.09	26.04	26.10

5	QPSK	1	12	25.97	26.03	25.99	26.10
5	QPSK	1	24	26.00	26.06	26.04	26.10
5	QPSK	12	0	25.19	25.19	25.19	25.90
5	QPSK	12	7	25.09	25.11	25.11	25.90
5	QPSK	12	13	25.15	25.17	25.17	25.90
5	QPSK	25	0	25.24	25.19	25.22	25.90
5	16QAM	1	0	25.52	25.57	25.55	25.90
5	16QAM	1	12	25.42	25.38	25.39	25.90
5	16QAM	1	24	25.50	25.54	25.53	25.90
5	16QAM	12	0	24.26	24.25	24.24	24.90
5	16QAM	12	7	24.18	24.19	24.19	24.90
5	16QAM	12	13	24.20	24.22	24.25	24.90
5	16QAM	25	0	24.24	24.23	24.23	24.90
5	64QAM	1	0	24.31	24.33	24.35	24.90
5	64QAM	1	12	24.24	24.29	24.30	24.90
5	64QAM	1	24	24.27	24.30	24.34	24.90
5	64QAM	12	0	23.29	23.33	23.30	23.90
5	64QAM	12	7	23.24	23.25	23.24	23.90
5	64QAM	12	13	23.26	23.25	23.27	23.90
5	64QAM	25	0	23.29	23.29	23.30	23.90
5	256QAM	1	0	21.16	21.26	21.21	21.90
5	256QAM	1	12	21.09	21.17	21.12	21.90
5	256QAM	1	24	21.14	21.24	21.18	21.90
5	256QAM	12	0	21.33	21.33	21.30	21.90
5	256QAM	12	7	21.26	21.27	21.29	21.90
5	256QAM	12	13	21.28	21.30	21.34	21.90
5	256QAM	25	0	21.29	21.26	21.27	21.90

【LTE Band 38_HPUE_Ant 2_ECI 6】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.62	20.60	20.55	20.80
20	QPSK	1	49	20.53	20.54	20.62	20.80
20	QPSK	1	99	20.51	20.50	20.58	20.80
20	QPSK	50	0	20.60	20.52	20.51	20.80
20	QPSK	50	24	20.50	20.46	20.48	20.80
20	QPSK	50	50	20.47	20.45	20.52	20.80
20	QPSK	100	0	20.52	20.47	20.52	20.80
20	16QAM	1	0	20.75	20.77	20.75	20.80
20	16QAM	1	49	20.73	20.71	20.71	20.80
20	16QAM	1	99	20.74	20.76	20.75	20.80
20	16QAM	50	0	20.66	20.62	20.55	20.80
20	16QAM	50	24	20.60	20.56	20.56	20.80
20	16QAM	50	50	20.54	20.52	20.59	20.80
20	16QAM	100	0	20.57	20.52	20.59	20.80
20	64QAM	1	0	20.66	20.57	20.55	20.80
20	64QAM	1	49	20.58	20.58	20.62	20.80
20	64QAM	1	99	20.52	20.54	20.66	20.80
20	64QAM	50	0	20.69	20.63	20.59	20.80
20	64QAM	50	24	20.62	20.59	20.60	20.80
20	64QAM	50	50	20.57	20.53	20.61	20.80
20	64QAM	100	0	20.62	20.58	20.63	20.80
20	256QAM	1	0	20.62	20.59	20.59	20.80
20	256QAM	1	49	20.54	20.59	20.57	20.80
20	256QAM	1	99	20.56	20.51	20.55	20.80
20	256QAM	50	0	20.76	20.67	20.65	20.80
20	256QAM	50	24	20.69	20.65	20.67	20.80
20	256QAM	50	50	20.62	20.58	20.67	20.80
20	256QAM	100	0	20.64	20.61	20.63	20.80
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.48	20.50	20.45	20.80
15	QPSK	1	37	20.42	20.41	20.48	20.80
15	QPSK	1	74	20.42	20.35	20.53	20.80
15	QPSK	36	0	20.59	20.37	20.42	20.80
15	QPSK	36	20	20.35	20.38	20.37	20.80
15	QPSK	36	39	20.35	20.37	20.46	20.80
15	QPSK	75	0	20.45	20.37	20.48	20.80
15	16QAM	1	0	20.69	20.64	20.61	20.80
15	16QAM	1	37	20.71	20.62	20.66	20.80
15	16QAM	1	74	20.67	20.66	20.64	20.80
15	16QAM	36	0	20.61	20.53	20.43	20.80
15	16QAM	36	20	20.51	20.43	20.45	20.80
15	16QAM	36	39	20.49	20.44	20.49	20.80
15	16QAM	75	0	20.45	20.49	20.46	20.80
15	64QAM	1	0	20.55	20.45	20.44	20.80
15	64QAM	1	37	20.53	20.49	20.49	20.80
15	64QAM	1	74	20.44	20.49	20.60	20.80
15	64QAM	36	0	20.57	20.48	20.50	20.80
15	64QAM	36	20	20.55	20.49	20.48	20.80
15	64QAM	36	39	20.55	20.42	20.48	20.80
15	64QAM	75	0	20.56	20.54	20.51	20.80
15	256QAM	1	0	20.53	20.53	20.48	20.80
15	256QAM	1	37	20.42	20.45	20.55	20.80
15	256QAM	1	74	20.48	20.43	20.54	20.80
15	256QAM	36	0	20.72	20.65	20.58	20.80
15	256QAM	36	20	20.61	20.62	20.61	20.80
15	256QAM	36	39	20.55	20.53	20.52	20.80
15	256QAM	75	0	20.52	20.51	20.56	20.80
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.61	20.54	20.49	20.80
10	QPSK	1	25	20.50	20.43	20.52	20.80
10	QPSK	1	49	20.40	20.39	20.54	20.80
10	QPSK	25	0	20.55	20.48	20.40	20.80
10	QPSK	25	12	20.46	20.37	20.41	20.80
10	QPSK	25	25	20.33	20.41	20.45	20.80
10	QPSK	50	0	20.41	20.35	20.49	20.80
10	16QAM	1	0	20.73	20.73	20.70	20.80
10	16QAM	1	25	20.58	20.62	20.67	20.80
10	16QAM	1	49	20.62	20.70	20.69	20.80

10	16QAM	25	0	20.52	20.49	20.51	20.80
10	16QAM	25	12	20.58	20.42	20.45	20.80
10	16QAM	25	25	20.51	20.43	20.51	20.80
10	16QAM	50	0	20.53	20.41	20.49	20.80
10	64QAM	1	0	20.53	20.49	20.42	20.80
10	64QAM	1	25	20.55	20.43	20.49	20.80
10	64QAM	1	49	20.46	20.40	20.56	20.80
10	64QAM	25	0	20.64	20.57	20.49	20.80
10	64QAM	25	12	20.59	20.56	20.49	20.80
10	64QAM	25	25	20.44	20.45	20.59	20.80
10	64QAM	50	0	20.51	20.50	20.58	20.80
10	256QAM	1	0	20.53	20.48	20.56	20.80
10	256QAM	1	25	20.41	20.53	20.48	20.80
10	256QAM	1	49	20.51	20.40	20.43	20.80
10	256QAM	25	0	20.69	20.60	20.56	20.80
10	256QAM	25	12	20.68	20.56	20.57	20.80
10	256QAM	25	25	20.54	20.44	20.64	20.80
10	256QAM	50	0	20.56	20.54	20.49	20.80
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.53	20.49	20.50	20.80
5	QPSK	1	12	20.40	20.47	20.57	20.80
5	QPSK	1	24	20.45	20.46	20.47	20.80
5	QPSK	12	0	20.52	20.41	20.40	20.80
5	QPSK	12	7	20.39	20.39	20.36	20.80
5	QPSK	12	13	20.37	20.37	20.42	20.80
5	QPSK	25	0	20.47	20.45	20.38	20.80
5	16QAM	1	0	20.60	20.69	20.72	20.80
5	16QAM	1	12	20.67	20.70	20.65	20.80
5	16QAM	1	24	20.60	20.66	20.67	20.80
5	16QAM	12	0	20.57	20.56	20.44	20.80
5	16QAM	12	7	20.46	20.48	20.51	20.80
5	16QAM	12	13	20.47	20.46	20.52	20.80
5	16QAM	25	0	20.55	20.37	20.54	20.80
5	64QAM	1	0	20.56	20.50	20.45	20.80
5	64QAM	1	12	20.47	20.50	20.50	20.80
5	64QAM	1	24	20.49	20.46	20.52	20.80
5	64QAM	12	0	20.66	20.54	20.49	20.80
5	64QAM	12	7	20.57	20.53	20.56	20.80
5	64QAM	12	13	20.43	20.39	20.54	20.80
5	64QAM	25	0	20.52	20.54	20.57	20.80
5	256QAM	1	0	20.54	20.54	20.52	20.80
5	256QAM	1	12	20.42	20.45	20.45	20.80
5	256QAM	1	24	20.53	20.48	20.47	20.80
5	256QAM	12	0	20.73	20.61	20.62	20.80
5	256QAM	12	7	20.57	20.63	20.63	20.80
5	256QAM	12	13	20.55	20.48	20.63	20.80
5	256QAM	25	0	20.59	20.46	20.60	20.80

【LTE Band 38_HPUE_Ant 2_ECI 4】

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	21.17	21.32	21.29	22.10
20	QPSK	1	49	21.05	21.27	21.14	22.10
20	QPSK	1	99	21.01	21.21	21.09	22.10
20	QPSK	50	0	21.09	21.28	21.20	22.10
20	QPSK	50	24	20.94	21.13	21.07	22.10
20	QPSK	50	50	20.90	21.19	21.12	22.10
20	QPSK	100	0	20.96	21.18	21.06	22.10
20	16QAM	1	0	21.17	21.39	21.28	22.10
20	16QAM	1	49	21.06	21.26	21.16	22.10
20	16QAM	1	99	21.09	21.30	21.15	22.10
20	16QAM	50	0	21.04	21.32	21.22	22.10
20	16QAM	50	24	21.05	21.29	21.15	22.10
20	16QAM	50	50	21.05	21.23	21.10	22.10
20	16QAM	100	0	20.95	21.18	21.10	22.10
20	64QAM	1	0	21.07	21.32	21.23	22.10
20	64QAM	1	49	21.14	21.31	21.24	22.10
20	64QAM	1	99	21.01	21.22	21.06	22.10
20	64QAM	50	0	20.99	21.27	21.16	22.10
20	64QAM	50	24	20.94	21.19	21.14	22.10



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20	64QAM	50	50	20.99	21.17	21.05	22.10
20	64QAM	100	0	21.07	21.30	21.23	22.10
20	256QAM	1	0	21.17	21.39	21.28	21.90
20	256QAM	1	49	20.97	21.20	21.12	21.90
20	256QAM	1	99	20.96	21.25	21.15	21.90
20	256QAM	50	0	21.16	21.39	21.29	21.90
20	256QAM	50	24	21.10	21.33	21.18	21.90
20	256QAM	50	50	21.14	21.36	21.29	21.90
20	256QAM	100	0	21.11	21.31	21.26	21.90
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	21.13	21.26	21.28	22.10
15	QPSK	1	37	20.93	21.18	21.06	22.10
15	QPSK	1	74	20.90	21.20	21.01	22.10
15	QPSK	36	0	20.99	21.19	21.16	22.10
15	QPSK	36	20	20.88	21.00	20.95	22.10
15	QPSK	36	39	20.89	21.16	20.98	22.10
15	QPSK	75	0	20.84	21.05	20.92	22.10
15	16QAM	1	0	21.06	21.32	21.17	22.10
15	16QAM	1	37	21.01	21.17	21.09	22.10
15	16QAM	1	74	21.00	21.17	21.01	22.10
15	16QAM	36	0	20.93	21.30	21.18	22.10
15	16QAM	36	20	20.98	21.16	21.08	22.10
15	16QAM	36	39	21.04	21.10	20.96	22.10
15	16QAM	75	0	20.91	21.13	21.08	22.10
15	64QAM	1	0	21.05	21.22	21.11	22.10
15	64QAM	1	37	21.06	21.28	21.22	22.10
15	64QAM	1	74	20.95	21.13	21.02	22.10
15	64QAM	36	0	20.88	21.24	21.12	22.10
15	64QAM	36	20	20.92	21.11	21.03	22.10
15	64QAM	36	39	20.89	21.11	21.01	22.10
15	64QAM	75	0	20.95	21.24	21.10	22.10
15	256QAM	1	0	21.13	21.27	21.24	21.90
15	256QAM	1	37	20.89	21.06	21.04	21.90
15	256QAM	1	74	20.93	21.12	21.06	21.90
15	256QAM	36	0	21.04	21.31	21.25	21.90
15	256QAM	36	20	20.95	21.28	21.04	21.90
15	256QAM	36	39	21.05	21.30	21.22	21.90
15	256QAM	75	0	20.96	21.27	21.16	21.90
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.05	21.19	21.19	22.10
10	QPSK	1	25	21.02	21.24	21.00	22.10
10	QPSK	1	49	20.95	21.14	20.96	22.10
10	QPSK	25	0	20.98	21.23	21.10	22.10
10	QPSK	25	12	20.92	21.09	20.97	22.10
10	QPSK	25	25	20.86	21.14	21.07	22.10
10	QPSK	50	0	20.93	21.04	20.93	22.10
10	16QAM	1	0	21.12	21.30	21.23	22.10
10	16QAM	1	25	20.92	21.22	21.02	22.10
10	16QAM	1	49	21.06	21.21	21.05	22.10
10	16QAM	25	0	20.95	21.19	21.14	22.10
10	16QAM	25	12	20.99	21.23	21.11	22.10
10	16QAM	25	25	20.91	21.14	20.97	22.10
10	16QAM	50	0	20.81	21.16	21.02	22.10
10	64QAM	1	0	21.04	21.30	21.18	22.10
10	64QAM	1	25	21.07	21.20	21.17	22.10
10	64QAM	1	49	20.97	21.17	20.94	22.10
10	64QAM	25	0	20.85	21.20	21.11	22.10
10	64QAM	25	12	20.89	21.07	21.01	22.10
10	64QAM	25	25	20.95	21.15	20.98	22.10
10	64QAM	50	0	20.94	21.28	21.16	22.10
10	256QAM	1	0	21.03	21.32	21.17	21.90
10	256QAM	1	25	20.90	21.06	21.08	21.90
10	256QAM	1	49	20.85	21.15	21.05	21.90
10	256QAM	25	0	21.14	21.29	21.14	21.90
10	256QAM	25	12	21.09	21.30	21.08	21.90
10	256QAM	25	25	21.10	21.25	21.24	21.90
10	256QAM	50	0	21.05	21.17	21.22	21.90
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.03	21.26	21.22	22.10
5	QPSK	1	12	20.96	21.13	21.04	22.10
5	QPSK	1	24	20.99	21.13	21.01	22.10
5	QPSK	12	0	21.07	21.23	21.10	22.10
5	QPSK	12	7	20.83	21.00	20.97	22.10
5	QPSK	12	13	20.83	21.06	21.00	22.10
5	QPSK	25	0	20.93	21.04	21.02	22.10

5	16QAM	1	0	21.15	21.31	21.23	22.10
5	16QAM	1	12	20.99	21.19	21.11	22.10
5	16QAM	1	24	21.04	21.23	21.01	22.10
5	16QAM	12	0	20.99	21.19	21.20	22.10
5	16QAM	12	7	20.94	21.20	21.01	22.10
5	16QAM	12	13	20.95	21.20	21.06	22.10
5	16QAM	25	0	20.88	21.07	21.05	22.10
5	64QAM	1	0	20.96	21.27	21.08	22.10
5	64QAM	1	12	21.12	21.16	21.09	22.10
5	64QAM	1	24	20.93	21.19	20.92	22.10
5	64QAM	12	0	20.97	21.24	21.09	22.10
5	64QAM	12	7	20.88	21.15	21.02	22.10
5	64QAM	12	13	20.90	21.07	20.96	22.10
5	64QAM	25	0	21.03	21.16	21.20	22.10
5	256QAM	1	0	21.04	21.24	21.24	21.90
5	256QAM	1	12	20.82	21.07	21.02	21.90
5	256QAM	1	24	20.90	21.14	21.09	21.90
5	256QAM	12	0	21.14	21.30	21.20	21.90
5	256QAM	12	7	21.03	21.23	21.05	21.90
5	256QAM	12	13	21.08	21.29	21.19	21.90
5	256QAM	25	0	21.02	21.24	21.24	21.90

【LTE Band 38_HPUE_Ant 2_ECI 5】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.62	20.60	20.55	20.80
20	QPSK	1	49	20.53	20.54	20.62	20.80
20	QPSK	1	99	20.51	20.50	20.58	20.80
20	QPSK	50	0	20.60	20.52	20.51	20.80
20	QPSK	50	24	20.50	20.46	20.48	20.80
20	QPSK	50	50	20.47	20.45	20.52	20.80
20	QPSK	100	0	20.52	20.47	20.52	20.80
20	16QAM	1	0	20.75	20.77	20.75	20.80
20	16QAM	1	49	20.73	20.71	20.71	20.80
20	16QAM	1	99	20.74	20.76	20.75	20.80
20	16QAM	50	0	20.66	20.62	20.55	20.80
20	16QAM	50	24	20.60	20.56	20.56	20.80
20	16QAM	50	50	20.54	20.52	20.59	20.80
20	16QAM	100	0	20.57	20.52	20.59	20.80
20	64QAM	1	0	20.66	20.57	20.55	20.80
20	64QAM	1	49	20.58	20.58	20.62	20.80
20	64QAM	1	99	20.52	20.54	20.66	20.80
20	64QAM	50	0	20.69	20.63	20.59	20.80
20	64QAM	50	24	20.62	20.59	20.60	20.80
20	64QAM	50	50	20.57	20.53	20.61	20.80
20	64QAM	100	0	20.62	20.58	20.63	20.80
20	256QAM	1	0	20.62	20.59	20.59	20.80
20	256QAM	1	49	20.54	20.59	20.57	20.80
20	256QAM	1	99	20.56	20.51	20.55	20.80
20	256QAM	50	0	20.76	20.67	20.65	20.80
20	256QAM	50	24	20.69	20.65	20.67	20.80
20	256QAM	50	50	20.62	20.58	20.67	20.80
20	256QAM	100	0	20.64	20.61	20.63	20.80
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.48	20.50	20.45	20.80
15	QPSK	1	37	20.42	20.41	20.48	20.80
15	QPSK	1	74	20.42	20.35	20.53	20.80
15	QPSK	36	0	20.59	20.37	20.42	20.80
15	QPSK	36	20	20.35	20.38	20.37	20.80
15	QPSK	36	39	20.35	20.37	20.46	20.80
15	QPSK	75	0	20.45	20.37	20.48	20.80
15	16QAM	1	0	20.69	20.64	20.61	20.80
15	16QAM	1	37	20.71	20.62	20.66	20.80
15	16QAM	1	74	20.67	20.66	20.64	20.80
15	16QAM	36	0	20.61	20.53	20.43	20.80
15	16QAM	36	20	20.51	20.43	20.45	20.80
15	16QAM	36	39	20.49	20.44	20.49	20.80
15	16QAM	75	0	20.45	20.49	20.46	20.80
15	64QAM	1	0	20.55	20.45	20.44	20.80
15	64QAM	1	37	20.53	20.49	20.49	20.80



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15	64QAM	1	74	20.44	20.49	20.60	20.80
15	64QAM	36	0	20.57	20.48	20.50	20.80
15	64QAM	36	20	20.55	20.49	20.48	20.80
15	64QAM	36	39	20.55	20.42	20.48	20.80
15	64QAM	75	0	20.56	20.54	20.51	20.80
15	256QAM	1	0	20.53	20.53	20.48	20.80
15	256QAM	1	37	20.42	20.45	20.55	20.80
15	256QAM	1	74	20.48	20.43	20.54	20.80
15	256QAM	36	0	20.72	20.65	20.58	20.80
15	256QAM	36	20	20.61	20.62	20.61	20.80
15	256QAM	36	39	20.55	20.53	20.52	20.80
15	256QAM	75	0	20.52	20.51	20.56	20.80
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.61	20.54	20.49	20.80
10	QPSK	1	25	20.50	20.43	20.52	20.80
10	QPSK	1	49	20.40	20.39	20.54	20.80
10	QPSK	25	0	20.55	20.48	20.40	20.80
10	QPSK	25	12	20.46	20.37	20.41	20.80
10	QPSK	25	25	20.33	20.41	20.45	20.80
10	QPSK	50	0	20.41	20.35	20.49	20.80
10	16QAM	1	0	20.73	20.73	20.70	20.80
10	16QAM	1	25	20.58	20.62	20.67	20.80
10	16QAM	1	49	20.62	20.70	20.69	20.80
10	16QAM	25	0	20.52	20.49	20.51	20.80
10	16QAM	25	12	20.58	20.42	20.45	20.80
10	16QAM	25	25	20.51	20.43	20.51	20.80
10	16QAM	50	0	20.53	20.41	20.49	20.80
10	64QAM	1	0	20.53	20.49	20.42	20.80
10	64QAM	1	25	20.55	20.43	20.49	20.80
10	64QAM	1	49	20.46	20.40	20.56	20.80
10	64QAM	25	0	20.64	20.57	20.49	20.80
10	64QAM	25	12	20.59	20.56	20.49	20.80
10	64QAM	25	25	20.44	20.45	20.59	20.80
10	64QAM	50	0	20.51	20.50	20.58	20.80
10	256QAM	1	0	20.53	20.48	20.56	20.80
10	256QAM	1	25	20.41	20.53	20.48	20.80
10	256QAM	1	49	20.51	20.40	20.43	20.80
10	256QAM	25	0	20.69	20.60	20.56	20.80
10	256QAM	25	12	20.68	20.56	20.57	20.80
10	256QAM	25	25	20.54	20.44	20.64	20.80
10	256QAM	50	0	20.56	20.54	20.49	20.80
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	20.53	20.49	20.50	20.80
5	QPSK	1	12	20.40	20.47	20.57	20.80
5	QPSK	1	24	20.45	20.46	20.47	20.80
5	QPSK	12	0	20.52	20.41	20.40	20.80
5	QPSK	12	7	20.39	20.39	20.36	20.80
5	QPSK	12	13	20.37	20.37	20.42	20.80
5	QPSK	25	0	20.47	20.45	20.38	20.80
5	16QAM	1	0	20.60	20.69	20.72	20.80
5	16QAM	1	12	20.67	20.70	20.65	20.80
5	16QAM	1	24	20.60	20.66	20.67	20.80
5	16QAM	12	0	20.57	20.56	20.44	20.80
5	16QAM	12	7	20.46	20.48	20.51	20.80
5	16QAM	12	13	20.47	20.46	20.52	20.80
5	16QAM	25	0	20.55	20.37	20.54	20.80
5	64QAM	1	0	20.56	20.50	20.45	20.80
5	64QAM	1	12	20.47	20.50	20.50	20.80
5	64QAM	1	24	20.49	20.46	20.52	20.80
5	64QAM	12	0	20.66	20.54	20.49	20.80
5	64QAM	12	7	20.57	20.53	20.56	20.80
5	64QAM	12	13	20.43	20.39	20.54	20.80
5	64QAM	25	0	20.52	20.54	20.57	20.80
5	256QAM	1	0	20.54	20.54	20.52	20.80
5	256QAM	1	12	20.42	20.45	20.45	20.80
5	256QAM	1	24	20.53	20.48	20.47	20.80
5	256QAM	12	0	20.73	20.61	20.62	20.80
5	256QAM	12	7	20.57	20.63	20.63	20.80
5	256QAM	12	13	20.55	20.48	20.63	20.80
5	256QAM	25	0	20.59	20.46	20.60	20.80

【LTE Band 38_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	16.87	16.69	16.86	18.50
20	QPSK	1	49	16.81	16.62	16.62	18.50
20	QPSK	1	99	16.75	16.58	16.64	18.50
20	QPSK	50	0	16.80	16.63	16.72	18.50
20	QPSK	50	24	16.75	16.54	16.64	18.50
20	QPSK	50	50	16.73	16.56	16.63	18.50
20	QPSK	100	0	16.76	16.56	16.69	18.50
20	16QAM	1	0	17.00	16.77	16.96	18.50
20	16QAM	1	49	16.90	16.74	16.69	18.50
20	16QAM	1	99	16.86	16.71	16.78	18.50
20	16QAM	50	0	16.85	16.67	16.79	18.50
20	16QAM	50	24	16.80	16.60	16.71	18.50
20	16QAM	50	50	16.79	16.63	16.69	18.50
20	16QAM	100	0	16.85	16.62	16.76	18.50
20	64QAM	1	0	16.56	16.55	16.53	18.50
20	64QAM	1	49	16.69	16.52	16.52	18.50
20	64QAM	1	99	16.62	16.55	16.61	18.50
20	64QAM	50	0	16.87	16.69	16.82	18.50
20	64QAM	50	24	16.84	16.65	16.76	18.50
20	64QAM	50	50	16.81	16.65	16.74	18.50
20	64QAM	100	0	16.88	16.67	16.81	18.50
20	256QAM	1	0	16.74	16.58	16.76	18.50
20	256QAM	1	49	16.67	16.56	16.56	18.50
20	256QAM	1	99	16.64	16.56	16.63	18.50
20	256QAM	50	0	16.93	16.75	16.87	18.50
20	256QAM	50	24	16.91	16.70	16.81	18.50
20	256QAM	50	50	16.88	16.71	16.78	18.50
20	256QAM	100	0	16.89	16.69	16.81	18.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.85	16.58	16.72	18.50
15	QPSK	1	37	16.69	16.51	16.54	18.50
15	QPSK	1	74	16.66	16.50	16.54	18.50
15	QPSK	36	0	16.67	16.54	16.69	18.50
15	QPSK	36	20	16.72	16.50	16.50	18.50
15	QPSK	36	39	16.71	16.51	16.56	18.50
15	QPSK	75	0	16.62	16.51	16.66	18.50
15	16QAM	1	0	16.96	16.74	16.95	18.50
15	16QAM	1	37	16.84	16.67	16.57	18.50
15	16QAM	1	74	16.74	16.69	16.65	18.50
15	16QAM	36	0	16.82	16.53	16.66	18.50
15	16QAM	36	20	16.68	16.50	16.61	18.50
15	16QAM	36	39	16.68	16.50	16.59	18.50
15	16QAM	75	0	16.71	16.52	16.66	18.50
15	64QAM	1	0	16.50	16.53	16.51	18.50
15	64QAM	1	37	16.62	16.50	16.52	18.50
15	64QAM	1	74	16.52	16.50	16.57	18.50
15	64QAM	36	0	16.84	16.67	16.77	18.50
15	64QAM	36	20	16.80	16.58	16.72	18.50
15	64QAM	36	39	16.73	16.54	16.60	18.50
15	64QAM	75	0	16.82	16.53	16.67	18.50
15	256QAM	1	0	16.66	16.53	16.65	18.50
15	256QAM	1	37	16.65	16.50	16.54	18.50
15	256QAM	1	74	16.50	16.55	16.62	18.50
15	256QAM	36	0	16.79	16.71	16.83	18.50
15	256QAM	36	20	16.84	16.59	16.76	18.50
15	256QAM	36	39	16.84	16.62	16.74	18.50
15	256QAM	75	0	16.79	16.64	16.68	18.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	16.75	16.60	16.80	18.50
10	QPSK	1	25	16.71	16.58	16.60	18.50
10	QPSK	1	49	16.61	16.56	16.62	18.50
10	QPSK	25	0	16.72	16.58	16.60	18.50

10	QPSK	25	12	16.68	16.52	16.58	18.50
10	QPSK	25	25	16.70	16.51	16.56	18.50
10	QPSK	50	0	16.71	16.51	16.62	18.50
10	16QAM	1	0	16.85	16.71	16.89	18.50
10	16QAM	1	25	16.88	16.71	16.66	18.50
10	16QAM	1	49	16.82	16.59	16.72	18.50
10	16QAM	25	0	16.82	16.61	16.75	18.50
10	16QAM	25	12	16.65	16.51	16.64	18.50
10	16QAM	25	25	16.75	16.51	16.65	18.50
10	16QAM	50	0	16.81	16.50	16.62	18.50
10	64QAM	1	0	16.53	16.51	16.50	18.50
10	64QAM	1	25	16.61	16.52	16.51	18.50
10	64QAM	1	49	16.60	16.50	16.53	18.50
10	64QAM	25	0	16.74	16.54	16.72	18.50
10	64QAM	25	12	16.81	16.64	16.73	18.50
10	64QAM	25	25	16.77	16.57	16.60	18.50
10	64QAM	50	0	16.77	16.57	16.69	18.50
10	256QAM	1	0	16.66	16.52	16.69	18.50
10	256QAM	1	25	16.65	16.51	16.50	18.50
10	256QAM	1	49	16.57	16.50	16.52	18.50
10	256QAM	25	0	16.84	16.64	16.72	18.50
10	256QAM	25	12	16.80	16.67	16.74	18.50
10	256QAM	25	25	16.79	16.63	16.74	18.50
10	256QAM	50	0	16.80	16.63	16.77	18.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	16.76	16.59	16.73	18.50
5	QPSK	1	12	16.73	16.50	16.56	18.50
5	QPSK	1	24	16.63	16.52	16.61	18.50
5	QPSK	12	0	16.70	16.56	16.67	18.50
5	QPSK	12	7	16.63	16.50	16.55	18.50
5	QPSK	12	13	16.59	16.50	16.55	18.50
5	QPSK	25	0	16.72	16.50	16.57	18.50
5	16QAM	1	0	16.89	16.64	16.93	18.50
5	16QAM	1	12	16.85	16.63	16.64	18.50
5	16QAM	1	24	16.79	16.56	16.74	18.50
5	16QAM	12	0	16.73	16.60	16.71	18.50
5	16QAM	12	7	16.69	16.57	16.62	18.50
5	16QAM	12	13	16.76	16.55	16.55	18.50
5	16QAM	25	0	16.72	16.55	16.62	18.50
5	64QAM	1	0	16.50	16.50	16.51	18.50
5	64QAM	1	12	16.60	16.50	16.50	18.50
5	64QAM	1	24	16.52	16.50	16.51	18.50
5	64QAM	12	0	16.83	16.57	16.80	18.50
5	64QAM	12	7	16.75	16.55	16.62	18.50
5	64QAM	12	13	16.72	16.56	16.63	18.50
5	64QAM	25	0	16.81	16.63	16.75	18.50
5	256QAM	1	0	16.60	16.51	16.74	18.50
5	256QAM	1	12	16.65	16.53	16.51	18.50
5	256QAM	1	24	16.55	16.50	16.51	18.50
5	256QAM	12	0	16.86	16.71	16.80	18.50
5	256QAM	12	7	16.90	16.60	16.68	18.50
5	256QAM	12	13	16.83	16.65	16.69	18.50
5	256QAM	25	0	16.76	16.57	16.70	18.50

【LTE Band 38_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	16.87	16.69	16.86	17.60
20	QPSK	1	49	16.81	16.62	16.62	17.60
20	QPSK	1	99	16.75	16.58	16.64	17.60
20	QPSK	50	0	16.80	16.63	16.72	17.60
20	QPSK	50	24	16.75	16.54	16.64	17.60
20	QPSK	50	50	16.73	16.56	16.63	17.60
20	QPSK	100	0	16.76	16.56	16.69	17.60
20	16QAM	1	0	17.00	16.77	16.96	17.60
20	16QAM	1	49	16.90	16.74	16.69	17.60
20	16QAM	1	99	16.86	16.71	16.78	17.60
20	16QAM	50	0	16.85	16.67	16.79	17.60
20	16QAM	50	24	16.80	16.60	16.71	17.60
20	16QAM	50	50	16.79	16.63	16.69	17.60



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20	16QAM	100	0	16.85	16.62	16.76	17.60
20	64QAM	1	0	16.56	16.55	16.53	17.60
20	64QAM	1	49	16.69	16.52	16.52	17.60
20	64QAM	1	99	16.62	16.55	16.61	17.60
20	64QAM	50	0	16.87	16.69	16.82	17.60
20	64QAM	50	24	16.84	16.65	16.76	17.60
20	64QAM	50	50	16.81	16.65	16.74	17.60
20	64QAM	100	0	16.88	16.67	16.81	17.60
20	256QAM	1	0	16.74	16.58	16.76	17.60
20	256QAM	1	49	16.67	16.56	16.56	17.60
20	256QAM	1	99	16.64	16.56	16.63	17.60
20	256QAM	50	0	16.93	16.75	16.87	17.60
20	256QAM	50	24	16.91	16.70	16.81	17.60
20	256QAM	50	50	16.88	16.71	16.78	17.60
20	256QAM	100	0	16.89	16.69	16.81	17.60
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.85	16.58	16.72	17.60
15	QPSK	1	37	16.69	16.51	16.54	17.60
15	QPSK	1	74	16.66	16.50	16.54	17.60
15	QPSK	36	0	16.67	16.54	16.69	17.60
15	QPSK	36	20	16.72	16.50	16.50	17.60
15	QPSK	36	39	16.71	16.51	16.56	17.60
15	QPSK	75	0	16.62	16.51	16.66	17.60
15	16QAM	1	0	16.96	16.74	16.95	17.60
15	16QAM	1	37	16.84	16.67	16.57	17.60
15	16QAM	1	74	16.74	16.69	16.65	17.60
15	16QAM	36	0	16.82	16.53	16.66	17.60
15	16QAM	36	20	16.68	16.50	16.61	17.60
15	16QAM	36	39	16.68	16.50	16.59	17.60
15	16QAM	75	0	16.71	16.52	16.66	17.60
15	64QAM	1	0	16.50	16.53	16.51	17.60
15	64QAM	1	37	16.62	16.50	16.52	17.60
15	64QAM	1	74	16.52	16.50	16.57	17.60
15	64QAM	36	0	16.84	16.67	16.77	17.60
15	64QAM	36	20	16.80	16.58	16.72	17.60
15	64QAM	36	39	16.73	16.54	16.60	17.60
15	64QAM	75	0	16.82	16.53	16.67	17.60
15	256QAM	1	0	16.66	16.53	16.65	17.60
15	256QAM	1	37	16.65	16.50	16.54	17.60
15	256QAM	1	74	16.50	16.55	16.62	17.60
15	256QAM	36	0	16.79	16.71	16.83	17.60
15	256QAM	36	20	16.84	16.59	16.76	17.60
15	256QAM	36	39	16.84	16.62	16.74	17.60
15	256QAM	75	0	16.79	16.64	16.68	17.60
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	16.75	16.60	16.80	17.60
10	QPSK	1	25	16.71	16.58	16.60	17.60
10	QPSK	1	49	16.61	16.56	16.62	17.60
10	QPSK	25	0	16.72	16.58	16.60	17.60
10	QPSK	25	12	16.68	16.52	16.58	17.60
10	QPSK	25	25	16.70	16.51	16.56	17.60
10	QPSK	50	0	16.71	16.51	16.62	17.60
10	16QAM	1	0	16.85	16.71	16.89	17.60
10	16QAM	1	25	16.88	16.71	16.66	17.60
10	16QAM	1	49	16.82	16.59	16.72	17.60
10	16QAM	25	0	16.82	16.61	16.75	17.60
10	16QAM	25	12	16.65	16.51	16.64	17.60
10	16QAM	25	25	16.75	16.51	16.65	17.60
10	16QAM	50	0	16.81	16.50	16.62	17.60
10	64QAM	1	0	16.53	16.51	16.50	17.60
10	64QAM	1	25	16.61	16.52	16.51	17.60
10	64QAM	1	49	16.60	16.50	16.53	17.60
10	64QAM	25	0	16.74	16.54	16.72	17.60
10	64QAM	25	12	16.81	16.64	16.73	17.60
10	64QAM	25	25	16.77	16.57	16.60	17.60
10	64QAM	50	0	16.77	16.57	16.69	17.60
10	256QAM	1	0	16.66	16.52	16.69	17.60
10	256QAM	1	25	16.65	16.51	16.50	17.60
10	256QAM	1	49	16.57	16.50	16.52	17.60
10	256QAM	25	0	16.84	16.64	16.72	17.60
10	256QAM	25	12	16.80	16.67	16.74	17.60
10	256QAM	25	25	16.79	16.63	16.74	17.60
10	256QAM	50	0	16.80	16.63	16.77	17.60
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	16.76	16.59	16.73	17.60



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5	QPSK	1	12	16.73	16.50	16.56	17.60
5	QPSK	1	24	16.63	16.52	16.61	17.60
5	QPSK	12	0	16.70	16.56	16.67	17.60
5	QPSK	12	7	16.63	16.50	16.55	17.60
5	QPSK	12	13	16.59	16.50	16.55	17.60
5	QPSK	25	0	16.72	16.50	16.57	17.60
5	16QAM	1	0	16.89	16.64	16.93	17.60
5	16QAM	1	12	16.85	16.63	16.64	17.60
5	16QAM	1	24	16.79	16.56	16.74	17.60
5	16QAM	12	0	16.73	16.60	16.71	17.60
5	16QAM	12	7	16.69	16.57	16.62	17.60
5	16QAM	12	13	16.76	16.55	16.55	17.60
5	16QAM	25	0	16.72	16.55	16.62	17.60
5	64QAM	1	0	16.50	16.50	16.51	17.60
5	64QAM	1	12	16.60	16.50	16.50	17.60
5	64QAM	1	24	16.52	16.50	16.51	17.60
5	64QAM	12	0	16.83	16.57	16.80	17.60
5	64QAM	12	7	16.75	16.55	16.62	17.60
5	64QAM	12	13	16.72	16.56	16.63	17.60
5	64QAM	25	0	16.81	16.63	16.75	17.60
5	256QAM	1	0	16.60	16.51	16.74	17.60
5	256QAM	1	12	16.65	16.53	16.51	17.60
5	256QAM	1	24	16.55	16.50	16.51	17.60
5	256QAM	12	0	16.86	16.71	16.80	17.60
5	256QAM	12	7	16.90	16.60	16.68	17.60
5	256QAM	12	13	16.83	16.65	16.69	17.60
5	256QAM	25	0	16.76	16.57	16.70	17.60

【LTE Band 38_Ant 5_ECI 4】

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.37	19.40	19.32	19.90
20	QPSK	1	49	19.20	19.24	19.05	19.90
20	QPSK	1	99	19.19	19.35	19.16	19.90
20	QPSK	50	0	19.12	19.29	19.12	19.90
20	QPSK	50	24	19.08	19.22	19.05	19.90
20	QPSK	50	50	19.12	19.29	19.11	19.90
20	QPSK	100	0	19.22	19.29	19.20	19.90
20	16QAM	1	0	19.35	19.56	19.32	19.90
20	16QAM	1	49	19.21	19.38	19.24	19.90
20	16QAM	1	99	19.31	19.46	19.24	19.90
20	16QAM	50	0	19.24	19.37	19.19	19.90
20	16QAM	50	24	19.20	19.25	19.04	19.90
20	16QAM	50	50	19.15	19.32	19.19	19.90
20	16QAM	100	0	19.27	19.39	19.22	19.90
20	64QAM	1	0	19.04	19.09	18.87	19.90
20	64QAM	1	49	18.85	18.96	18.85	19.90
20	64QAM	1	99	18.93	19.00	18.78	19.90
20	64QAM	50	0	19.33	19.43	19.31	19.90
20	64QAM	50	24	19.10	19.25	19.11	19.90
20	64QAM	50	50	19.22	19.36	19.14	19.90
20	64QAM	100	0	19.24	19.33	19.10	19.90
20	256QAM	1	0	18.50	18.64	18.53	19.90
20	256QAM	1	49	18.37	18.49	18.36	19.90
20	256QAM	1	99	18.34	18.49	18.37	19.90
20	256QAM	50	0	18.72	18.76	18.65	19.90
20	256QAM	50	24	18.55	18.67	18.53	19.90
20	256QAM	50	50	18.45	18.62	18.44	19.90
20	256QAM	100	0	18.58	18.74	18.57	19.90
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.35	19.34	19.23	19.90
15	QPSK	1	37	19.11	19.10	18.92	19.90
15	QPSK	1	74	19.12	19.30	19.15	19.90
15	QPSK	36	0	19.04	19.24	18.99	19.90
15	QPSK	36	20	19.05	19.13	18.98	19.90
15	QPSK	36	39	19.10	19.16	19.03	19.90
15	QPSK	75	0	19.14	19.20	19.06	19.90
15	16QAM	1	0	19.24	19.40	19.25	19.90
15	16QAM	1	37	19.08	19.37	19.22	19.90
15	16QAM	1	74	19.26	19.35	19.10	19.90
15	16QAM	36	0	19.18	19.34	19.13	19.90
15	16QAM	36	20	19.17	19.17	19.01	19.90
15	16QAM	36	39	19.11	19.19	19.11	19.90
15	16QAM	75	0	19.23	19.31	19.13	19.90
15	64QAM	1	0	18.90	19.04	18.85	19.90
15	64QAM	1	37	18.80	18.92	18.83	19.90
15	64QAM	1	74	18.88	18.97	18.73	19.90
15	64QAM	36	0	19.30	19.30	19.20	19.90
15	64QAM	36	20	19.07	19.22	19.06	19.90
15	64QAM	36	39	19.16	19.33	19.00	19.90
15	64QAM	75	0	19.22	19.19	18.99	19.90
15	256QAM	1	0	18.48	18.52	18.43	19.90
15	256QAM	1	37	18.35	18.38	18.23	19.90
15	256QAM	1	74	18.31	18.44	18.23	19.90
15	256QAM	36	0	18.64	18.74	18.56	19.90
15	256QAM	36	20	18.50	18.65	18.39	19.90
15	256QAM	36	39	18.41	18.59	18.31	19.90
15	256QAM	75	0	18.55	18.67	18.50	19.90
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.28	19.32	19.30	19.90
10	QPSK	1	25	19.09	19.13	19.00	19.90
10	QPSK	1	49	19.07	19.21	19.04	19.90
10	QPSK	25	0	18.97	19.23	19.06	19.90
10	QPSK	25	12	18.94	19.12	18.94	19.90
10	QPSK	25	25	19.04	19.14	19.00	19.90
10	QPSK	50	0	19.20	19.24	19.15	19.90
10	16QAM	1	0	19.21	19.39	19.21	19.90
10	16QAM	1	25	19.10	19.28	19.13	19.90
10	16QAM	1	49	19.28	19.35	19.19	19.90

10	16QAM	25	0	19.19	19.23	19.11	19.90
10	16QAM	25	12	19.15	19.20	18.98	19.90
10	16QAM	25	25	19.02	19.22	19.16	19.90
10	16QAM	50	0	19.16	19.25	19.07	19.90
10	64QAM	1	0	19.02	19.06	18.84	19.90
10	64QAM	1	25	18.80	18.83	18.79	19.90
10	64QAM	1	49	18.83	18.96	18.71	19.90
10	64QAM	25	0	19.26	19.29	19.16	19.90
10	64QAM	25	12	19.08	19.19	19.09	19.90
10	64QAM	25	25	19.18	19.22	19.08	19.90
10	64QAM	50	0	19.22	19.26	19.03	19.90
10	256QAM	1	0	18.44	18.51	18.47	19.90
10	256QAM	1	25	18.25	18.47	18.26	19.90
10	256QAM	1	49	18.22	18.39	18.25	19.90
10	256QAM	25	0	18.68	18.75	18.55	19.90
10	256QAM	25	12	18.50	18.66	18.43	19.90
10	256QAM	25	25	18.38	18.48	18.42	19.90
10	256QAM	50	0	18.48	18.70	18.53	19.90
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.31	19.27	19.27	19.90
5	QPSK	1	12	19.05	19.14	18.97	19.90
5	QPSK	1	24	19.07	19.31	19.03	19.90
5	QPSK	12	0	18.99	19.27	19.10	19.90
5	QPSK	12	7	18.99	19.11	19.01	19.90
5	QPSK	12	13	19.07	19.19	19.04	19.90
5	QPSK	25	0	19.08	19.27	19.16	19.90
5	16QAM	1	0	19.25	19.40	19.21	19.90
5	16QAM	1	12	19.13	19.29	19.20	19.90
5	16QAM	1	24	19.23	19.35	19.20	19.90
5	16QAM	12	0	19.10	19.22	19.13	19.90
5	16QAM	12	7	19.08	19.20	19.00	19.90
5	16QAM	12	13	19.04	19.28	19.08	19.90
5	16QAM	25	0	19.13	19.29	19.16	19.90
5	64QAM	1	0	18.99	19.05	18.73	19.90
5	64QAM	1	12	18.81	18.83	18.70	19.90
5	64QAM	1	24	18.86	18.91	18.63	19.90
5	64QAM	12	0	19.32	19.29	19.17	19.90
5	64QAM	12	7	19.06	19.19	18.99	19.90
5	64QAM	12	13	19.13	19.25	19.08	19.90
5	64QAM	25	0	19.15	19.22	18.99	19.90
5	256QAM	1	0	18.39	18.58	18.45	19.90
5	256QAM	1	12	18.33	18.39	18.24	19.90
5	256QAM	1	24	18.24	18.41	18.23	19.90
5	256QAM	12	0	18.68	18.69	18.63	19.90
5	256QAM	12	7	18.50	18.56	18.42	19.90
5	256QAM	12	13	18.32	18.52	18.40	19.90
5	256QAM	25	0	18.50	18.63	18.52	19.90

【LTE Band 38_Ant 5_ECI 5】

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	18.09	17.91	18.08	18.40
20	QPSK	1	49	18.03	17.88	17.84	18.40
20	QPSK	1	99	17.96	17.83	17.88	18.40
20	QPSK	50	0	18.02	17.85	17.95	18.40
20	QPSK	50	24	17.98	17.80	17.86	18.40
20	QPSK	50	50	17.97	17.81	17.86	18.40
20	QPSK	100	0	18.00	17.80	17.91	18.40
20	16QAM	1	0	18.23	18.03	18.19	18.40
20	16QAM	1	49	18.13	17.96	17.97	18.40
20	16QAM	1	99	18.10	17.95	18.01	18.40
20	16QAM	50	0	18.08	17.91	18.02	18.40
20	16QAM	50	24	18.05	17.85	17.93	18.40
20	16QAM	50	50	18.02	17.85	17.92	18.40
20	16QAM	100	0	18.07	17.86	17.99	18.40
20	64QAM	1	0	17.81	17.89	17.97	18.40
20	64QAM	1	49	17.92	17.80	17.85	18.40
20	64QAM	1	99	17.86	17.85	17.88	18.40
20	64QAM	50	0	18.11	17.93	18.05	18.40
20	64QAM	50	24	18.09	17.88	17.98	18.40



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20	64QAM	50	50	18.05	17.88	17.97	18.40
20	64QAM	100	0	18.12	17.90	18.04	18.40
20	256QAM	1	0	18.07	17.89	18.04	18.40
20	256QAM	1	49	17.98	17.86	17.86	18.40
20	256QAM	1	99	17.92	17.83	17.98	18.40
20	256QAM	50	0	18.18	18.00	18.10	18.40
20	256QAM	50	24	18.16	17.96	18.05	18.40
20	256QAM	50	50	18.12	17.95	18.03	18.40
20	256QAM	100	0	18.13	17.92	18.05	18.40
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	18.08	17.89	17.94	18.40
15	QPSK	1	37	17.98	17.81	17.81	18.40
15	QPSK	1	74	17.88	17.80	17.82	18.40
15	QPSK	36	0	17.97	17.80	17.85	18.40
15	QPSK	36	20	17.96	17.81	17.82	18.40
15	QPSK	36	39	17.85	17.81	17.80	18.40
15	QPSK	75	0	17.85	17.82	17.88	18.40
15	16QAM	1	0	18.08	17.92	18.08	18.40
15	16QAM	1	37	18.01	17.91	17.90	18.40
15	16QAM	1	74	18.04	17.85	17.99	18.40
15	16QAM	36	0	18.05	17.82	17.87	18.40
15	16QAM	36	20	17.94	17.82	17.85	18.40
15	16QAM	36	39	17.91	17.83	17.88	18.40
15	16QAM	75	0	17.98	17.80	17.84	18.40
15	64QAM	1	0	17.80	17.87	17.93	18.40
15	64QAM	1	37	17.91	17.81	17.81	18.40
15	64QAM	1	74	17.82	17.81	17.81	18.40
15	64QAM	36	0	18.08	17.80	17.97	18.40
15	64QAM	36	20	17.99	17.84	17.85	18.40
15	64QAM	36	39	17.95	17.87	17.95	18.40
15	64QAM	75	0	17.98	17.81	17.91	18.40
15	256QAM	1	0	17.95	17.86	17.97	18.40
15	256QAM	1	37	17.89	17.84	17.84	18.40
15	256QAM	1	74	17.87	17.81	17.88	18.40
15	256QAM	36	0	18.05	17.99	18.03	18.40
15	256QAM	36	20	18.07	17.82	17.92	18.40
15	256QAM	36	39	18.07	17.81	18.01	18.40
15	256QAM	75	0	17.99	17.84	17.96	18.40
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	17.94	17.86	18.05	18.40
10	QPSK	1	25	17.90	17.81	17.82	18.40
10	QPSK	1	49	17.82	17.81	17.80	18.40
10	QPSK	25	0	17.96	17.81	17.84	18.40
10	QPSK	25	12	17.90	17.80	17.80	18.40
10	QPSK	25	25	17.94	17.81	17.84	18.40
10	QPSK	50	0	17.98	17.80	17.82	18.40
10	16QAM	1	0	18.18	17.96	18.15	18.40
10	16QAM	1	25	18.10	17.84	17.87	18.40
10	16QAM	1	49	17.96	17.85	17.93	18.40
10	16QAM	25	0	18.00	17.84	17.97	18.40
10	16QAM	25	12	18.01	17.80	17.90	18.40
10	16QAM	25	25	17.93	17.80	17.86	18.40
10	16QAM	50	0	18.01	17.80	17.88	18.40
10	64QAM	1	0	17.81	17.81	17.96	18.40
10	64QAM	1	25	17.81	17.81	17.81	18.40
10	64QAM	1	49	17.83	17.81	17.80	18.40
10	64QAM	25	0	18.05	17.81	17.93	18.40
10	64QAM	25	12	18.05	17.86	17.92	18.40
10	64QAM	25	25	18.00	17.80	17.94	18.40
10	64QAM	50	0	18.09	17.82	17.97	18.40
10	256QAM	1	0	17.93	17.84	17.93	18.40
10	256QAM	1	25	17.97	17.85	17.81	18.40
10	256QAM	1	49	17.80	17.80	17.93	18.40
10	256QAM	25	0	18.08	17.95	18.05	18.40
10	256QAM	25	12	18.05	17.85	17.98	18.40
10	256QAM	25	25	18.08	17.89	17.99	18.40
10	256QAM	50	0	18.09	17.82	17.96	18.40
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.04	17.89	18.00	18.40
5	QPSK	1	12	17.90	17.80	17.80	18.40
5	QPSK	1	24	17.92	17.81	17.83	18.40
5	QPSK	12	0	17.92	17.80	17.89	18.40
5	QPSK	12	7	17.85	17.80	17.82	18.40
5	QPSK	12	13	17.91	17.80	17.85	18.40
5	QPSK	25	0	17.85	17.80	17.81	18.40

5	16QAM	1	0	18.20	17.90	18.13	18.40
5	16QAM	1	12	18.01	17.81	17.96	18.40
5	16QAM	1	24	18.06	17.85	17.96	18.40
5	16QAM	12	0	18.04	17.81	17.89	18.40
5	16QAM	12	7	17.91	17.80	17.82	18.40
5	16QAM	12	13	17.88	17.80	17.84	18.40
5	16QAM	25	0	17.92	17.80	17.90	18.40
5	64QAM	1	0	17.82	17.81	17.90	18.40
5	64QAM	1	12	17.86	17.82	17.80	18.40
5	64QAM	1	24	17.80	17.80	17.80	18.40
5	64QAM	12	0	17.98	17.92	17.90	18.40
5	64QAM	12	7	17.99	17.84	17.86	18.40
5	64QAM	12	13	17.94	17.81	17.86	18.40
5	64QAM	25	0	18.10	17.89	18.02	18.40
5	256QAM	1	0	18.01	17.86	17.93	18.40
5	256QAM	1	12	17.96	17.80	17.81	18.40
5	256QAM	1	24	17.85	17.82	17.93	18.40
5	256QAM	12	0	18.12	17.89	17.97	18.40
5	256QAM	12	7	18.12	17.88	17.97	18.40
5	256QAM	12	13	18.05	17.94	17.97	18.40
5	256QAM	25	0	18.10	17.88	18.00	18.40

【LTE Band 38_Ant 5_ECI 6】

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	18.09	17.91	18.08	18.40
20	QPSK	1	49	18.03	17.88	17.84	18.40
20	QPSK	1	99	17.96	17.83	17.88	18.40
20	QPSK	50	0	18.02	17.85	17.95	18.40
20	QPSK	50	24	17.98	17.80	17.86	18.40
20	QPSK	50	50	17.97	17.81	17.86	18.40
20	QPSK	100	0	18.00	17.80	17.91	18.40
20	16QAM	1	0	18.23	18.03	18.19	18.40
20	16QAM	1	49	18.13	17.96	17.97	18.40
20	16QAM	1	99	18.10	17.95	18.01	18.40
20	16QAM	50	0	18.08	17.91	18.02	18.40
20	16QAM	50	24	18.05	17.85	17.93	18.40
20	16QAM	50	50	18.02	17.85	17.92	18.40
20	16QAM	100	0	18.07	17.86	17.99	18.40
20	64QAM	1	0	17.81	17.89	17.97	18.40
20	64QAM	1	49	17.92	17.80	17.85	18.40
20	64QAM	1	99	17.86	17.85	17.88	18.40
20	64QAM	50	0	18.11	17.93	18.05	18.40
20	64QAM	50	24	18.09	17.88	17.98	18.40
20	64QAM	50	50	18.05	17.88	17.97	18.40
20	64QAM	100	0	18.12	17.90	18.04	18.40
20	256QAM	1	0	18.07	17.89	18.04	18.40
20	256QAM	1	49	17.98	17.86	17.86	18.40
20	256QAM	1	99	17.92	17.83	17.98	18.40
20	256QAM	50	0	18.18	18.00	18.10	18.40
20	256QAM	50	24	18.16	17.96	18.05	18.40
20	256QAM	50	50	18.12	17.95	18.03	18.40
20	256QAM	100	0	18.13	17.92	18.05	18.40
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.08	17.89	17.94	18.40
15	QPSK	1	37	17.98	17.81	17.81	18.40
15	QPSK	1	74	17.88	17.80	17.82	18.40
15	QPSK	36	0	17.97	17.80	17.85	18.40
15	QPSK	36	20	17.96	17.81	17.82	18.40
15	QPSK	36	39	17.85	17.81	17.80	18.40
15	QPSK	75	0	17.85	17.82	17.88	18.40
15	16QAM	1	0	18.08	17.92	18.08	18.40
15	16QAM	1	37	18.01	17.91	17.90	18.40
15	16QAM	1	74	18.04	17.85	17.99	18.40
15	16QAM	36	0	18.05	17.82	17.87	18.40
15	16QAM	36	20	17.94	17.82	17.85	18.40
15	16QAM	36	39	17.91	17.83	17.88	18.40
15	16QAM	75	0	17.98	17.80	17.84	18.40
15	64QAM	1	0	17.80	17.87	17.93	18.40
15	64QAM	1	37	17.91	17.81	17.81	18.40

15	64QAM	1	74	17.82	17.81	17.81	18.40
15	64QAM	36	0	18.08	17.80	17.97	18.40
15	64QAM	36	20	17.99	17.84	17.85	18.40
15	64QAM	36	39	17.95	17.87	17.95	18.40
15	64QAM	75	0	17.98	17.81	17.91	18.40
15	256QAM	1	0	17.95	17.86	17.97	18.40
15	256QAM	1	37	17.89	17.84	17.84	18.40
15	256QAM	1	74	17.87	17.81	17.88	18.40
15	256QAM	36	0	18.05	17.99	18.03	18.40
15	256QAM	36	20	18.07	17.82	17.92	18.40
15	256QAM	36	39	18.07	17.81	18.01	18.40
15	256QAM	75	0	17.99	17.84	17.96	18.40
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.94	17.86	18.05	18.40
10	QPSK	1	25	17.90	17.81	17.82	18.40
10	QPSK	1	49	17.82	17.81	17.80	18.40
10	QPSK	25	0	17.96	17.81	17.84	18.40
10	QPSK	25	12	17.90	17.80	17.80	18.40
10	QPSK	25	25	17.94	17.81	17.84	18.40
10	QPSK	50	0	17.98	17.80	17.82	18.40
10	16QAM	1	0	18.18	17.96	18.15	18.40
10	16QAM	1	25	18.10	17.84	17.87	18.40
10	16QAM	1	49	17.96	17.85	17.93	18.40
10	16QAM	25	0	18.00	17.84	17.97	18.40
10	16QAM	25	12	18.01	17.80	17.90	18.40
10	16QAM	25	25	17.93	17.80	17.86	18.40
10	16QAM	50	0	18.01	17.80	17.88	18.40
10	64QAM	1	0	17.81	17.81	17.96	18.40
10	64QAM	1	25	17.81	17.81	17.81	18.40
10	64QAM	1	49	17.83	17.81	17.80	18.40
10	64QAM	25	0	18.05	17.81	17.93	18.40
10	64QAM	25	12	18.05	17.86	17.92	18.40
10	64QAM	25	25	18.00	17.80	17.94	18.40
10	64QAM	50	0	18.09	17.82	17.97	18.40
10	256QAM	1	0	17.93	17.84	17.93	18.40
10	256QAM	1	25	17.97	17.85	17.81	18.40
10	256QAM	1	49	17.80	17.80	17.93	18.40
10	256QAM	25	0	18.08	17.95	18.05	18.40
10	256QAM	25	12	18.05	17.85	17.98	18.40
10	256QAM	25	25	18.08	17.89	17.99	18.40
10	256QAM	50	0	18.09	17.82	17.96	18.40
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.04	17.89	18.00	18.40
5	QPSK	1	12	17.90	17.80	17.80	18.40
5	QPSK	1	24	17.92	17.81	17.83	18.40
5	QPSK	12	0	17.92	17.80	17.89	18.40
5	QPSK	12	7	17.85	17.80	17.82	18.40
5	QPSK	12	13	17.91	17.80	17.85	18.40
5	QPSK	25	0	17.85	17.80	17.81	18.40
5	16QAM	1	0	18.20	17.90	18.13	18.40
5	16QAM	1	12	18.01	17.81	17.96	18.40
5	16QAM	1	24	18.06	17.85	17.96	18.40
5	16QAM	12	0	18.04	17.81	17.89	18.40
5	16QAM	12	7	17.91	17.80	17.82	18.40
5	16QAM	12	13	17.88	17.80	17.84	18.40
5	16QAM	25	0	17.92	17.80	17.90	18.40
5	64QAM	1	0	17.82	17.81	17.90	18.40
5	64QAM	1	12	17.86	17.82	17.80	18.40
5	64QAM	1	24	17.80	17.80	17.80	18.40
5	64QAM	12	0	17.98	17.92	17.90	18.40
5	64QAM	12	7	17.99	17.84	17.86	18.40
5	64QAM	12	13	17.94	17.81	17.86	18.40
5	64QAM	25	0	18.10	17.89	18.02	18.40
5	256QAM	1	0	18.01	17.86	17.93	18.40
5	256QAM	1	12	17.96	17.80	17.81	18.40
5	256QAM	1	24	17.85	17.82	17.93	18.40
5	256QAM	12	0	18.12	17.89	17.97	18.40
5	256QAM	12	7	18.12	17.88	17.97	18.40
5	256QAM	12	13	18.05	17.94	17.97	18.40
5	256QAM	25	0	18.10	17.88	18.00	18.40

【LTE Band 38_HPUE_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.61	18.43	18.60	20.10
20	QPSK	1	49	18.54	18.38	18.38	20.10
20	QPSK	1	99	18.50	18.35	18.43	20.10
20	QPSK	50	0	18.55	18.37	18.48	20.10
20	QPSK	50	24	18.51	18.30	18.38	20.10
20	QPSK	50	50	18.50	18.32	18.37	20.10
20	QPSK	100	0	18.53	18.32	18.45	20.10
20	16QAM	1	0	18.87	18.67	18.79	20.10
20	16QAM	1	49	18.76	18.59	18.58	20.10
20	16QAM	1	99	18.71	18.59	18.66	20.10
20	16QAM	50	0	18.62	18.43	18.55	20.10
20	16QAM	50	24	18.58	18.37	18.47	20.10
20	16QAM	50	50	18.56	18.39	18.49	20.10
20	16QAM	100	0	18.61	18.40	18.53	20.10
20	64QAM	1	0	18.66	18.42	18.58	20.10
20	64QAM	1	49	18.56	18.36	18.36	20.10
20	64QAM	1	99	18.50	18.34	18.47	20.10
20	64QAM	50	0	18.64	18.44	18.56	20.10
20	64QAM	50	24	18.60	18.40	18.50	20.10
20	64QAM	50	50	18.57	18.42	18.49	20.10
20	64QAM	100	0	18.64	18.44	18.57	20.10
20	256QAM	1	0	18.71	18.53	18.68	20.10
20	256QAM	1	49	18.64	18.50	18.49	20.10
20	256QAM	1	99	18.57	18.47	18.60	20.10
20	256QAM	50	0	18.70	18.52	18.62	20.10
20	256QAM	50	24	18.67	18.48	18.55	20.10
20	256QAM	50	50	18.65	18.48	18.54	20.10
20	256QAM	100	0	18.66	18.46	18.57	20.10
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.54	18.33	18.55	20.10
15	QPSK	1	37	18.50	18.35	18.30	20.10
15	QPSK	1	74	18.47	18.25	18.32	20.10
15	QPSK	36	0	18.50	18.24	18.43	20.10
15	QPSK	36	20	18.50	18.15	18.24	20.10
15	QPSK	36	39	18.36	18.22	18.25	20.10
15	QPSK	75	0	18.45	18.28	18.35	20.10
15	16QAM	1	0	18.72	18.59	18.71	20.10
15	16QAM	1	37	18.66	18.51	18.49	20.10
15	16QAM	1	74	18.57	18.46	18.53	20.10
15	16QAM	36	0	18.48	18.41	18.43	20.10
15	16QAM	36	20	18.56	18.31	18.36	20.10
15	16QAM	36	39	18.45	18.24	18.44	20.10
15	16QAM	75	0	18.56	18.39	18.41	20.10
15	64QAM	1	0	18.62	18.27	18.50	20.10
15	64QAM	1	37	18.54	18.25	18.25	20.10
15	64QAM	1	74	18.49	18.28	18.39	20.10
15	64QAM	36	0	18.58	18.40	18.47	20.10
15	64QAM	36	20	18.46	18.36	18.45	20.10
15	64QAM	36	39	18.56	18.31	18.47	20.10
15	64QAM	75	0	18.52	18.38	18.42	20.10
15	256QAM	1	0	18.57	18.40	18.56	20.10
15	256QAM	1	37	18.60	18.40	18.35	20.10
15	256QAM	1	74	18.50	18.36	18.51	20.10
15	256QAM	36	0	18.57	18.42	18.47	20.10
15	256QAM	36	20	18.52	18.41	18.47	20.10
15	256QAM	36	39	18.63	18.35	18.49	20.10
15	256QAM	75	0	18.55	18.33	18.48	20.10
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.51	18.42	18.53	20.10
10	QPSK	1	25	18.51	18.25	18.33	20.10
10	QPSK	1	49	18.41	18.31	18.41	20.10
10	QPSK	25	0	18.42	18.31	18.41	20.10

10	QPSK	25	12	18.45	18.22	18.25	20.10
10	QPSK	25	25	18.42	18.20	18.34	20.10
10	QPSK	50	0	18.42	18.27	18.41	20.10
10	16QAM	1	0	18.74	18.65	18.74	20.10
10	16QAM	1	25	18.68	18.52	18.49	20.10
10	16QAM	1	49	18.57	18.51	18.57	20.10
10	16QAM	25	0	18.57	18.31	18.45	20.10
10	16QAM	25	12	18.50	18.29	18.40	20.10
10	16QAM	25	25	18.46	18.32	18.46	20.10
10	16QAM	50	0	18.53	18.38	18.40	20.10
10	64QAM	1	0	18.61	18.41	18.45	20.10
10	64QAM	1	25	18.44	18.34	18.29	20.10
10	64QAM	1	49	18.48	18.26	18.40	20.10
10	64QAM	25	0	18.62	18.35	18.50	20.10
10	64QAM	25	12	18.47	18.32	18.44	20.10
10	64QAM	25	25	18.48	18.32	18.36	20.10
10	64QAM	50	0	18.61	18.32	18.49	20.10
10	256QAM	1	0	18.60	18.43	18.62	20.10
10	256QAM	1	25	18.50	18.43	18.43	20.10
10	256QAM	1	49	18.44	18.45	18.58	20.10
10	256QAM	25	0	18.65	18.43	18.61	20.10
10	256QAM	25	12	18.64	18.45	18.50	20.10
10	256QAM	25	25	18.60	18.39	18.50	20.10
10	256QAM	50	0	18.57	18.43	18.52	20.10
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.48	18.34	18.47	20.10
5	QPSK	1	12	18.47	18.30	18.27	20.10
5	QPSK	1	24	18.41	18.34	18.40	20.10
5	QPSK	12	0	18.44	18.24	18.34	20.10
5	QPSK	12	7	18.39	18.28	18.29	20.10
5	QPSK	12	13	18.41	18.27	18.29	20.10
5	QPSK	25	0	18.51	18.18	18.31	20.10
5	16QAM	1	0	18.78	18.52	18.76	20.10
5	16QAM	1	12	18.62	18.49	18.45	20.10
5	16QAM	1	24	18.59	18.46	18.58	20.10
5	16QAM	12	0	18.51	18.29	18.41	20.10
5	16QAM	12	7	18.43	18.28	18.37	20.10
5	16QAM	12	13	18.44	18.26	18.44	20.10
5	16QAM	25	0	18.56	18.28	18.39	20.10
5	64QAM	1	0	18.60	18.40	18.54	20.10
5	64QAM	1	12	18.51	18.31	18.26	20.10
5	64QAM	1	24	18.46	18.29	18.41	20.10
5	64QAM	12	0	18.59	18.40	18.49	20.10
5	64QAM	12	7	18.57	18.29	18.45	20.10
5	64QAM	12	13	18.56	18.36	18.43	20.10
5	64QAM	25	0	18.55	18.36	18.53	20.10
5	256QAM	1	0	18.59	18.42	18.63	20.10
5	256QAM	1	12	18.49	18.44	18.40	20.10
5	256QAM	1	24	18.51	18.36	18.53	20.10
5	256QAM	12	0	18.63	18.41	18.59	20.10
5	256QAM	12	7	18.59	18.45	18.41	20.10
5	256QAM	12	13	18.62	18.38	18.46	20.10
5	256QAM	25	0	18.51	18.44	18.54	20.10

【LTE Band 38_HPUE_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.61	18.43	18.60	19.20
20	QPSK	1	49	18.54	18.38	18.38	19.20
20	QPSK	1	99	18.50	18.35	18.43	19.20
20	QPSK	50	0	18.55	18.37	18.48	19.20
20	QPSK	50	24	18.51	18.30	18.38	19.20
20	QPSK	50	50	18.50	18.32	18.37	19.20
20	QPSK	100	0	18.53	18.32	18.45	19.20
20	16QAM	1	0	18.87	18.67	18.79	19.20
20	16QAM	1	49	18.76	18.59	18.58	19.20
20	16QAM	1	99	18.71	18.59	18.66	19.20
20	16QAM	50	0	18.62	18.43	18.55	19.20
20	16QAM	50	24	18.58	18.37	18.47	19.20
20	16QAM	50	50	18.56	18.39	18.49	19.20



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20	16QAM	100	0	18.61	18.40	18.53	19.20
20	64QAM	1	0	18.66	18.42	18.58	19.20
20	64QAM	1	49	18.56	18.36	18.36	19.20
20	64QAM	1	99	18.50	18.34	18.47	19.20
20	64QAM	50	0	18.64	18.44	18.56	19.20
20	64QAM	50	24	18.60	18.40	18.50	19.20
20	64QAM	50	50	18.57	18.42	18.49	19.20
20	64QAM	100	0	18.64	18.44	18.57	19.20
20	256QAM	1	0	18.71	18.53	18.68	19.20
20	256QAM	1	49	18.64	18.50	18.49	19.20
20	256QAM	1	99	18.57	18.47	18.60	19.20
20	256QAM	50	0	18.70	18.52	18.62	19.20
20	256QAM	50	24	18.67	18.48	18.55	19.20
20	256QAM	50	50	18.65	18.48	18.54	19.20
20	256QAM	100	0	18.66	18.46	18.57	19.20
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.54	18.33	18.55	19.20
15	QPSK	1	37	18.50	18.35	18.30	19.20
15	QPSK	1	74	18.47	18.25	18.32	19.20
15	QPSK	36	0	18.50	18.24	18.43	19.20
15	QPSK	36	20	18.50	18.15	18.24	19.20
15	QPSK	36	39	18.36	18.22	18.25	19.20
15	QPSK	75	0	18.45	18.28	18.35	19.20
15	16QAM	1	0	18.72	18.59	18.71	19.20
15	16QAM	1	37	18.66	18.51	18.49	19.20
15	16QAM	1	74	18.57	18.46	18.53	19.20
15	16QAM	36	0	18.48	18.41	18.43	19.20
15	16QAM	36	20	18.56	18.31	18.36	19.20
15	16QAM	36	39	18.45	18.24	18.44	19.20
15	16QAM	75	0	18.56	18.39	18.41	19.20
15	64QAM	1	0	18.62	18.27	18.50	19.20
15	64QAM	1	37	18.54	18.25	18.25	19.20
15	64QAM	1	74	18.49	18.28	18.39	19.20
15	64QAM	36	0	18.58	18.40	18.47	19.20
15	64QAM	36	20	18.46	18.36	18.45	19.20
15	64QAM	36	39	18.56	18.31	18.47	19.20
15	64QAM	75	0	18.52	18.38	18.42	19.20
15	256QAM	1	0	18.57	18.40	18.56	19.20
15	256QAM	1	37	18.60	18.40	18.35	19.20
15	256QAM	1	74	18.50	18.36	18.51	19.20
15	256QAM	36	0	18.57	18.42	18.47	19.20
15	256QAM	36	20	18.52	18.41	18.47	19.20
15	256QAM	36	39	18.63	18.35	18.49	19.20
15	256QAM	75	0	18.55	18.33	18.48	19.20
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.51	18.42	18.53	19.20
10	QPSK	1	25	18.51	18.25	18.33	19.20
10	QPSK	1	49	18.41	18.31	18.41	19.20
10	QPSK	25	0	18.42	18.31	18.41	19.20
10	QPSK	25	12	18.45	18.22	18.25	19.20
10	QPSK	25	25	18.42	18.20	18.34	19.20
10	QPSK	50	0	18.42	18.27	18.41	19.20
10	16QAM	1	0	18.74	18.65	18.74	19.20
10	16QAM	1	25	18.68	18.52	18.49	19.20
10	16QAM	1	49	18.57	18.51	18.57	19.20
10	16QAM	25	0	18.57	18.31	18.45	19.20
10	16QAM	25	12	18.50	18.29	18.40	19.20
10	16QAM	25	25	18.46	18.32	18.46	19.20
10	16QAM	50	0	18.53	18.38	18.40	19.20
10	64QAM	1	0	18.61	18.41	18.45	19.20
10	64QAM	1	25	18.44	18.34	18.29	19.20
10	64QAM	1	49	18.48	18.26	18.40	19.20
10	64QAM	25	0	18.62	18.35	18.50	19.20
10	64QAM	25	12	18.47	18.32	18.44	19.20
10	64QAM	25	25	18.48	18.32	18.36	19.20
10	64QAM	50	0	18.61	18.32	18.49	19.20
10	256QAM	1	0	18.60	18.43	18.62	19.20
10	256QAM	1	25	18.50	18.43	18.43	19.20
10	256QAM	1	49	18.44	18.45	18.58	19.20
10	256QAM	25	0	18.65	18.43	18.61	19.20
10	256QAM	25	12	18.64	18.45	18.50	19.20
10	256QAM	25	25	18.60	18.39	18.50	19.20
10	256QAM	50	0	18.57	18.43	18.52	19.20
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.48	18.34	18.47	19.20

5	QPSK	1	12	18.47	18.30	18.27	19.20
5	QPSK	1	24	18.41	18.34	18.40	19.20
5	QPSK	12	0	18.44	18.24	18.34	19.20
5	QPSK	12	7	18.39	18.28	18.29	19.20
5	QPSK	12	13	18.41	18.27	18.29	19.20
5	QPSK	25	0	18.51	18.18	18.31	19.20
5	16QAM	1	0	18.78	18.52	18.76	19.20
5	16QAM	1	12	18.62	18.49	18.45	19.20
5	16QAM	1	24	18.59	18.46	18.58	19.20
5	16QAM	12	0	18.51	18.29	18.41	19.20
5	16QAM	12	7	18.43	18.28	18.37	19.20
5	16QAM	12	13	18.44	18.26	18.44	19.20
5	16QAM	25	0	18.56	18.28	18.39	19.20
5	64QAM	1	0	18.60	18.40	18.54	19.20
5	64QAM	1	12	18.51	18.31	18.26	19.20
5	64QAM	1	24	18.46	18.29	18.41	19.20
5	64QAM	12	0	18.59	18.40	18.49	19.20
5	64QAM	12	7	18.57	18.29	18.45	19.20
5	64QAM	12	13	18.56	18.36	18.43	19.20
5	64QAM	25	0	18.55	18.36	18.53	19.20
5	256QAM	1	0	18.59	18.42	18.63	19.20
5	256QAM	1	12	18.49	18.44	18.40	19.20
5	256QAM	1	24	18.51	18.36	18.53	19.20
5	256QAM	12	0	18.63	18.41	18.59	19.20
5	256QAM	12	7	18.59	18.45	18.41	19.20
5	256QAM	12	13	18.62	18.38	18.46	19.20
5	256QAM	25	0	18.51	18.44	18.54	19.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.91	19.69	19.87	20.00
20	QPSK	1	49	19.83	19.63	19.62	20.00
20	QPSK	1	99	19.77	19.61	19.69	20.00
20	QPSK	50	0	19.83	19.63	19.73	20.00
20	QPSK	50	24	19.78	19.54	19.66	20.00
20	QPSK	50	50	19.76	19.59	19.64	20.00
20	QPSK	100	0	19.80	19.59	19.70	20.00
20	16QAM	1	0	19.98	19.75	19.92	20.00
20	16QAM	1	49	19.88	19.85	19.82	20.00
20	16QAM	1	99	19.98	19.82	19.90	20.00
20	16QAM	50	0	19.88	19.71	19.81	20.00
20	16QAM	50	24	19.84	19.64	19.73	20.00
20	16QAM	50	50	19.83	19.66	19.74	20.00
20	16QAM	100	0	19.86	19.65	19.78	20.00
20	64QAM	1	0	19.95	19.70	19.84	20.00
20	64QAM	1	49	19.84	19.63	19.62	20.00
20	64QAM	1	99	19.77	19.62	19.71	20.00
20	64QAM	50	0	19.91	19.72	19.86	20.00
20	64QAM	50	24	19.88	19.68	19.77	20.00
20	64QAM	50	50	19.84	19.69	19.76	20.00
20	64QAM	100	0	19.90	19.70	19.82	20.00
20	256QAM	1	0	19.88	19.79	19.99	20.00
20	256QAM	1	49	19.93	19.76	19.77	20.00
20	256QAM	1	99	19.84	19.76	19.88	20.00
20	256QAM	50	0	19.96	19.77	19.87	20.00
20	256QAM	50	24	19.95	19.72	19.81	20.00
20	256QAM	50	50	19.89	19.73	19.79	20.00
20	256QAM	100	0	19.90	19.70	19.82	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.89	19.59	19.80	20.00
15	QPSK	1	37	19.77	19.60	19.50	20.00
15	QPSK	1	74	19.67	19.48	19.63	20.00
15	QPSK	36	0	19.79	19.50	19.61	20.00
15	QPSK	36	20	19.73	19.44	19.56	20.00
15	QPSK	36	39	19.72	19.47	19.58	20.00
15	QPSK	75	0	19.66	19.45	19.60	20.00
15	16QAM	1	0	19.89	19.66	19.78	20.00
15	16QAM	1	37	19.78	19.77	19.73	20.00
15	16QAM	1	74	19.88	19.71	19.87	20.00
15	16QAM	36	0	19.77	19.60	19.69	20.00
15	16QAM	36	20	19.71	19.49	19.60	20.00
15	16QAM	36	39	19.77	19.52	19.59	20.00
15	16QAM	75	0	19.85	19.54	19.75	20.00
15	64QAM	1	0	19.83	19.58	19.80	20.00
15	64QAM	1	37	19.80	19.50	19.61	20.00
15	64QAM	1	74	19.75	19.47	19.66	20.00
15	64QAM	36	0	19.83	19.59	19.80	20.00
15	64QAM	36	20	19.73	19.57	19.68	20.00
15	64QAM	36	39	19.79	19.63	19.61	20.00
15	64QAM	75	0	19.88	19.64	19.72	20.00
15	256QAM	1	0	19.78	19.74	19.89	20.00
15	256QAM	1	37	19.78	19.73	19.62	20.00
15	256QAM	1	74	19.78	19.61	19.85	20.00
15	256QAM	36	0	19.86	19.65	19.73	20.00
15	256QAM	36	20	19.92	19.64	19.80	20.00
15	256QAM	36	39	19.84	19.67	19.69	20.00
15	256QAM	75	0	19.78	19.64	19.71	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.77	19.61	19.84	20.00
10	QPSK	1	25	19.75	19.61	19.49	20.00
10	QPSK	1	49	19.71	19.47	19.60	20.00
10	QPSK	25	0	19.78	19.61	19.65	20.00
10	QPSK	25	12	19.69	19.43	19.61	20.00
10	QPSK	25	25	19.68	19.48	19.51	20.00
10	QPSK	50	0	19.69	19.56	19.58	20.00
10	16QAM	1	0	19.92	19.64	19.84	20.00
10	16QAM	1	25	19.74	19.79	19.68	20.00
10	16QAM	1	49	19.96	19.72	19.76	20.00
10	16QAM	25	0	19.80	19.63	19.69	20.00

10	16QAM	25	12	19.69	19.52	19.59	20.00
10	16QAM	25	25	19.73	19.55	19.72	20.00
10	16QAM	50	0	19.82	19.58	19.63	20.00
10	64QAM	1	0	19.94	19.61	19.77	20.00
10	64QAM	1	25	19.70	19.54	19.49	20.00
10	64QAM	1	49	19.63	19.49	19.68	20.00
10	64QAM	25	0	19.78	19.70	19.71	20.00
10	64QAM	25	12	19.77	19.64	19.73	20.00
10	64QAM	25	25	19.75	19.67	19.72	20.00
10	64QAM	50	0	19.76	19.60	19.76	20.00
10	256QAM	1	0	19.84	19.67	19.92	20.00
10	256QAM	1	25	19.90	19.63	19.74	20.00
10	256QAM	1	49	19.73	19.61	19.84	20.00
10	256QAM	25	0	19.87	19.73	19.72	20.00
10	256QAM	25	12	19.85	19.63	19.67	20.00
10	256QAM	25	25	19.79	19.70	19.77	20.00
10	256QAM	50	0	19.89	19.61	19.68	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.81	19.68	19.86	20.00
5	QPSK	1	12	19.72	19.55	19.57	20.00
5	QPSK	1	24	19.68	19.51	19.61	20.00
5	QPSK	12	0	19.72	19.48	19.59	20.00
5	QPSK	12	7	19.65	19.46	19.59	20.00
5	QPSK	12	13	19.63	19.46	19.57	20.00
5	QPSK	25	0	19.77	19.50	19.60	20.00
5	16QAM	1	0	19.88	19.73	19.85	20.00
5	16QAM	1	12	19.80	19.83	19.78	20.00
5	16QAM	1	24	19.83	19.73	19.75	20.00
5	16QAM	12	0	19.83	19.64	19.71	20.00
5	16QAM	12	7	19.70	19.54	19.60	20.00
5	16QAM	12	13	19.80	19.53	19.59	20.00
5	16QAM	25	0	19.83	19.51	19.68	20.00
5	64QAM	1	0	19.87	19.67	19.78	20.00
5	64QAM	1	12	19.75	19.52	19.54	20.00
5	64QAM	1	24	19.73	19.54	19.61	20.00
5	64QAM	12	0	19.90	19.68	19.80	20.00
5	64QAM	12	7	19.81	19.64	19.66	20.00
5	64QAM	12	13	19.81	19.55	19.71	20.00
5	64QAM	25	0	19.75	19.69	19.80	20.00
5	256QAM	1	0	19.73	19.72	19.97	20.00
5	256QAM	1	12	19.82	19.64	19.74	20.00
5	256QAM	1	24	19.73	19.65	19.86	20.00
5	256QAM	12	0	19.82	19.70	19.73	20.00
5	256QAM	12	7	19.88	19.58	19.76	20.00
5	256QAM	12	13	19.82	19.60	19.68	20.00
5	256QAM	25	0	19.78	19.68	19.73	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.11	21.15	21.10	21.50
20	QPSK	1	49	20.88	21.03	20.90	21.50
20	QPSK	1	99	20.83	20.94	20.80	21.50
20	QPSK	50	0	20.88	21.00	20.91	21.50
20	QPSK	50	24	20.93	21.05	20.91	21.50
20	QPSK	50	50	20.87	20.93	20.76	21.50
20	QPSK	100	0	20.82	20.99	20.80	21.50
20	16QAM	1	0	21.10	21.46	21.09	21.50
20	16QAM	1	49	21.11	21.21	21.10	21.50
20	16QAM	1	99	21.11	21.23	21.04	21.50
20	16QAM	50	0	21.04	21.11	20.97	21.50
20	16QAM	50	24	20.89	21.07	20.92	21.50
20	16QAM	50	50	20.85	21.00	20.84	21.50
20	16QAM	100	0	20.86	21.02	20.83	21.50
20	64QAM	1	0	21.04	21.13	21.07	21.50
20	64QAM	1	49	21.02	21.07	20.97	21.50
20	64QAM	1	99	21.10	21.15	21.05	21.50
20	64QAM	50	0	21.11	21.20	21.03	21.50
20	64QAM	50	24	21.01	21.11	20.94	21.50
20	64QAM	50	50	20.98	21.12	21.03	21.50



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20	64QAM	100	0	21.07	21.22	21.09	21.50
20	256QAM	1	0	20.86	20.96	20.80	21.50
20	256QAM	1	49	20.62	20.70	20.53	21.50
20	256QAM	1	99	20.70	20.87	20.78	21.50
20	256QAM	50	0	20.69	20.88	20.77	21.50
20	256QAM	50	24	20.74	20.81	20.63	21.50
20	256QAM	50	50	20.58	20.77	20.59	21.50
20	256QAM	100	0	20.69	20.75	20.57	21.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	21.06	21.12	20.99	21.50
15	QPSK	1	37	20.82	20.97	20.80	21.50
15	QPSK	1	74	20.74	20.90	20.67	21.50
15	QPSK	36	0	20.79	20.91	20.88	21.50
15	QPSK	36	20	20.80	20.91	20.77	21.50
15	QPSK	36	39	20.83	20.81	20.71	21.50
15	QPSK	75	0	20.78	20.97	20.77	21.50
15	16QAM	1	0	20.95	21.15	20.99	21.50
15	16QAM	1	37	21.09	21.15	21.06	21.50
15	16QAM	1	74	21.07	21.15	21.03	21.50
15	16QAM	36	0	20.97	21.07	20.86	21.50
15	16QAM	36	20	20.82	21.05	20.83	21.50
15	16QAM	36	39	20.77	20.97	20.75	21.50
15	16QAM	75	0	20.83	20.88	20.76	21.50
15	64QAM	1	0	20.92	21.06	21.03	21.50
15	64QAM	1	37	20.99	20.94	20.85	21.50
15	64QAM	1	74	20.99	21.02	20.91	21.50
15	64QAM	36	0	20.97	21.15	20.94	21.50
15	64QAM	36	20	20.98	21.03	20.90	21.50
15	64QAM	36	39	20.86	21.08	20.95	21.50
15	64QAM	75	0	21.01	21.15	21.07	21.50
15	256QAM	1	0	20.78	20.93	20.65	21.50
15	256QAM	1	37	20.56	20.64	20.38	21.50
15	256QAM	1	74	20.57	20.77	20.70	21.50
15	256QAM	36	0	20.61	20.75	20.74	21.50
15	256QAM	36	20	20.72	20.80	20.53	21.50
15	256QAM	36	39	20.52	20.64	20.47	21.50
15	256QAM	75	0	20.59	20.65	20.54	21.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.98	21.03	21.06	21.50
10	QPSK	1	25	20.84	20.95	20.79	21.50
10	QPSK	1	49	20.69	20.85	20.72	21.50
10	QPSK	25	0	20.76	20.97	20.84	21.50
10	QPSK	25	12	20.83	20.94	20.80	21.50
10	QPSK	25	25	20.84	20.82	20.74	21.50
10	QPSK	50	0	20.78	20.94	20.70	21.50
10	16QAM	1	0	21.05	21.14	21.01	21.50
10	16QAM	1	25	20.96	21.11	21.02	21.50
10	16QAM	1	49	20.98	21.12	20.97	21.50
10	16QAM	25	0	20.94	21.01	20.84	21.50
10	16QAM	25	12	20.88	20.93	20.87	21.50
10	16QAM	25	25	20.82	20.88	20.83	21.50
10	16QAM	50	0	20.81	20.95	20.76	21.50
10	64QAM	1	0	20.94	21.04	21.01	21.50
10	64QAM	1	25	20.92	21.05	20.92	21.50
10	64QAM	1	49	20.99	21.02	21.00	21.50
10	64QAM	25	0	21.04	21.11	20.88	21.50
10	64QAM	25	12	20.99	21.03	20.80	21.50
10	64QAM	25	25	20.89	21.05	20.97	21.50
10	64QAM	50	0	21.01	21.13	20.96	21.50
10	256QAM	1	0	20.83	20.94	20.72	21.50
10	256QAM	1	25	20.51	20.59	20.45	21.50
10	256QAM	1	49	20.63	20.81	20.72	21.50
10	256QAM	25	0	20.55	20.83	20.69	21.50
10	256QAM	25	12	20.66	20.70	20.58	21.50
10	256QAM	25	25	20.46	20.74	20.49	21.50
10	256QAM	50	0	20.58	20.62	20.46	21.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.05	21.11	21.01	21.50
5	QPSK	1	12	20.85	20.95	20.82	21.50
5	QPSK	1	24	20.75	20.82	20.75	21.50
5	QPSK	12	0	20.80	20.94	20.82	21.50
5	QPSK	12	7	20.88	20.92	20.78	21.50
5	QPSK	12	13	20.76	20.91	20.72	21.50
5	QPSK	25	0	20.72	20.95	20.75	21.50
5	16QAM	1	0	21.01	21.15	21.07	21.50

5	16QAM	1	12	21.06	21.14	20.97	21.50
5	16QAM	1	24	21.05	21.11	20.92	21.50
5	16QAM	12	0	20.93	21.03	20.95	21.50
5	16QAM	12	7	20.75	21.06	20.77	21.50
5	16QAM	12	13	20.82	20.90	20.69	21.50
5	16QAM	25	0	20.80	20.92	20.70	21.50
5	64QAM	1	0	20.98	21.01	20.97	21.50
5	64QAM	1	12	20.88	20.97	20.90	21.50
5	64QAM	1	24	21.01	21.05	20.98	21.50
5	64QAM	12	0	21.01	21.11	20.93	21.50
5	64QAM	12	7	20.86	21.03	20.89	21.50
5	64QAM	12	13	20.87	20.97	20.90	21.50
5	64QAM	25	0	21.00	21.15	21.00	21.50
5	256QAM	1	0	20.84	20.91	20.66	21.50
5	256QAM	1	12	20.49	20.69	20.46	21.50
5	256QAM	1	24	20.63	20.73	20.71	21.50
5	256QAM	12	0	20.62	20.74	20.75	21.50
5	256QAM	12	7	20.61	20.72	20.50	21.50
5	256QAM	12	13	20.49	20.72	20.48	21.50
5	256QAM	25	0	20.68	20.63	20.44	21.50

【LTE Band 38_HPUE_Ant 5_ECI 5】

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	19.91	19.69	19.87	20.00
20	QPSK	1	49	19.83	19.63	19.62	20.00
20	QPSK	1	99	19.77	19.61	19.69	20.00
20	QPSK	50	0	19.83	19.63	19.73	20.00
20	QPSK	50	24	19.78	19.54	19.66	20.00
20	QPSK	50	50	19.76	19.59	19.64	20.00
20	QPSK	100	0	19.80	19.59	19.70	20.00
20	16QAM	1	0	19.98	19.75	19.92	20.00
20	16QAM	1	49	19.88	19.85	19.82	20.00
20	16QAM	1	99	19.98	19.82	19.90	20.00
20	16QAM	50	0	19.88	19.71	19.81	20.00
20	16QAM	50	24	19.84	19.64	19.73	20.00
20	16QAM	50	50	19.83	19.66	19.74	20.00
20	16QAM	100	0	19.86	19.65	19.78	20.00
20	64QAM	1	0	19.95	19.70	19.84	20.00
20	64QAM	1	49	19.84	19.63	19.62	20.00
20	64QAM	1	99	19.77	19.62	19.71	20.00
20	64QAM	50	0	19.91	19.72	19.86	20.00
20	64QAM	50	24	19.88	19.68	19.77	20.00
20	64QAM	50	50	19.84	19.69	19.76	20.00
20	64QAM	100	0	19.90	19.70	19.82	20.00
20	256QAM	1	0	19.88	19.79	19.99	20.00
20	256QAM	1	49	19.93	19.76	19.77	20.00
20	256QAM	1	99	19.84	19.76	19.88	20.00
20	256QAM	50	0	19.96	19.77	19.87	20.00
20	256QAM	50	24	19.95	19.72	19.81	20.00
20	256QAM	50	50	19.89	19.73	19.79	20.00
20	256QAM	100	0	19.90	19.70	19.82	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.89	19.59	19.80	20.00
15	QPSK	1	37	19.77	19.60	19.50	20.00
15	QPSK	1	74	19.67	19.48	19.63	20.00
15	QPSK	36	0	19.79	19.50	19.61	20.00
15	QPSK	36	20	19.73	19.44	19.56	20.00
15	QPSK	36	39	19.72	19.47	19.58	20.00
15	QPSK	75	0	19.66	19.45	19.60	20.00
15	16QAM	1	0	19.89	19.66	19.78	20.00
15	16QAM	1	37	19.78	19.77	19.73	20.00
15	16QAM	1	74	19.88	19.71	19.87	20.00
15	16QAM	36	0	19.77	19.60	19.69	20.00
15	16QAM	36	20	19.71	19.49	19.60	20.00
15	16QAM	36	39	19.77	19.52	19.59	20.00
15	16QAM	75	0	19.85	19.54	19.75	20.00
15	64QAM	1	0	19.83	19.58	19.80	20.00
15	64QAM	1	37	19.80	19.50	19.61	20.00
15	64QAM	1	74	19.75	19.47	19.66	20.00

15	64QAM	36	0	19.83	19.59	19.80	20.00
15	64QAM	36	20	19.73	19.57	19.68	20.00
15	64QAM	36	39	19.79	19.63	19.61	20.00
15	64QAM	75	0	19.88	19.64	19.72	20.00
15	256QAM	1	0	19.78	19.74	19.89	20.00
15	256QAM	1	37	19.78	19.73	19.62	20.00
15	256QAM	1	74	19.78	19.61	19.85	20.00
15	256QAM	36	0	19.86	19.65	19.73	20.00
15	256QAM	36	20	19.92	19.64	19.80	20.00
15	256QAM	36	39	19.84	19.67	19.69	20.00
15	256QAM	75	0	19.78	19.64	19.71	20.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.77	19.61	19.84	20.00
10	QPSK	1	25	19.75	19.61	19.49	20.00
10	QPSK	1	49	19.71	19.47	19.60	20.00
10	QPSK	25	0	19.78	19.61	19.65	20.00
10	QPSK	25	12	19.69	19.43	19.61	20.00
10	QPSK	25	25	19.68	19.48	19.51	20.00
10	QPSK	50	0	19.69	19.56	19.58	20.00
10	16QAM	1	0	19.92	19.64	19.84	20.00
10	16QAM	1	25	19.74	19.79	19.68	20.00
10	16QAM	1	49	19.96	19.72	19.76	20.00
10	16QAM	25	0	19.80	19.63	19.69	20.00
10	16QAM	25	12	19.69	19.52	19.59	20.00
10	16QAM	25	25	19.73	19.55	19.72	20.00
10	16QAM	50	0	19.82	19.58	19.63	20.00
10	64QAM	1	0	19.94	19.61	19.77	20.00
10	64QAM	1	25	19.70	19.54	19.49	20.00
10	64QAM	1	49	19.63	19.49	19.68	20.00
10	64QAM	25	0	19.78	19.70	19.71	20.00
10	64QAM	25	12	19.77	19.64	19.73	20.00
10	64QAM	25	25	19.75	19.67	19.72	20.00
10	64QAM	50	0	19.76	19.60	19.76	20.00
10	256QAM	1	0	19.84	19.67	19.92	20.00
10	256QAM	1	25	19.90	19.63	19.74	20.00
10	256QAM	1	49	19.73	19.61	19.84	20.00
10	256QAM	25	0	19.87	19.73	19.72	20.00
10	256QAM	25	12	19.85	19.63	19.67	20.00
10	256QAM	25	25	19.79	19.70	19.77	20.00
10	256QAM	50	0	19.89	19.61	19.68	20.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	19.81	19.68	19.86	20.00
5	QPSK	1	12	19.72	19.55	19.57	20.00
5	QPSK	1	24	19.68	19.51	19.61	20.00
5	QPSK	12	0	19.72	19.48	19.59	20.00
5	QPSK	12	7	19.65	19.46	19.59	20.00
5	QPSK	12	13	19.63	19.46	19.57	20.00
5	QPSK	25	0	19.77	19.50	19.60	20.00
5	16QAM	1	0	19.88	19.73	19.85	20.00
5	16QAM	1	12	19.80	19.83	19.78	20.00
5	16QAM	1	24	19.83	19.73	19.75	20.00
5	16QAM	12	0	19.83	19.64	19.71	20.00
5	16QAM	12	7	19.70	19.54	19.60	20.00
5	16QAM	12	13	19.80	19.53	19.59	20.00
5	16QAM	25	0	19.83	19.51	19.68	20.00
5	64QAM	1	0	19.87	19.67	19.78	20.00
5	64QAM	1	12	19.75	19.52	19.54	20.00
5	64QAM	1	24	19.73	19.54	19.61	20.00
5	64QAM	12	0	19.90	19.68	19.80	20.00
5	64QAM	12	7	19.81	19.64	19.66	20.00
5	64QAM	12	13	19.81	19.55	19.71	20.00
5	64QAM	25	0	19.75	19.69	19.80	20.00
5	256QAM	1	0	19.73	19.72	19.97	20.00
5	256QAM	1	12	19.82	19.64	19.74	20.00
5	256QAM	1	24	19.73	19.65	19.86	20.00
5	256QAM	12	0	19.82	19.70	19.73	20.00
5	256QAM	12	7	19.88	19.58	19.76	20.00
5	256QAM	12	13	19.82	19.60	19.68	20.00
5	256QAM	25	0	19.78	19.68	19.73	20.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	23.99	24.06	24.19	24.02	23.77	24.90
20	QPSK	1	49	23.82	23.88	24.01	23.82	23.65	24.90
20	QPSK	1	99	24.02	24.00	24.08	23.88	23.85	24.90
20	QPSK	50	0	22.87	22.94	23.05	22.92	22.68	23.90
20	QPSK	50	24	22.81	22.88	22.95	22.83	22.65	23.90
20	QPSK	50	50	22.88	22.93	22.98	22.81	22.70	23.90
20	QPSK	100	0	22.88	22.93	23.00	22.85	22.67	23.90
20	16QAM	1	0	23.03	23.09	23.26	23.03	22.82	23.90
20	16QAM	1	49	22.92	22.97	23.07	22.90	22.72	23.90
20	16QAM	1	99	23.04	23.08	23.11	22.89	22.91	23.90
20	16QAM	50	0	21.94	22.01	22.12	21.96	21.73	22.90
20	16QAM	50	24	21.86	21.94	22.02	21.88	21.71	22.90
20	16QAM	50	50	21.93	21.97	22.04	21.85	21.78	22.90
20	16QAM	100	0	21.95	21.98	22.06	21.91	21.75	22.90
20	64QAM	1	0	21.65	21.73	21.88	21.69	21.45	22.90
20	64QAM	1	49	21.54	21.58	21.70	21.52	21.37	22.90
20	64QAM	1	99	21.72	21.71	21.79	21.56	21.56	22.90
20	64QAM	50	0	20.96	21.03	21.14	21.00	20.75	21.90
20	64QAM	50	24	20.91	20.97	21.07	20.91	20.75	21.90
20	64QAM	50	50	20.97	20.99	21.06	20.88	20.82	21.90
20	64QAM	100	0	20.99	21.03	21.10	20.94	20.79	21.90
20	256QAM	1	0	18.83	18.93	19.02	18.94	18.64	19.90
20	256QAM	1	49	18.80	18.89	18.96	18.82	18.60	19.90
20	256QAM	1	99	18.89	18.93	18.96	18.69	18.80	19.90
20	256QAM	50	0	18.99	19.10	19.16	19.06	18.79	19.90
20	256QAM	50	24	18.98	19.08	19.10	19.01	18.81	19.90
20	256QAM	50	50	19.00	19.10	19.11	18.93	18.84	19.90
20	256QAM	100	0	18.97	19.05	19.09	18.94	18.80	19.90
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	23.96	24.03	24.17	23.99	23.80	24.90
15	QPSK	1	37	23.82	23.88	23.99	23.79	23.72	24.90
15	QPSK	1	74	24.00	24.02	24.05	23.90	23.85	24.90
15	QPSK	36	0	22.79	22.87	22.96	22.83	22.65	23.90
15	QPSK	36	20	22.73	22.80	22.87	22.73	22.60	23.90
15	QPSK	36	39	22.78	22.85	22.89	22.76	22.65	23.90
15	QPSK	75	0	22.81	22.84	22.89	22.79	22.63	23.90
15	16QAM	1	0	23.00	23.07	23.20	23.03	22.80	23.90
15	16QAM	1	37	22.91	23.01	23.06	22.92	22.74	23.90
15	16QAM	1	74	22.98	23.06	23.11	22.89	22.92	23.90
15	16QAM	36	0	21.81	21.90	21.99	21.86	21.64	22.90
15	16QAM	36	20	21.76	21.84	21.90	21.78	21.63	22.90
15	16QAM	36	39	21.79	21.86	21.92	21.76	21.68	22.90
15	16QAM	75	0	21.83	21.88	21.97	21.82	21.69	22.90
15	64QAM	1	0	21.58	21.67	21.82	21.62	21.40	22.90
15	64QAM	1	37	21.44	21.53	21.66	21.51	21.36	22.90
15	64QAM	1	74	21.61	21.62	21.73	21.51	21.49	22.90
15	64QAM	36	0	20.86	20.92	21.01	20.89	20.69	21.90
15	64QAM	36	20	20.82	20.86	20.96	20.81	20.67	21.90
15	64QAM	36	39	20.83	20.91	20.96	20.79	20.72	21.90
15	64QAM	75	0	20.88	20.93	21.01	20.87	20.75	21.90
15	256QAM	1	0	18.80	18.91	18.97	18.92	18.58	19.90
15	256QAM	1	37	18.73	18.88	18.93	18.77	18.60	19.90
15	256QAM	1	74	18.80	18.88	18.96	18.76	18.77	19.90
15	256QAM	36	0	18.88	18.98	19.04	18.96	18.74	19.90
15	256QAM	36	20	18.87	18.96	19.03	18.90	18.73	19.90
15	256QAM	36	39	18.86	18.99	19.02	18.84	18.78	19.90
15	256QAM	75	0	18.92	19.00	19.06	18.92	18.77	19.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.93	24.00	24.13	23.93	23.81	24.90
10	QPSK	1	25	23.65	23.84	23.96	23.76	23.71	24.90
10	QPSK	1	49	23.90	23.96	24.05	23.85	23.88	24.90
10	QPSK	25	0	22.85	22.89	22.99	22.85	22.74	23.90
10	QPSK	25	12	22.79	22.84	22.91	22.78	22.70	23.90

10	QPSK	25	25	22.82	22.89	22.96	22.79	22.72	23.90
10	QPSK	50	0	22.78	22.87	22.93	22.79	22.68	23.90
10	16QAM	1	0	23.00	23.04	23.19	23.04	22.81	23.90
10	16QAM	1	25	22.90	22.94	23.04	22.89	22.75	23.90
10	16QAM	1	49	22.96	23.02	23.09	22.94	22.90	23.90
10	16QAM	25	0	21.84	21.93	22.01	21.88	21.72	22.90
10	16QAM	25	12	21.78	21.86	21.94	21.81	21.72	22.90
10	16QAM	25	25	21.85	21.89	21.95	21.79	21.75	22.90
10	16QAM	50	0	21.82	21.91	21.99	21.83	21.75	22.90
10	64QAM	1	0	21.56	21.60	21.76	21.61	21.44	22.90
10	64QAM	1	25	21.46	21.49	21.63	21.45	21.38	22.90
10	64QAM	1	49	21.55	21.59	21.71	21.51	21.52	22.90
10	64QAM	25	0	20.88	20.95	21.05	20.91	20.77	21.90
10	64QAM	25	12	20.85	20.91	20.99	20.86	20.78	21.90
10	64QAM	25	25	20.90	20.94	21.00	20.85	20.80	21.90
10	64QAM	50	0	20.87	20.94	21.02	20.87	20.79	21.90
10	256QAM	1	0	18.69	18.01	18.92	18.88	18.64	19.90
10	256QAM	1	25	18.82	18.88	18.90	18.74	18.66	19.90
10	256QAM	1	49	18.79	18.87	18.94	18.72	18.77	19.90
10	256QAM	25	0	18.89	19.00	19.05	18.96	18.81	19.90
10	256QAM	25	12	18.88	19.01	19.06	18.90	18.82	19.90
10	256QAM	25	25	18.92	19.00	19.06	18.86	18.83	19.90
10	256QAM	50	0	18.95	19.06	19.08	18.97	18.86	19.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.89	23.96	24.10	23.93	23.85	24.90
5	QPSK	1	12	23.84	23.90	24.03	23.81	23.78	24.90
5	QPSK	1	24	23.94	23.97	24.08	23.88	23.87	24.90
5	QPSK	12	0	22.83	22.89	22.97	22.82	22.74	23.90
5	QPSK	12	7	22.74	22.80	22.88	22.73	22.69	23.90
5	QPSK	12	13	22.78	22.86	22.93	22.77	22.75	23.90
5	QPSK	25	0	22.87	22.88	22.95	22.80	22.78	23.90
5	16QAM	1	0	22.95	23.00	23.10	22.93	22.84	23.90
5	16QAM	1	12	22.86	22.94	23.04	22.85	22.76	23.90
5	16QAM	1	24	22.97	23.00	23.09	22.88	22.87	23.90
5	16QAM	12	0	21.81	21.86	21.95	21.80	21.74	22.90
5	16QAM	12	7	21.75	21.81	21.90	21.72	21.70	22.90
5	16QAM	12	13	21.79	21.85	21.93	21.76	21.73	22.90
5	16QAM	25	0	21.84	21.91	21.98	21.82	21.79	22.90
5	64QAM	1	0	21.57	21.61	21.77	21.60	21.50	22.90
5	64QAM	1	12	21.50	21.58	21.70	21.51	21.46	22.90
5	64QAM	1	24	21.60	21.62	21.75	21.53	21.54	22.90
5	64QAM	12	0	20.92	20.95	21.07	20.89	20.85	21.90
5	64QAM	12	7	20.86	20.91	21.00	20.84	20.80	21.90
5	64QAM	12	13	20.89	20.95	21.02	20.84	20.81	21.90
5	64QAM	25	0	20.91	20.96	21.04	20.87	20.86	21.90
5	256QAM	1	0	18.79	19.20	18.88	18.76	18.72	19.90
5	256QAM	1	12	18.72	18.86	18.87	18.71	18.70	19.90
5	256QAM	1	24	18.77	18.88	18.96	18.75	18.78	19.90
5	256QAM	12	0	18.95	19.07	19.13	18.93	18.92	19.90
5	256QAM	12	7	18.91	19.04	19.09	18.88	18.89	19.90
5	256QAM	12	13	18.95	19.06	19.11	18.92	18.92	19.90
5	256QAM	25	0	18.95	19.03	19.09	18.89	18.88	19.90

【LTE Band 41 FCC (2496~2690MHz)_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	23.99	24.06	24.19	24.02	23.77	24.90
20	QPSK	1	49	23.82	23.88	24.01	23.82	23.65	24.90
20	QPSK	1	99	24.02	24.00	24.08	23.88	23.85	24.90
20	QPSK	50	0	22.87	22.94	23.05	22.92	22.68	23.90
20	QPSK	50	24	22.81	22.88	22.95	22.83	22.65	23.90
20	QPSK	50	50	22.88	22.93	22.98	22.81	22.70	23.90
20	QPSK	100	0	22.88	22.93	23.00	22.85	22.67	23.90
20	16QAM	1	0	23.03	23.09	23.26	23.03	22.82	23.90
20	16QAM	1	49	22.92	22.97	23.07	22.90	22.72	23.90
20	16QAM	1	99	23.04	23.08	23.11	22.89	22.91	23.90
20	16QAM	50	0	21.94	22.01	22.12	21.96	21.73	22.90
20	16QAM	50	24	21.86	21.94	22.02	21.88	21.71	22.90
20	16QAM	50	50	21.93	21.97	22.04	21.85	21.78	22.90
20	16QAM	100	0	21.95	21.98	22.06	21.91	21.75	22.90

20	64QAM	1	0	21.65	21.73	21.88	21.69	21.45	22.90
20	64QAM	1	49	21.54	21.58	21.70	21.52	21.37	22.90
20	64QAM	1	99	21.72	21.71	21.79	21.56	21.56	22.90
20	64QAM	50	0	20.96	21.03	21.14	21.00	20.75	21.90
20	64QAM	50	24	20.91	20.97	21.07	20.91	20.75	21.90
20	64QAM	50	50	20.97	20.99	21.06	20.88	20.82	21.90
20	64QAM	100	0	20.99	21.03	21.10	20.94	20.79	21.90
20	256QAM	1	0	18.83	18.93	19.02	18.94	18.64	19.90
20	256QAM	1	49	18.80	18.89	18.96	18.82	18.60	19.90
20	256QAM	1	99	18.89	18.93	18.96	18.69	18.80	19.90
20	256QAM	50	0	18.99	19.10	19.16	19.06	18.79	19.90
20	256QAM	50	24	18.98	19.08	19.10	19.01	18.81	19.90
20	256QAM	50	50	19.00	19.10	19.11	18.93	18.84	19.90
20	256QAM	100	0	18.97	19.05	19.09	18.94	18.80	19.90
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	23.96	24.03	24.17	23.99	23.80	24.90
15	QPSK	1	37	23.82	23.88	23.99	23.79	23.72	24.90
15	QPSK	1	74	24.00	24.02	24.05	23.90	23.85	24.90
15	QPSK	36	0	22.79	22.87	22.96	22.83	22.65	23.90
15	QPSK	36	20	22.73	22.80	22.87	22.73	22.60	23.90
15	QPSK	36	39	22.78	22.85	22.89	22.76	22.65	23.90
15	QPSK	75	0	22.81	22.84	22.89	22.79	22.63	23.90
15	16QAM	1	0	23.00	23.07	23.20	23.03	22.80	23.90
15	16QAM	1	37	22.91	23.01	23.06	22.92	22.74	23.90
15	16QAM	1	74	22.98	23.06	23.11	22.89	22.92	23.90
15	16QAM	36	0	21.81	21.90	21.99	21.86	21.64	22.90
15	16QAM	36	20	21.76	21.84	21.90	21.78	21.63	22.90
15	16QAM	36	39	21.79	21.86	21.92	21.76	21.68	22.90
15	16QAM	75	0	21.83	21.88	21.97	21.82	21.69	22.90
15	64QAM	1	0	21.58	21.67	21.82	21.62	21.40	22.90
15	64QAM	1	37	21.44	21.53	21.66	21.51	21.36	22.90
15	64QAM	1	74	21.61	21.62	21.73	21.51	21.49	22.90
15	64QAM	36	0	20.86	20.92	21.01	20.89	20.69	21.90
15	64QAM	36	20	20.82	20.86	20.96	20.81	20.67	21.90
15	64QAM	36	39	20.83	20.91	20.96	20.79	20.72	21.90
15	64QAM	75	0	20.88	20.93	21.01	20.87	20.75	21.90
15	256QAM	1	0	18.80	18.91	18.97	18.92	18.58	19.90
15	256QAM	1	37	18.73	18.88	18.93	18.77	18.60	19.90
15	256QAM	1	74	18.80	18.88	18.96	18.76	18.77	19.90
15	256QAM	36	0	18.88	18.98	19.04	18.96	18.74	19.90
15	256QAM	36	20	18.87	18.96	19.03	18.90	18.73	19.90
15	256QAM	36	39	18.86	18.99	19.02	18.84	18.78	19.90
15	256QAM	75	0	18.92	19.00	19.06	18.92	18.77	19.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.93	24.00	24.13	23.93	23.81	24.90
10	QPSK	1	25	23.65	23.84	23.96	23.76	23.71	24.90
10	QPSK	1	49	23.90	23.96	24.05	23.85	23.88	24.90
10	QPSK	25	0	22.85	22.89	22.99	22.85	22.74	23.90
10	QPSK	25	12	22.79	22.84	22.91	22.78	22.70	23.90
10	QPSK	25	25	22.82	22.89	22.96	22.79	22.72	23.90
10	QPSK	50	0	22.78	22.87	22.93	22.79	22.68	23.90
10	16QAM	1	0	23.00	23.04	23.19	23.04	22.81	23.90
10	16QAM	1	25	22.90	22.94	23.04	22.89	22.75	23.90
10	16QAM	1	49	22.96	23.02	23.09	22.94	22.90	23.90
10	16QAM	25	0	21.84	21.93	22.01	21.88	21.72	22.90
10	16QAM	25	12	21.78	21.86	21.94	21.81	21.72	22.90
10	16QAM	25	25	21.85	21.89	21.95	21.79	21.75	22.90
10	16QAM	50	0	21.82	21.91	21.99	21.83	21.75	22.90
10	64QAM	1	0	21.56	21.60	21.76	21.61	21.44	22.90
10	64QAM	1	25	21.46	21.49	21.63	21.45	21.38	22.90
10	64QAM	1	49	21.55	21.59	21.71	21.51	21.52	22.90
10	64QAM	25	0	20.88	20.95	21.05	20.91	20.77	21.90
10	64QAM	25	12	20.85	20.91	20.99	20.86	20.78	21.90
10	64QAM	25	25	20.90	20.94	21.00	20.85	20.80	21.90
10	64QAM	50	0	20.87	20.94	21.02	20.87	20.79	21.90
10	256QAM	1	0	18.69	18.01	18.92	18.88	18.64	19.90
10	256QAM	1	25	18.82	18.88	18.90	18.74	18.66	19.90
10	256QAM	1	49	18.79	18.87	18.94	18.72	18.77	19.90
10	256QAM	25	0	18.89	19.00	19.05	18.96	18.81	19.90
10	256QAM	25	12	18.88	19.01	19.06	18.90	18.82	19.90
10	256QAM	25	25	18.92	19.00	19.06	18.86	18.83	19.90
10	256QAM	50	0	18.95	19.06	19.08	18.97	18.86	19.90
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	

									(dBm)
5	QPSK	1	0	23.89	23.96	24.10	23.93	23.85	24.90
5	QPSK	1	12	23.84	23.90	24.03	23.81	23.78	24.90
5	QPSK	1	24	23.94	23.97	24.08	23.88	23.87	24.90
5	QPSK	12	0	22.83	22.89	22.97	22.82	22.74	23.90
5	QPSK	12	7	22.74	22.80	22.88	22.73	22.69	23.90
5	QPSK	12	13	22.78	22.86	22.93	22.77	22.75	23.90
5	QPSK	25	0	22.87	22.88	22.95	22.80	22.78	23.90
5	16QAM	1	0	22.95	23.00	23.10	22.93	22.84	23.90
5	16QAM	1	12	22.86	22.94	23.04	22.85	22.76	23.90
5	16QAM	1	24	22.97	23.00	23.09	22.88	22.87	23.90
5	16QAM	12	0	21.81	21.86	21.95	21.80	21.74	22.90
5	16QAM	12	7	21.75	21.81	21.90	21.72	21.70	22.90
5	16QAM	12	13	21.79	21.85	21.93	21.76	21.73	22.90
5	16QAM	25	0	21.84	21.91	21.98	21.82	21.79	22.90
5	64QAM	1	0	21.57	21.61	21.77	21.60	21.50	22.90
5	64QAM	1	12	21.50	21.58	21.70	21.51	21.46	22.90
5	64QAM	1	24	21.60	21.62	21.75	21.53	21.54	22.90
5	64QAM	12	0	20.92	20.95	21.07	20.89	20.85	21.90
5	64QAM	12	7	20.86	20.91	21.00	20.84	20.80	21.90
5	64QAM	12	13	20.89	20.95	21.02	20.84	20.81	21.90
5	64QAM	25	0	20.91	20.96	21.04	20.87	20.86	21.90
5	256QAM	1	0	18.79	19.20	18.88	18.76	18.72	19.90
5	256QAM	1	12	18.72	18.86	18.87	18.71	18.70	19.90
5	256QAM	1	24	18.77	18.88	18.96	18.75	18.78	19.90
5	256QAM	12	0	18.95	19.07	19.13	18.93	18.92	19.90
5	256QAM	12	7	18.91	19.04	19.09	18.88	18.89	19.90
5	256QAM	12	13	18.95	19.06	19.11	18.92	18.92	19.90
5	256QAM	25	0	18.95	19.03	19.09	18.89	18.88	19.90

【LTE Band 41_FCC (2496~2690MHz)_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.38	17.50	17.44	17.51	17.35	17.60
20	QPSK	1	49	17.30	17.30	17.30	17.38	17.25	17.60
20	QPSK	1	99	17.34	17.32	17.35	17.35	17.21	17.60
20	QPSK	50	0	17.37	17.41	17.35	17.47	17.38	17.60
20	QPSK	50	24	17.31	17.33	17.30	17.38	17.29	17.60
20	QPSK	50	50	17.36	17.34	17.35	17.37	17.28	17.60
20	QPSK	100	0	17.36	17.38	17.32	17.39	17.28	17.60
20	16QAM	1	0	17.44	17.56	17.57	17.53	17.42	17.60
20	16QAM	1	49	17.36	17.35	17.39	17.55	17.43	17.60
20	16QAM	1	99	17.35	17.44	17.50	17.47	17.40	17.60
20	16QAM	50	0	17.53	17.60	17.48	17.55	17.46	17.60
20	16QAM	50	24	17.48	17.51	17.50	17.44	17.44	17.60
20	16QAM	50	50	17.38	17.52	17.54	17.37	17.45	17.60
20	16QAM	100	0	17.41	17.57	17.40	17.47	17.48	17.60
20	64QAM	1	0	17.47	17.45	17.44	17.51	17.51	17.60
20	64QAM	1	49	17.30	17.34	17.50	17.57	17.25	17.60
20	64QAM	1	99	17.52	17.36	17.53	17.43	17.22	17.60
20	64QAM	50	0	17.51	17.48	17.40	17.52	17.55	17.60
20	64QAM	50	24	17.50	17.42	17.39	17.38	17.43	17.60
20	64QAM	50	50	17.50	17.35	17.51	17.53	17.35	17.60
20	64QAM	100	0	17.41	17.57	17.41	17.54	17.33	17.60
20	256QAM	1	0	17.54	17.44	17.50	17.60	17.42	17.60
20	256QAM	1	49	17.40	17.30	17.35	17.45	17.25	17.60
20	256QAM	1	99	17.42	17.41	17.44	17.43	17.29	17.60
20	256QAM	50	0	17.39	17.59	17.38	17.50	17.51	17.60
20	256QAM	50	24	17.51	17.41	17.34	17.58	17.42	17.60
20	256QAM	50	50	17.44	17.52	17.54	17.49	17.28	17.60
20	256QAM	100	0	17.45	17.43	17.43	17.48	17.32	17.60
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	17.36	17.35	17.30	17.46	17.30	17.60
15	QPSK	1	37	17.21	17.20	17.26	17.36	17.23	17.60
15	QPSK	1	74	17.27	17.30	17.30	17.20	17.20	17.60
15	QPSK	36	0	17.24	17.28	17.23	17.41	17.26	17.60
15	QPSK	36	20	17.20	17.27	17.28	17.31	17.23	17.60
15	QPSK	36	39	17.22	17.23	17.22	17.30	17.22	17.60
15	QPSK	75	0	17.25	17.31	17.22	17.32	17.21	17.60
15	16QAM	1	0	17.43	17.42	17.46	17.52	17.28	17.60
15	16QAM	1	37	17.28	17.26	17.29	17.46	17.38	17.60

15	16QAM	1	74	17.22	17.41	17.38	17.41	17.31	17.60
15	16QAM	36	0	17.49	17.52	17.47	17.51	17.32	17.60
15	16QAM	36	20	17.36	17.48	17.47	17.39	17.34	17.60
15	16QAM	36	39	17.28	17.39	17.46	17.31	17.36	17.60
15	16QAM	75	0	17.34	17.49	17.30	17.43	17.33	17.60
15	64QAM	1	0	17.33	17.34	17.39	17.49	17.41	17.60
15	64QAM	1	37	17.20	17.21	17.37	17.51	17.20	17.60
15	64QAM	1	74	17.48	17.25	17.50	17.34	17.20	17.60
15	64QAM	36	0	17.41	17.46	17.35	17.46	17.48	17.60
15	64QAM	36	20	17.45	17.29	17.28	17.33	17.42	17.60
15	64QAM	36	39	17.48	17.20	17.48	17.40	17.21	17.60
15	64QAM	75	0	17.26	17.43	17.39	17.43	17.25	17.60
15	256QAM	1	0	17.41	17.41	17.41	17.52	17.33	17.60
15	256QAM	1	37	17.34	17.20	17.28	17.40	17.20	17.60
15	256QAM	1	74	17.31	17.36	17.30	17.41	17.25	17.60
15	256QAM	36	0	17.35	17.50	17.28	17.47	17.37	17.60
15	256QAM	36	20	17.45	17.37	17.25	17.43	17.28	17.60
15	256QAM	36	39	17.34	17.41	17.47	17.42	17.20	17.60
15	256QAM	75	0	17.38	17.36	17.36	17.34	17.27	17.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.31	17.28	17.37	17.43	17.33	17.60
10	QPSK	1	25	17.21	17.21	17.20	17.28	17.20	17.60
10	QPSK	1	49	17.25	17.28	17.29	17.31	17.21	17.60
10	QPSK	25	0	17.24	17.34	17.25	17.36	17.27	17.60
10	QPSK	25	12	17.21	17.20	17.20	17.35	17.24	17.60
10	QPSK	25	25	17.29	17.20	17.32	17.30	17.21	17.60
10	QPSK	50	0	17.30	17.30	17.29	17.26	17.21	17.60
10	16QAM	1	0	17.42	17.45	17.55	17.45	17.32	17.60
10	16QAM	1	25	17.21	17.27	17.28	17.51	17.32	17.60
10	16QAM	1	49	17.22	17.30	17.48	17.46	17.29	17.60
10	16QAM	25	0	17.39	17.46	17.46	17.45	17.39	17.60
10	16QAM	25	12	17.35	17.44	17.48	17.38	17.41	17.60
10	16QAM	25	25	17.29	17.47	17.40	17.27	17.41	17.60
10	16QAM	50	0	17.38	17.46	17.31	17.43	17.40	17.60
10	64QAM	1	0	17.42	17.34	17.40	17.43	17.45	17.60
10	64QAM	1	25	17.25	17.22	17.46	17.54	17.20	17.60
10	64QAM	1	49	17.41	17.26	17.49	17.39	17.21	17.60
10	64QAM	25	0	17.48	17.34	17.29	17.45	17.41	17.60
10	64QAM	25	12	17.45	17.36	17.37	17.25	17.41	17.60
10	64QAM	25	25	17.44	17.24	17.47	17.42	17.26	17.60
10	64QAM	50	0	17.29	17.50	17.36	17.46	17.25	17.60
10	256QAM	1	0	17.48	17.34	17.36	17.53	17.30	17.60
10	256QAM	1	25	17.35	17.20	17.32	17.38	17.22	17.60
10	256QAM	1	49	17.39	17.30	17.42	17.42	17.20	17.60
10	256QAM	25	0	17.30	17.57	17.34	17.49	17.43	17.60
10	256QAM	25	12	17.37	17.34	17.31	17.50	17.35	17.60
10	256QAM	25	25	17.34	17.44	17.46	17.45	17.24	17.60
10	256QAM	50	0	17.43	17.35	17.33	17.38	17.21	17.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.27	17.30	17.32	17.42	17.33	17.60
5	QPSK	1	12	17.25	17.21	17.23	17.35	17.20	17.60
5	QPSK	1	24	17.25	17.21	17.26	17.32	17.20	17.60
5	QPSK	12	0	17.36	17.31	17.29	17.33	17.24	17.60
5	QPSK	12	7	17.23	17.25	17.21	17.34	17.21	17.60
5	QPSK	12	13	17.33	17.25	17.26	17.33	17.24	17.60
5	QPSK	25	0	17.28	17.35	17.28	17.35	17.20	17.60
5	16QAM	1	0	17.35	17.54	17.50	17.42	17.39	17.60
5	16QAM	1	12	17.30	17.23	17.31	17.53	17.33	17.60
5	16QAM	1	24	17.21	17.41	17.37	17.45	17.38	17.60
5	16QAM	12	0	17.41	17.55	17.37	17.40	17.32	17.60
5	16QAM	12	7	17.46	17.47	17.38	17.38	17.32	17.60
5	16QAM	12	13	17.28	17.39	17.41	17.27	17.41	17.60
5	16QAM	25	0	17.30	17.52	17.30	17.41	17.43	17.60
5	64QAM	1	0	17.33	17.32	17.33	17.38	17.45	17.60
5	64QAM	1	12	17.20	17.30	17.48	17.43	17.20	17.60
5	64QAM	1	24	17.51	17.28	17.42	17.38	17.20	17.60
5	64QAM	12	0	17.48	17.42	17.29	17.49	17.52	17.60
5	64QAM	12	7	17.44	17.28	17.25	17.36	17.36	17.60
5	64QAM	12	13	17.40	17.30	17.43	17.51	17.29	17.60
5	64QAM	25	0	17.31	17.52	17.30	17.43	17.27	17.60
5	256QAM	1	0	17.44	17.37	17.37	17.58	17.28	17.60
5	256QAM	1	12	17.35	17.22	17.25	17.30	17.21	17.60
5	256QAM	1	24	17.30	17.29	17.31	17.38	17.21	17.60
5	256QAM	12	0	17.35	17.49	17.27	17.40	17.36	17.60

5	256QAM	12	7	17.43	17.32	17.29	17.48	17.37	17.60
5	256QAM	12	13	17.32	17.41	17.46	17.37	17.21	17.60
5	256QAM	25	0	17.37	17.42	17.35	17.40	17.20	17.60

【LTE Band 41 _ FCC (2496~2690MHz) _ Ant 0 _ ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	20.20
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.76	18.82	18.77	18.84	18.74	20.20
20	QPSK	1	49	18.66	18.68	18.69	18.69	18.60	20.20
20	QPSK	1	99	18.70	18.63	18.72	18.72	18.56	20.20
20	QPSK	50	0	18.76	18.73	18.69	18.77	18.71	20.20
20	QPSK	50	24	18.63	18.71	18.65	18.77	18.61	20.20
20	QPSK	50	50	18.66	18.66	18.68	18.75	18.62	20.20
20	QPSK	100	0	18.72	18.74	18.67	18.75	18.63	20.20
20	16QAM	1	0	18.74	18.86	18.95	18.87	18.80	20.20
20	16QAM	1	49	18.67	18.75	18.78	18.91	18.74	20.20
20	16QAM	1	99	18.72	18.83	18.89	18.86	18.80	20.20
20	16QAM	50	0	18.83	18.96	18.88	18.89	18.81	20.20
20	16QAM	50	24	18.86	18.84	18.83	18.77	18.81	20.20
20	16QAM	50	50	18.75	18.89	18.92	18.67	18.80	20.20
20	16QAM	100	0	18.77	18.94	18.71	18.84	18.88	20.20
20	64QAM	1	0	18.78	18.83	18.84	18.85	18.88	20.20
20	64QAM	1	49	18.68	18.65	18.84	18.92	18.64	20.20
20	64QAM	1	99	18.92	18.70	18.93	18.78	18.52	20.20
20	64QAM	50	0	18.88	18.83	18.70	18.91	18.85	20.20
20	64QAM	50	24	18.80	18.77	18.70	18.71	18.77	20.20
20	64QAM	50	50	18.80	18.70	18.91	18.84	18.71	20.20
20	64QAM	100	0	18.71	18.93	18.73	18.85	18.72	20.20
20	256QAM	1	0	18.87	18.83	18.81	18.99	18.82	19.90
20	256QAM	1	49	18.70	18.67	18.73	18.83	18.61	19.90
20	256QAM	1	99	18.79	18.78	18.83	18.75	18.63	19.90
20	256QAM	50	0	18.73	18.94	18.70	18.86	18.91	19.90
20	256QAM	50	24	18.83	18.75	18.68	18.90	18.78	19.90
20	256QAM	50	50	18.76	18.84	18.90	18.82	18.60	19.90
20	256QAM	100	0	18.83	18.80	18.80	18.83	18.69	19.90
Channel				39725	40173	40620	41068	41515	20.20
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.72	18.78	18.65	18.80	18.69	20.20
15	QPSK	1	37	18.65	18.59	18.55	18.59	18.46	20.20
15	QPSK	1	74	18.61	18.54	18.66	18.68	18.47	20.20
15	QPSK	36	0	18.74	18.62	18.66	18.70	18.57	20.20
15	QPSK	36	20	18.55	18.61	18.58	18.71	18.53	20.20
15	QPSK	36	39	18.54	18.65	18.63	18.67	18.54	20.20
15	QPSK	75	0	18.61	18.68	18.63	18.67	18.50	20.20
15	16QAM	1	0	18.71	18.71	18.75	18.80	18.66	20.20
15	16QAM	1	37	18.63	18.67	18.68	18.84	18.66	20.20
15	16QAM	1	74	18.62	18.71	18.75	18.83	18.74	20.20
15	16QAM	36	0	18.75	18.81	18.76	18.84	18.69	20.20
15	16QAM	36	20	18.75	18.71	18.72	18.73	18.66	20.20
15	16QAM	36	39	18.70	18.77	18.77	18.65	18.65	20.20
15	16QAM	75	0	18.69	18.82	18.61	18.77	18.73	20.20
15	64QAM	1	0	18.72	18.73	18.71	18.78	18.73	20.20
15	64QAM	1	37	18.65	18.59	18.77	18.80	18.59	20.20
15	64QAM	1	74	18.75	18.62	18.77	18.73	18.46	20.20
15	64QAM	36	0	18.76	18.79	18.66	18.83	18.73	20.20
15	64QAM	36	20	18.76	18.67	18.66	18.63	18.73	20.20
15	64QAM	36	39	18.76	18.56	18.77	18.80	18.67	20.20
15	64QAM	75	0	18.65	18.79	18.66	18.80	18.59	20.20
15	256QAM	1	0	18.76	18.69	18.71	18.84	18.73	19.90
15	256QAM	1	37	18.65	18.66	18.66	18.74	18.49	19.90
15	256QAM	1	74	18.76	18.72	18.72	18.68	18.58	19.90
15	256QAM	36	0	18.66	18.81	18.63	18.79	18.74	19.90
15	256QAM	36	20	18.69	18.71	18.65	18.82	18.68	19.90
15	256QAM	36	39	18.68	18.79	18.75	18.78	18.58	19.90
15	256QAM	75	0	18.76	18.77	18.77	18.79	18.65	19.90
Channel				39700	40160	40620	41080	41540	20.20
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.66	18.77	18.68	18.76	18.64	20.20
10	QPSK	1	25	18.53	18.64	18.60	18.65	18.50	20.20
10	QPSK	1	49	18.62	18.56	18.70	18.67	18.51	20.20
10	QPSK	25	0	18.70	18.58	18.59	18.68	18.60	20.20

10	QPSK	25	12	18.58	18.56	18.63	18.74	18.60	20.20
10	QPSK	25	25	18.55	18.54	18.54	18.69	18.56	20.20
10	QPSK	50	0	18.59	18.70	18.58	18.74	18.61	20.20
10	16QAM	1	0	18.62	18.77	18.77	18.84	18.71	20.20
10	16QAM	1	25	18.58	18.60	18.72	18.79	18.66	20.20
10	16QAM	1	49	18.70	18.69	18.76	18.79	18.74	20.20
10	16QAM	25	0	18.75	18.82	18.77	18.80	18.72	20.20
10	16QAM	25	12	18.75	18.77	18.69	18.72	18.74	20.20
10	16QAM	25	25	18.70	18.82	18.77	18.53	18.66	20.20
10	16QAM	50	0	18.71	18.82	18.62	18.70	18.72	20.20
10	64QAM	1	0	18.74	18.74	18.76	18.76	18.74	20.20
10	64QAM	1	25	18.62	18.62	18.77	18.80	18.55	20.20
10	64QAM	1	49	18.74	18.68	18.75	18.69	18.49	20.20
10	64QAM	25	0	18.75	18.72	18.67	18.82	18.74	20.20
10	64QAM	25	12	18.76	18.74	18.59	18.61	18.74	20.20
10	64QAM	25	25	18.73	18.65	18.76	18.75	18.60	20.20
10	64QAM	50	0	18.68	18.82	18.60	18.70	18.64	20.20
10	256QAM	1	0	18.76	18.72	18.76	18.84	18.74	19.90
10	256QAM	1	25	18.63	18.55	18.68	18.74	18.55	19.90
10	256QAM	1	49	18.70	18.66	18.69	18.61	18.53	19.90
10	256QAM	25	0	18.62	18.81	18.68	18.77	18.72	19.90
10	256QAM	25	12	18.68	18.64	18.56	18.83	18.74	19.90
10	256QAM	25	25	18.66	18.70	18.75	18.76	18.47	19.90
10	256QAM	50	0	18.69	18.74	18.75	18.82	18.61	19.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.72	18.68	18.66	18.71	18.61	20.20
5	QPSK	1	12	18.58	18.53	18.56	18.55	18.47	20.20
5	QPSK	1	24	18.59	18.60	18.68	18.58	18.43	20.20
5	QPSK	12	0	18.63	18.71	18.60	18.75	18.66	20.20
5	QPSK	12	7	18.52	18.60	18.59	18.63	18.57	20.20
5	QPSK	12	13	18.63	18.56	18.64	18.68	18.49	20.20
5	QPSK	25	0	18.66	18.68	18.60	18.66	18.60	20.20
5	16QAM	1	0	18.64	18.73	18.77	18.84	18.69	20.20
5	16QAM	1	12	18.61	18.63	18.75	18.76	18.63	20.20
5	16QAM	1	24	18.59	18.80	18.75	18.74	18.72	20.20
5	16QAM	12	0	18.75	18.82	18.75	18.81	18.74	20.20
5	16QAM	12	7	18.74	18.80	18.77	18.63	18.69	20.20
5	16QAM	12	13	18.68	18.79	18.76	18.59	18.70	20.20
5	16QAM	25	0	18.76	18.82	18.69	18.73	18.73	20.20
5	64QAM	1	0	18.75	18.74	18.77	18.71	18.74	20.20
5	64QAM	1	12	18.59	18.59	18.77	18.80	18.58	20.20
5	64QAM	1	24	18.76	18.65	18.75	18.63	18.49	20.20
5	64QAM	12	0	18.76	18.69	18.68	18.84	18.74	20.20
5	64QAM	12	7	18.71	18.73	18.58	18.63	18.70	20.20
5	64QAM	12	13	18.69	18.63	18.76	18.73	18.64	20.20
5	64QAM	25	0	18.63	18.82	18.64	18.78	18.61	20.20
5	256QAM	1	0	18.76	18.73	18.70	18.83	18.74	19.90
5	256QAM	1	12	18.56	18.55	18.70	18.82	18.55	19.90
5	256QAM	1	24	18.73	18.71	18.75	18.63	18.56	19.90
5	256QAM	12	0	18.64	18.80	18.64	18.80	18.74	19.90
5	256QAM	12	7	18.76	18.71	18.59	18.78	18.74	19.90
5	256QAM	12	13	18.71	18.81	18.77	18.72	18.52	19.90
5	256QAM	25	0	18.73	18.69	18.65	18.75	18.57	19.90

【LTE Band 41_FCC (2496~2690MHz)_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	17.38	17.50	17.44	17.51	17.35	17.60
20	QPSK	1	49	17.30	17.30	17.30	17.38	17.25	17.60
20	QPSK	1	99	17.34	17.32	17.35	17.35	17.21	17.60
20	QPSK	50	0	17.37	17.41	17.35	17.47	17.38	17.60
20	QPSK	50	24	17.31	17.33	17.30	17.38	17.29	17.60
20	QPSK	50	50	17.36	17.34	17.35	17.37	17.28	17.60
20	QPSK	100	0	17.36	17.38	17.32	17.39	17.28	17.60
20	16QAM	1	0	17.44	17.56	17.57	17.53	17.42	17.60
20	16QAM	1	49	17.36	17.35	17.39	17.55	17.43	17.60
20	16QAM	1	99	17.35	17.44	17.50	17.47	17.40	17.60
20	16QAM	50	0	17.53	17.60	17.48	17.55	17.46	17.60
20	16QAM	50	24	17.48	17.51	17.50	17.44	17.44	17.60
20	16QAM	50	50	17.38	17.52	17.54	17.37	17.45	17.60
20	16QAM	100	0	17.41	17.57	17.40	17.47	17.48	17.60

20	64QAM	1	0	17.47	17.45	17.44	17.51	17.51	17.60
20	64QAM	1	49	17.30	17.34	17.50	17.57	17.25	17.60
20	64QAM	1	99	17.52	17.36	17.53	17.43	17.22	17.60
20	64QAM	50	0	17.51	17.48	17.40	17.52	17.55	17.60
20	64QAM	50	24	17.50	17.42	17.39	17.38	17.43	17.60
20	64QAM	50	50	17.50	17.35	17.51	17.53	17.35	17.60
20	64QAM	100	0	17.41	17.57	17.41	17.54	17.33	17.60
20	256QAM	1	0	17.54	17.44	17.50	17.60	17.42	17.60
20	256QAM	1	49	17.40	17.30	17.35	17.45	17.25	17.60
20	256QAM	1	99	17.42	17.41	17.44	17.43	17.29	17.60
20	256QAM	50	0	17.39	17.59	17.38	17.50	17.51	17.60
20	256QAM	50	24	17.51	17.41	17.34	17.58	17.42	17.60
20	256QAM	50	50	17.44	17.52	17.54	17.49	17.28	17.60
20	256QAM	100	0	17.45	17.43	17.43	17.48	17.32	17.60
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	17.36	17.35	17.30	17.46	17.30	17.60
15	QPSK	1	37	17.21	17.20	17.26	17.36	17.23	17.60
15	QPSK	1	74	17.27	17.30	17.30	17.20	17.20	17.60
15	QPSK	36	0	17.24	17.28	17.23	17.41	17.26	17.60
15	QPSK	36	20	17.20	17.27	17.28	17.31	17.23	17.60
15	QPSK	36	39	17.22	17.23	17.22	17.30	17.22	17.60
15	QPSK	75	0	17.25	17.31	17.22	17.32	17.21	17.60
15	16QAM	1	0	17.43	17.42	17.46	17.52	17.28	17.60
15	16QAM	1	37	17.28	17.26	17.29	17.46	17.38	17.60
15	16QAM	1	74	17.22	17.41	17.38	17.41	17.31	17.60
15	16QAM	36	0	17.49	17.52	17.47	17.51	17.32	17.60
15	16QAM	36	20	17.36	17.48	17.47	17.39	17.34	17.60
15	16QAM	36	39	17.28	17.39	17.46	17.31	17.36	17.60
15	16QAM	75	0	17.34	17.49	17.30	17.43	17.33	17.60
15	64QAM	1	0	17.33	17.34	17.39	17.49	17.41	17.60
15	64QAM	1	37	17.20	17.21	17.37	17.51	17.20	17.60
15	64QAM	1	74	17.48	17.25	17.50	17.34	17.20	17.60
15	64QAM	36	0	17.41	17.46	17.35	17.46	17.48	17.60
15	64QAM	36	20	17.45	17.29	17.28	17.33	17.42	17.60
15	64QAM	36	39	17.48	17.20	17.48	17.40	17.21	17.60
15	64QAM	75	0	17.26	17.43	17.39	17.43	17.25	17.60
15	256QAM	1	0	17.41	17.41	17.41	17.52	17.33	17.60
15	256QAM	1	37	17.34	17.20	17.28	17.40	17.20	17.60
15	256QAM	1	74	17.31	17.36	17.30	17.41	17.25	17.60
15	256QAM	36	0	17.35	17.50	17.28	17.47	17.37	17.60
15	256QAM	36	20	17.45	17.37	17.25	17.43	17.28	17.60
15	256QAM	36	39	17.34	17.41	17.47	17.42	17.20	17.60
15	256QAM	75	0	17.38	17.36	17.36	17.34	17.27	17.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.31	17.28	17.37	17.43	17.33	17.60
10	QPSK	1	25	17.21	17.21	17.20	17.28	17.20	17.60
10	QPSK	1	49	17.25	17.28	17.29	17.31	17.21	17.60
10	QPSK	25	0	17.24	17.34	17.25	17.36	17.27	17.60
10	QPSK	25	12	17.21	17.20	17.20	17.35	17.24	17.60
10	QPSK	25	25	17.29	17.20	17.32	17.30	17.21	17.60
10	QPSK	50	0	17.30	17.30	17.29	17.26	17.21	17.60
10	16QAM	1	0	17.42	17.45	17.55	17.45	17.32	17.60
10	16QAM	1	25	17.21	17.27	17.28	17.51	17.32	17.60
10	16QAM	1	49	17.22	17.30	17.48	17.46	17.29	17.60
10	16QAM	25	0	17.39	17.46	17.46	17.45	17.39	17.60
10	16QAM	25	12	17.35	17.44	17.48	17.38	17.41	17.60
10	16QAM	25	25	17.29	17.47	17.40	17.27	17.41	17.60
10	16QAM	50	0	17.38	17.46	17.31	17.43	17.40	17.60
10	64QAM	1	0	17.42	17.34	17.40	17.43	17.45	17.60
10	64QAM	1	25	17.25	17.22	17.46	17.54	17.20	17.60
10	64QAM	1	49	17.41	17.26	17.49	17.39	17.21	17.60
10	64QAM	25	0	17.48	17.34	17.29	17.45	17.41	17.60
10	64QAM	25	12	17.45	17.36	17.37	17.25	17.41	17.60
10	64QAM	25	25	17.44	17.24	17.47	17.42	17.26	17.60
10	64QAM	50	0	17.29	17.50	17.36	17.46	17.25	17.60
10	256QAM	1	0	17.48	17.34	17.36	17.53	17.30	17.60
10	256QAM	1	25	17.35	17.20	17.32	17.38	17.22	17.60
10	256QAM	1	49	17.39	17.30	17.42	17.42	17.20	17.60
10	256QAM	25	0	17.30	17.57	17.34	17.49	17.43	17.60
10	256QAM	25	12	17.37	17.34	17.31	17.50	17.35	17.60
10	256QAM	25	25	17.34	17.44	17.46	17.45	17.24	17.60
10	256QAM	50	0	17.43	17.35	17.33	17.38	17.21	17.60
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	

									(dBm)
5	QPSK	1	0	17.27	17.30	17.32	17.42	17.33	17.60
5	QPSK	1	12	17.25	17.21	17.23	17.35	17.20	17.60
5	QPSK	1	24	17.25	17.21	17.26	17.32	17.20	17.60
5	QPSK	12	0	17.36	17.31	17.29	17.33	17.24	17.60
5	QPSK	12	7	17.23	17.25	17.21	17.34	17.21	17.60
5	QPSK	12	13	17.33	17.25	17.26	17.33	17.24	17.60
5	QPSK	25	0	17.28	17.35	17.28	17.35	17.20	17.60
5	16QAM	1	0	17.35	17.54	17.50	17.42	17.39	17.60
5	16QAM	1	12	17.30	17.23	17.31	17.53	17.33	17.60
5	16QAM	1	24	17.21	17.41	17.37	17.45	17.38	17.60
5	16QAM	12	0	17.41	17.55	17.37	17.40	17.32	17.60
5	16QAM	12	7	17.46	17.47	17.38	17.38	17.32	17.60
5	16QAM	12	13	17.28	17.39	17.41	17.27	17.41	17.60
5	16QAM	25	0	17.30	17.52	17.30	17.41	17.43	17.60
5	64QAM	1	0	17.33	17.32	17.33	17.38	17.45	17.60
5	64QAM	1	12	17.20	17.30	17.48	17.43	17.20	17.60
5	64QAM	1	24	17.51	17.28	17.42	17.38	17.20	17.60
5	64QAM	12	0	17.48	17.42	17.29	17.49	17.52	17.60
5	64QAM	12	7	17.44	17.28	17.25	17.36	17.36	17.60
5	64QAM	12	13	17.40	17.30	17.43	17.51	17.29	17.60
5	64QAM	25	0	17.31	17.52	17.30	17.43	17.27	17.60
5	256QAM	1	0	17.44	17.37	17.37	17.58	17.28	17.60
5	256QAM	1	12	17.35	17.22	17.25	17.30	17.21	17.60
5	256QAM	1	24	17.30	17.29	17.31	17.38	17.21	17.60
5	256QAM	12	0	17.35	17.49	17.27	17.40	17.36	17.60
5	256QAM	12	7	17.43	17.32	17.29	17.48	17.37	17.60
5	256QAM	12	13	17.32	17.41	17.46	17.37	17.21	17.60
5	256QAM	25	0	17.37	17.42	17.35	17.40	17.20	17.60

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.77	25.84	26.01	25.79	25.56	26.90
20	QPSK	1	49	25.70	25.76	25.88	25.68	25.54	26.90
20	QPSK	1	99	25.76	25.78	25.88	25.68	25.68	26.90
20	QPSK	50	0	24.72	24.80	24.91	24.77	24.55	25.90
20	QPSK	50	24	24.67	24.75	24.81	24.68	24.50	25.90
20	QPSK	50	50	24.74	24.76	24.84	24.68	24.57	25.90
20	QPSK	100	0	24.72	24.76	24.89	24.74	24.55	25.90
20	16QAM	1	0	24.98	25.04	25.24	25.02	24.79	25.90
20	16QAM	1	49	24.84	24.93	25.04	24.87	24.70	25.90
20	16QAM	1	99	25.00	25.00	25.06	24.84	24.87	25.90
20	16QAM	50	0	23.79	23.85	24.00	23.85	23.62	24.90
20	16QAM	50	24	23.74	23.77	23.91	23.75	23.60	24.90
20	16QAM	50	50	23.83	23.83	23.90	23.72	23.66	24.90
20	16QAM	100	0	23.80	23.84	23.92	23.78	23.61	24.90
20	64QAM	1	0	23.81	23.89	24.02	23.82	23.59	24.90
20	64QAM	1	49	23.65	23.74	23.84	23.66	23.48	24.90
20	64QAM	1	99	23.81	23.85	23.89	23.68	23.71	24.90
20	64QAM	50	0	22.78	22.86	23.00	22.87	22.63	23.90
20	64QAM	50	24	22.76	22.81	22.91	22.77	22.60	23.90
20	64QAM	50	50	22.80	22.83	22.90	22.73	22.66	23.90
20	64QAM	100	0	22.81	22.87	22.95	22.83	22.64	23.90
20	256QAM	1	0	20.89	20.93	21.11	20.91	20.67	21.90
20	256QAM	1	49	20.75	20.79	20.91	20.76	20.56	21.90
20	256QAM	1	99	20.92	20.88	20.97	20.79	20.77	21.90
20	256QAM	50	0	20.84	20.90	21.05	20.90	20.68	21.90
20	256QAM	50	24	20.82	20.88	20.96	20.82	20.65	21.90
20	256QAM	50	50	20.84	20.89	20.95	20.79	20.70	21.90
20	256QAM	100	0	20.81	20.86	20.97	20.83	20.66	21.90
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	25.81	25.89	26.03	25.84	25.63	26.90
15	QPSK	1	37	25.75	25.81	25.93	25.74	25.63	26.90
15	QPSK	1	74	25.80	25.87	25.90	25.73	25.74	26.90
15	QPSK	36	0	24.65	24.78	24.86	24.72	24.53	25.90
15	QPSK	36	20	24.61	24.68	24.76	24.63	24.51	25.90
15	QPSK	36	39	24.67	24.72	24.79	24.66	24.54	25.90
15	QPSK	75	0	24.69	24.73	24.81	24.69	24.54	25.90

15	16QAM	1	0	24.97	25.08	25.22	25.06	24.81	25.90
15	16QAM	1	37	24.90	24.98	25.10	24.96	24.77	25.90
15	16QAM	1	74	25.03	25.04	25.13	24.95	24.92	25.90
15	16QAM	36	0	23.71	23.78	23.88	23.76	23.55	24.90
15	16QAM	36	20	23.63	23.75	23.82	23.67	23.55	24.90
15	16QAM	36	39	23.68	23.75	23.82	23.67	23.59	24.90
15	16QAM	75	0	23.71	23.74	23.87	23.71	23.56	24.90
15	64QAM	1	0	23.73	23.84	23.97	23.77	23.55	24.90
15	64QAM	1	37	23.63	23.67	23.82	23.64	23.49	24.90
15	64QAM	1	74	23.72	23.78	23.85	23.65	23.63	24.90
15	64QAM	36	0	22.72	22.80	22.89	22.78	22.59	23.90
15	64QAM	36	20	22.69	22.75	22.85	22.69	22.57	23.90
15	64QAM	36	39	22.72	22.77	22.84	22.69	22.60	23.90
15	64QAM	75	0	22.75	22.79	22.89	22.76	22.60	23.90
15	256QAM	1	0	20.82	20.91	21.05	20.89	20.64	21.90
15	256QAM	1	37	20.72	20.77	20.90	20.76	20.58	21.90
15	256QAM	1	74	20.86	20.89	20.96	20.80	20.74	21.90
15	256QAM	36	0	20.73	20.81	20.95	20.81	20.62	21.90
15	256QAM	36	20	20.70	20.77	20.88	20.73	20.60	21.90
15	256QAM	36	39	20.73	20.79	20.89	20.72	20.64	21.90
15	256QAM	75	0	20.77	20.84	20.91	20.77	20.64	21.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	25.89	26.04	25.83	25.68	26.90
10	QPSK	1	25	25.76	25.78	25.91	25.72	25.65	26.90
10	QPSK	1	49	25.78	25.83	25.95	25.74	25.76	26.90
10	QPSK	25	0	24.73	24.80	24.91	24.76	24.64	25.90
10	QPSK	25	12	24.67	24.74	24.84	24.67	24.61	25.90
10	QPSK	25	25	24.73	24.79	24.88	24.70	24.65	25.90
10	QPSK	50	0	24.68	24.75	24.86	24.71	24.60	25.90
10	16QAM	1	0	24.98	25.08	25.22	25.10	24.87	25.90
10	16QAM	1	25	24.90	24.94	25.07	24.92	24.81	25.90
10	16QAM	1	49	25.00	25.03	25.17	24.99	24.94	25.90
10	16QAM	25	0	23.73	23.82	23.94	23.79	23.67	24.90
10	16QAM	25	12	23.69	23.78	23.88	23.73	23.64	24.90
10	16QAM	25	25	23.75	23.83	23.90	23.71	23.66	24.90
10	16QAM	50	0	23.76	23.81	23.93	23.75	23.70	24.90
10	64QAM	1	0	23.75	23.81	23.95	23.74	23.58	24.90
10	64QAM	1	25	23.65	23.68	23.80	23.62	23.55	24.90
10	64QAM	1	49	23.71	23.75	23.87	23.66	23.65	24.90
10	64QAM	25	0	22.80	22.88	22.98	22.83	22.70	23.90
10	64QAM	25	12	22.76	22.86	22.92	22.79	22.69	23.90
10	64QAM	25	25	22.83	22.88	22.94	22.78	22.71	23.90
10	64QAM	50	0	22.77	22.84	22.93	22.77	22.69	23.90
10	256QAM	1	0	20.86	20.92	21.02	20.89	20.69	21.90
10	256QAM	1	25	20.75	20.76	20.88	20.72	20.61	21.90
10	256QAM	1	49	20.85	20.87	20.97	20.80	20.79	21.90
10	256QAM	25	0	20.79	20.86	20.96	20.82	20.69	21.90
10	256QAM	25	12	20.76	20.82	20.92	20.75	20.70	21.90
10	256QAM	25	25	20.80	20.87	20.94	20.76	20.74	21.90
10	256QAM	50	0	20.81	20.89	20.99	20.83	20.74	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.79	25.87	25.97	25.78	25.68	26.90
5	QPSK	1	12	25.74	25.82	25.93	25.70	25.69	26.90
5	QPSK	1	24	25.78	25.86	25.98	25.73	25.75	26.90
5	QPSK	12	0	24.73	24.77	24.89	24.72	24.66	25.90
5	QPSK	12	7	24.64	24.71	24.78	24.61	24.60	25.90
5	QPSK	12	13	24.68	24.76	24.85	24.66	24.62	25.90
5	QPSK	25	0	24.74	24.78	24.88	24.70	24.69	25.90
5	16QAM	1	0	24.98	25.00	25.18	24.98	24.86	25.90
5	16QAM	1	12	24.84	24.89	25.04	24.84	24.76	25.90
5	16QAM	1	24	24.97	25.02	25.12	24.96	24.90	25.90
5	16QAM	12	0	23.77	23.85	23.95	23.76	23.72	24.90
5	16QAM	12	7	23.71	23.79	23.88	23.70	23.68	24.90
5	16QAM	12	13	23.75	23.82	23.90	23.72	23.70	24.90
5	16QAM	25	0	23.76	23.83	23.89	23.75	23.70	24.90
5	64QAM	1	0	23.76	23.83	23.93	23.73	23.65	24.90
5	64QAM	1	12	23.71	23.79	23.88	23.67	23.60	24.90
5	64QAM	1	24	23.74	23.82	23.92	23.69	23.66	24.90
5	64QAM	12	0	22.81	22.89	22.98	22.82	22.74	23.90
5	64QAM	12	7	22.77	22.82	22.93	22.74	22.72	23.90
5	64QAM	12	13	22.79	22.87	22.93	22.76	22.74	23.90
5	64QAM	25	0	22.83	22.89	22.96	22.80	22.76	23.90
5	256QAM	1	0	20.84	20.87	20.98	20.81	20.72	21.90
5	256QAM	1	12	20.73	20.80	20.89	20.74	20.66	21.90

5	256QAM	1	24	20.82	20.88	20.95	20.80	20.76	21.90
5	256QAM	12	0	20.85	20.92	21.01	20.85	20.79	21.90
5	256QAM	12	7	20.83	20.89	20.95	20.79	20.76	21.90
5	256QAM	12	13	20.85	20.92	20.99	20.82	20.77	21.90
5	256QAM	25	0	20.82	20.85	20.95	20.76	20.76	21.90

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.77	25.84	26.01	25.79	25.56	26.90
20	QPSK	1	49	25.70	25.76	25.88	25.68	25.54	26.90
20	QPSK	1	99	25.76	25.78	25.88	25.68	25.68	26.90
20	QPSK	50	0	24.72	24.80	24.91	24.77	24.55	25.90
20	QPSK	50	24	24.67	24.75	24.81	24.68	24.50	25.90
20	QPSK	50	50	24.74	24.76	24.84	24.68	24.57	25.90
20	QPSK	100	0	24.72	24.76	24.89	24.74	24.55	25.90
20	16QAM	1	0	24.98	25.04	25.24	25.02	24.79	25.90
20	16QAM	1	49	24.84	24.93	25.04	24.87	24.70	25.90
20	16QAM	1	99	25.00	25.00	25.06	24.84	24.87	25.90
20	16QAM	50	0	23.79	23.85	24.00	23.85	23.62	24.90
20	16QAM	50	24	23.74	23.77	23.91	23.75	23.60	24.90
20	16QAM	50	50	23.83	23.83	23.90	23.72	23.66	24.90
20	16QAM	100	0	23.80	23.84	23.92	23.78	23.61	24.90
20	64QAM	1	0	23.81	23.89	24.02	23.82	23.59	24.90
20	64QAM	1	49	23.65	23.74	23.84	23.66	23.48	24.90
20	64QAM	1	99	23.81	23.85	23.89	23.68	23.71	24.90
20	64QAM	50	0	22.78	22.86	23.00	22.87	22.63	23.90
20	64QAM	50	24	22.76	22.81	22.91	22.77	22.60	23.90
20	64QAM	50	50	22.80	22.83	22.90	22.73	22.66	23.90
20	64QAM	100	0	22.81	22.87	22.95	22.83	22.64	23.90
20	256QAM	1	0	20.89	20.93	21.11	20.91	20.67	21.90
20	256QAM	1	49	20.75	20.79	20.91	20.76	20.56	21.90
20	256QAM	1	99	20.92	20.88	20.97	20.79	20.77	21.90
20	256QAM	50	0	20.84	20.90	21.05	20.90	20.68	21.90
20	256QAM	50	24	20.82	20.88	20.96	20.82	20.65	21.90
20	256QAM	50	50	20.84	20.89	20.95	20.79	20.70	21.90
20	256QAM	100	0	20.81	20.86	20.97	20.83	20.66	21.90
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	25.81	25.89	26.03	25.84	25.63	26.90
15	QPSK	1	37	25.75	25.81	25.93	25.74	25.63	26.90
15	QPSK	1	74	25.80	25.87	25.90	25.73	25.74	26.90
15	QPSK	36	0	24.65	24.78	24.86	24.72	24.53	25.90
15	QPSK	36	20	24.61	24.68	24.76	24.63	24.51	25.90
15	QPSK	36	39	24.67	24.72	24.79	24.66	24.54	25.90
15	QPSK	75	0	24.69	24.73	24.81	24.69	24.54	25.90
15	16QAM	1	0	24.97	25.08	25.22	25.06	24.81	25.90
15	16QAM	1	37	24.90	24.98	25.10	24.96	24.77	25.90
15	16QAM	1	74	25.03	25.04	25.13	24.95	24.92	25.90
15	16QAM	36	0	23.71	23.78	23.88	23.76	23.55	24.90
15	16QAM	36	20	23.63	23.75	23.82	23.67	23.55	24.90
15	16QAM	36	39	23.68	23.75	23.82	23.67	23.59	24.90
15	16QAM	75	0	23.71	23.74	23.87	23.71	23.56	24.90
15	64QAM	1	0	23.73	23.84	23.97	23.77	23.55	24.90
15	64QAM	1	37	23.63	23.67	23.82	23.64	23.49	24.90
15	64QAM	1	74	23.72	23.78	23.85	23.65	23.63	24.90
15	64QAM	36	0	22.72	22.80	22.89	22.78	22.59	23.90
15	64QAM	36	20	22.69	22.75	22.85	22.69	22.57	23.90
15	64QAM	36	39	22.72	22.77	22.84	22.69	22.60	23.90
15	64QAM	75	0	22.75	22.79	22.89	22.76	22.60	23.90
15	256QAM	1	0	20.82	20.91	21.05	20.89	20.64	21.90
15	256QAM	1	37	20.72	20.77	20.90	20.76	20.58	21.90
15	256QAM	1	74	20.86	20.89	20.96	20.80	20.74	21.90
15	256QAM	36	0	20.73	20.81	20.95	20.81	20.62	21.90
15	256QAM	36	20	20.70	20.77	20.88	20.73	20.60	21.90
15	256QAM	36	39	20.73	20.79	20.89	20.72	20.64	21.90
15	256QAM	75	0	20.77	20.84	20.91	20.77	20.64	21.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	25.89	26.04	25.83	25.68	26.90
10	QPSK	1	25	25.76	25.78	25.91	25.72	25.65	26.90

10	QPSK	1	49	25.78	25.83	25.95	25.74	25.76	26.90
10	QPSK	25	0	24.73	24.80	24.91	24.76	24.64	25.90
10	QPSK	25	12	24.67	24.74	24.84	24.67	24.61	25.90
10	QPSK	25	25	24.73	24.79	24.88	24.70	24.65	25.90
10	QPSK	50	0	24.68	24.75	24.86	24.71	24.60	25.90
10	16QAM	1	0	24.98	25.08	25.22	25.10	24.87	25.90
10	16QAM	1	25	24.90	24.94	25.07	24.92	24.81	25.90
10	16QAM	1	49	25.00	25.03	25.17	24.99	24.94	25.90
10	16QAM	25	0	23.73	23.82	23.94	23.79	23.67	24.90
10	16QAM	25	12	23.69	23.78	23.88	23.73	23.64	24.90
10	16QAM	25	25	23.75	23.83	23.90	23.71	23.66	24.90
10	16QAM	50	0	23.76	23.81	23.93	23.75	23.70	24.90
10	64QAM	1	0	23.75	23.81	23.95	23.74	23.58	24.90
10	64QAM	1	25	23.65	23.68	23.80	23.62	23.55	24.90
10	64QAM	1	49	23.71	23.75	23.87	23.66	23.65	24.90
10	64QAM	25	0	22.80	22.88	22.98	22.83	22.70	23.90
10	64QAM	25	12	22.76	22.86	22.92	22.79	22.69	23.90
10	64QAM	25	25	22.83	22.88	22.94	22.78	22.71	23.90
10	64QAM	50	0	22.77	22.84	22.93	22.77	22.69	23.90
10	256QAM	1	0	20.86	20.92	21.02	20.89	20.69	21.90
10	256QAM	1	25	20.75	20.76	20.88	20.72	20.61	21.90
10	256QAM	1	49	20.85	20.87	20.97	20.80	20.79	21.90
10	256QAM	25	0	20.79	20.86	20.96	20.82	20.69	21.90
10	256QAM	25	12	20.76	20.82	20.92	20.75	20.70	21.90
10	256QAM	25	25	20.80	20.87	20.94	20.76	20.74	21.90
10	256QAM	50	0	20.81	20.89	20.99	20.83	20.74	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.79	25.87	25.97	25.78	25.68	26.90
5	QPSK	1	12	25.74	25.82	25.93	25.70	25.69	26.90
5	QPSK	1	24	25.78	25.86	25.98	25.73	25.75	26.90
5	QPSK	12	0	24.73	24.77	24.89	24.72	24.66	25.90
5	QPSK	12	7	24.64	24.71	24.78	24.61	24.60	25.90
5	QPSK	12	13	24.68	24.76	24.85	24.66	24.62	25.90
5	QPSK	25	0	24.74	24.78	24.88	24.70	24.69	25.90
5	16QAM	1	0	24.98	25.00	25.18	24.98	24.86	25.90
5	16QAM	1	12	24.84	24.89	25.04	24.84	24.76	25.90
5	16QAM	1	24	24.97	25.02	25.12	24.96	24.90	25.90
5	16QAM	12	0	23.77	23.85	23.95	23.76	23.72	24.90
5	16QAM	12	7	23.71	23.79	23.88	23.70	23.68	24.90
5	16QAM	12	13	23.75	23.82	23.90	23.72	23.70	24.90
5	16QAM	25	0	23.76	23.83	23.89	23.75	23.70	24.90
5	64QAM	1	0	23.76	23.83	23.93	23.73	23.65	24.90
5	64QAM	1	12	23.71	23.79	23.88	23.67	23.60	24.90
5	64QAM	1	24	23.74	23.82	23.92	23.69	23.66	24.90
5	64QAM	12	0	22.81	22.89	22.98	22.82	22.74	23.90
5	64QAM	12	7	22.77	22.82	22.93	22.74	22.72	23.90
5	64QAM	12	13	22.79	22.87	22.93	22.76	22.74	23.90
5	64QAM	25	0	22.83	22.89	22.96	22.80	22.76	23.90
5	256QAM	1	0	20.84	20.87	20.98	20.81	20.72	21.90
5	256QAM	1	12	20.73	20.80	20.89	20.74	20.66	21.90
5	256QAM	1	24	20.82	20.88	20.95	20.80	20.76	21.90
5	256QAM	12	0	20.85	20.92	21.01	20.85	20.79	21.90
5	256QAM	12	7	20.83	20.89	20.95	20.79	20.76	21.90
5	256QAM	12	13	20.85	20.92	20.99	20.82	20.77	21.90
5	256QAM	25	0	20.82	20.85	20.95	20.76	20.76	21.90

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	18.94	18.99	19.10	18.93	18.74	19.20
20	QPSK	1	49	18.82	18.92	18.95	18.88	18.71	19.20
20	QPSK	1	99	18.95	18.92	18.94	18.78	18.90	19.20
20	QPSK	50	0	18.84	18.92	18.98	18.93	18.66	19.20
20	QPSK	50	24	18.79	18.87	18.87	18.84	18.67	19.20
20	QPSK	50	50	18.84	18.91	18.91	18.81	18.74	19.20
20	QPSK	100	0	18.88	18.88	18.91	18.86	18.71	19.20
20	16QAM	1	0	19.11	19.18	19.20	19.20	18.98	19.20
20	16QAM	1	49	18.99	19.10	19.16	19.06	18.89	19.20
20	16QAM	1	99	19.11	19.14	19.17	19.00	19.05	19.20
20	16QAM	50	0	18.92	18.99	19.03	19.01	18.72	19.20
20	16QAM	50	24	18.87	18.92	18.95	18.92	18.77	19.20

20	16QAM	50	50	18.93	18.98	18.99	18.88	18.84	19.20
20	16QAM	100	0	18.92	18.95	18.97	18.91	18.79	19.20
20	64QAM	1	0	18.90	19.01	19.04	19.04	18.75	19.20
20	64QAM	1	49	18.83	18.95	18.95	18.90	18.69	19.20
20	64QAM	1	99	18.94	18.94	19.00	18.87	18.90	19.20
20	64QAM	50	0	18.93	19.05	19.06	19.03	18.75	19.20
20	64QAM	50	24	18.91	18.97	18.99	18.96	18.79	19.20
20	64QAM	50	50	18.93	19.04	19.02	18.89	18.86	19.20
20	64QAM	100	0	18.97	19.01	19.02	18.96	18.82	19.20
20	256QAM	1	0	18.97	19.03	19.09	19.09	18.81	19.20
20	256QAM	1	49	18.90	18.97	19.03	18.97	18.77	19.20
20	256QAM	1	99	19.00	19.00	19.05	18.87	19.00	19.20
20	256QAM	50	0	18.98	19.06	19.11	19.09	18.81	19.20
20	256QAM	50	24	18.96	19.02	19.05	19.03	18.85	19.20
20	256QAM	50	50	18.98	19.04	19.07	18.96	18.91	19.20
20	256QAM	100	0	18.95	19.01	19.03	18.97	18.84	19.20
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	18.80	18.89	18.96	18.90	18.67	19.20
15	QPSK	1	37	18.76	18.80	18.91	18.77	18.62	19.20
15	QPSK	1	74	18.80	18.82	18.85	18.74	18.74	19.20
15	QPSK	36	0	18.83	18.84	18.93	18.79	18.63	19.20
15	QPSK	36	20	18.71	18.76	18.81	18.78	18.63	19.20
15	QPSK	36	39	18.80	18.77	18.85	18.67	18.65	19.20
15	QPSK	75	0	18.85	18.77	18.79	18.80	18.65	19.20
15	16QAM	1	0	18.93	18.99	19.03	18.93	18.74	19.20
15	16QAM	1	37	18.94	18.98	19.04	18.91	18.74	19.20
15	16QAM	1	74	18.94	18.99	19.04	18.92	18.74	19.20
15	16QAM	36	0	18.87	18.98	18.92	18.92	18.65	19.20
15	16QAM	36	20	18.78	18.82	18.88	18.82	18.70	19.20
15	16QAM	36	39	18.84	18.87	18.97	18.73	18.74	19.20
15	16QAM	75	0	18.87	18.82	18.87	18.84	18.70	19.20
15	64QAM	1	0	18.78	18.92	18.95	18.93	18.67	19.20
15	64QAM	1	37	18.81	18.90	18.90	18.83	18.62	19.20
15	64QAM	1	74	18.84	18.83	18.94	18.86	18.72	19.20
15	64QAM	36	0	18.86	18.99	18.93	18.92	18.67	19.20
15	64QAM	36	20	18.77	18.95	18.95	18.87	18.69	19.20
15	64QAM	36	39	18.83	18.97	18.90	18.80	18.74	19.20
15	64QAM	75	0	18.91	18.86	18.88	18.81	18.70	19.20
15	256QAM	1	0	18.91	18.88	18.99	18.92	18.74	19.20
15	256QAM	1	37	18.79	18.86	19.01	18.85	18.74	19.20
15	256QAM	1	74	18.92	18.92	18.99	18.74	18.73	19.20
15	256QAM	36	0	18.92	18.96	19.03	18.93	18.69	19.20
15	256QAM	36	20	18.93	18.98	18.94	18.92	18.72	19.20
15	256QAM	36	39	18.86	18.96	19.00	18.87	18.74	19.20
15	256QAM	75	0	18.83	18.99	18.97	18.91	18.74	19.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.91	18.96	18.91	18.83	18.67	19.20
10	QPSK	1	25	18.74	18.88	18.89	18.74	18.66	19.20
10	QPSK	1	49	18.85	18.87	18.86	18.73	18.72	19.20
10	QPSK	25	0	18.72	18.84	18.88	18.80	18.62	19.20
10	QPSK	25	12	18.73	18.79	18.82	18.82	18.63	19.20
10	QPSK	25	25	18.79	18.79	18.88	18.68	18.69	19.20
10	QPSK	50	0	18.77	18.77	18.88	18.75	18.60	19.20
10	16QAM	1	0	18.94	18.98	19.02	18.92	18.74	19.20
10	16QAM	1	25	18.85	18.96	19.03	18.92	18.74	19.20
10	16QAM	1	49	18.94	18.99	19.03	18.91	18.74	19.20
10	16QAM	25	0	18.88	18.96	18.97	18.90	18.69	19.20
10	16QAM	25	12	18.86	18.80	18.83	18.91	18.68	19.20
10	16QAM	25	25	18.92	18.90	18.87	18.82	18.74	19.20
10	16QAM	50	0	18.90	18.90	18.88	18.83	18.73	19.20
10	64QAM	1	0	18.85	18.98	18.97	18.93	18.65	19.20
10	64QAM	1	25	18.78	18.82	18.82	18.78	18.61	19.20
10	64QAM	1	49	18.89	18.89	18.98	18.85	18.74	19.20
10	64QAM	25	0	18.86	18.92	18.98	18.92	18.61	19.20
10	64QAM	25	12	18.76	18.86	18.98	18.88	18.72	19.20
10	64QAM	25	25	18.83	18.94	18.90	18.74	18.72	19.20
10	64QAM	50	0	18.88	18.89	18.99	18.83	18.69	19.20
10	256QAM	1	0	18.84	18.94	19.04	18.93	18.68	19.20
10	256QAM	1	25	18.87	18.85	18.92	18.93	18.64	19.20
10	256QAM	1	49	18.89	18.90	18.97	18.73	18.74	19.20
10	256QAM	25	0	18.88	18.95	19.03	18.92	18.67	19.20
10	256QAM	25	12	18.83	18.91	18.91	18.92	18.72	19.20
10	256QAM	25	25	18.87	18.93	18.93	18.86	18.74	19.20
10	256QAM	50	0	18.88	18.88	18.99	18.92	18.69	19.20

Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.83	18.87	18.96	18.85	18.67	19.20
5	QPSK	1	12	18.67	18.79	18.83	18.78	18.60	19.20
5	QPSK	1	24	18.92	18.77	18.80	18.77	18.73	19.20
5	QPSK	12	0	18.83	18.78	18.86	18.86	18.60	19.20
5	QPSK	12	7	18.78	18.73	18.74	18.72	18.62	19.20
5	QPSK	12	13	18.80	18.77	18.79	18.72	18.66	19.20
5	QPSK	25	0	18.74	18.81	18.85	18.83	18.60	19.20
5	16QAM	1	0	18.93	18.99	19.04	18.92	18.73	19.20
5	16QAM	1	12	18.87	18.97	19.04	18.93	18.74	19.20
5	16QAM	1	24	18.94	18.99	19.04	18.93	18.72	19.20
5	16QAM	12	0	18.81	18.94	18.93	18.92	18.67	19.20
5	16QAM	12	7	18.83	18.90	18.81	18.82	18.69	19.20
5	16QAM	12	13	18.89	18.97	18.92	18.79	18.70	19.20
5	16QAM	25	0	18.86	18.82	18.90	18.88	18.65	19.20
5	64QAM	1	0	18.77	18.90	18.92	18.89	18.67	19.20
5	64QAM	1	12	18.71	18.94	18.93	18.80	18.60	19.20
5	64QAM	1	24	18.88	18.91	18.89	18.85	18.73	19.20
5	64QAM	12	0	18.78	18.98	18.98	18.91	18.72	19.20
5	64QAM	12	7	18.80	18.85	18.93	18.87	18.73	19.20
5	64QAM	12	13	18.80	18.98	18.91	18.81	18.74	19.20
5	64QAM	25	0	18.90	18.95	18.89	18.93	18.72	19.20
5	256QAM	1	0	18.92	18.99	18.96	18.92	18.73	19.20
5	256QAM	1	12	18.80	18.96	18.90	18.91	18.63	19.20
5	256QAM	1	24	18.86	18.88	18.94	18.73	18.74	19.20
5	256QAM	12	0	18.94	18.99	19.03	18.93	18.70	19.20
5	256QAM	12	7	18.94	18.99	18.98	18.92	18.74	19.20
5	256QAM	12	13	18.90	18.99	19.02	18.84	18.74	19.20
5	256QAM	25	0	18.84	18.96	18.96	18.87	18.72	19.20

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	20.43	20.42	20.58	20.37	20.22	21.80
20	QPSK	1	49	20.23	20.39	20.38	20.31	20.20	21.80
20	QPSK	1	99	20.35	20.33	20.44	20.28	20.34	21.80
20	QPSK	50	0	20.34	20.37	20.41	20.34	20.10	21.80
20	QPSK	50	24	20.19	20.33	20.34	20.24	20.08	21.80
20	QPSK	50	50	20.29	20.36	20.39	20.21	20.22	21.80
20	QPSK	100	0	20.29	20.28	20.34	20.31	20.13	21.80
20	16QAM	1	0	20.58	20.65	20.68	20.69	20.42	21.80
20	16QAM	1	49	20.49	20.55	20.61	20.56	20.35	21.80
20	16QAM	1	99	20.53	20.57	20.65	20.50	20.47	21.80
20	16QAM	50	0	20.37	20.44	20.44	20.44	20.20	21.80
20	16QAM	50	24	20.30	20.33	20.35	20.38	20.27	21.80
20	16QAM	50	50	20.42	20.40	20.49	20.36	20.24	21.80
20	16QAM	100	0	20.42	20.40	20.44	20.40	20.29	21.80
20	64QAM	1	0	20.40	20.47	20.51	20.47	20.21	21.80
20	64QAM	1	49	20.30	20.43	20.43	20.36	20.11	21.80
20	64QAM	1	99	20.38	20.36	20.48	20.33	20.31	21.80
20	64QAM	50	0	20.34	20.50	20.56	20.48	20.17	21.80
20	64QAM	50	24	20.36	20.41	20.39	20.41	20.28	21.80
20	64QAM	50	50	20.41	20.53	20.52	20.32	20.34	21.80
20	64QAM	100	0	20.46	20.51	20.44	20.45	20.32	21.80
20	256QAM	1	0	20.39	20.49	20.52	20.56	20.31	21.80
20	256QAM	1	49	20.35	20.46	20.43	20.45	20.23	21.80
20	256QAM	1	99	20.46	20.43	20.55	20.36	20.43	21.80
20	256QAM	50	0	20.44	20.54	20.55	20.57	20.23	21.80
20	256QAM	50	24	20.39	20.52	20.45	20.44	20.27	21.80
20	256QAM	50	50	20.39	20.53	20.54	20.42	20.33	21.80
20	256QAM	100	0	20.38	20.49	20.52	20.40	20.26	21.80
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	20.33	20.28	20.52	20.30	20.07	21.80
15	QPSK	1	37	20.10	20.25	20.28	20.20	20.08	21.80
15	QPSK	1	74	20.31	20.31	20.31	20.17	20.19	21.80
15	QPSK	36	0	20.31	20.27	20.28	20.29	19.98	21.80
15	QPSK	36	20	20.17	20.21	20.24	20.17	19.99	21.80
15	QPSK	36	39	20.17	20.23	20.33	20.10	20.17	21.80
15	QPSK	75	0	20.20	20.23	20.28	20.19	20.11	21.80

15	16QAM	1	0	20.43	20.41	20.58	20.36	20.22	21.80
15	16QAM	1	37	20.38	20.41	20.58	20.37	20.22	21.80
15	16QAM	1	74	20.41	20.41	20.58	20.37	20.22	21.80
15	16QAM	36	0	20.28	20.36	20.30	20.37	20.06	21.80
15	16QAM	36	20	20.22	20.21	20.23	20.35	20.21	21.80
15	16QAM	36	39	20.33	20.26	20.37	20.25	20.10	21.80
15	16QAM	75	0	20.29	20.28	20.35	20.35	20.18	21.80
15	64QAM	1	0	20.25	20.42	20.37	20.34	20.07	21.80
15	64QAM	1	37	20.27	20.32	20.33	20.33	20.08	21.80
15	64QAM	1	74	20.34	20.29	20.39	20.19	20.21	21.80
15	64QAM	36	0	20.24	20.41	20.54	20.37	20.03	21.80
15	64QAM	36	20	20.25	20.34	20.28	20.35	20.22	21.80
15	64QAM	36	39	20.31	20.40	20.45	20.26	20.22	21.80
15	64QAM	75	0	20.35	20.37	20.41	20.37	20.22	21.80
15	256QAM	1	0	20.32	20.40	20.49	20.37	20.22	21.80
15	256QAM	1	37	20.24	20.37	20.34	20.36	20.14	21.80
15	256QAM	1	74	20.32	20.34	20.40	20.25	20.21	21.80
15	256QAM	36	0	20.31	20.40	20.48	20.37	20.18	21.80
15	256QAM	36	20	20.31	20.42	20.36	20.37	20.22	21.80
15	256QAM	36	39	20.30	20.42	20.51	20.35	20.19	21.80
15	256QAM	75	0	20.24	20.37	20.39	20.32	20.12	21.80
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.35	20.34	20.52	20.31	20.12	21.80
10	QPSK	1	25	20.21	20.26	20.33	20.26	20.13	21.80
10	QPSK	1	49	20.27	20.23	20.41	20.20	20.21	21.80
10	QPSK	25	0	20.32	20.35	20.28	20.26	20.06	21.80
10	QPSK	25	12	20.06	20.31	20.31	20.18	19.99	21.80
10	QPSK	25	25	20.21	20.31	20.29	20.15	20.14	21.80
10	QPSK	50	0	20.26	20.26	20.33	20.19	20.05	21.80
10	16QAM	1	0	20.43	20.41	20.58	20.37	20.21	21.80
10	16QAM	1	25	20.36	20.41	20.47	20.37	20.20	21.80
10	16QAM	1	49	20.41	20.42	20.58	20.36	20.22	21.80
10	16QAM	25	0	20.24	20.42	20.38	20.36	20.06	21.80
10	16QAM	25	12	20.23	20.22	20.23	20.25	20.22	21.80
10	16QAM	25	25	20.38	20.31	20.44	20.31	20.16	21.80
10	16QAM	50	0	20.39	20.34	20.37	20.26	20.21	21.80
10	64QAM	1	0	20.36	20.38	20.38	20.34	20.19	21.80
10	64QAM	1	25	20.26	20.39	20.37	20.22	20.08	21.80
10	64QAM	1	49	20.27	20.25	20.47	20.21	20.22	21.80
10	64QAM	25	0	20.29	20.42	20.46	20.37	20.10	21.80
10	64QAM	25	12	20.33	20.29	20.25	20.26	20.15	21.80
10	64QAM	25	25	20.30	20.41	20.48	20.19	20.22	21.80
10	64QAM	50	0	20.32	20.41	20.38	20.35	20.20	21.80
10	256QAM	1	0	20.36	20.42	20.37	20.36	20.22	21.80
10	256QAM	1	25	20.33	20.37	20.40	20.32	20.08	21.80
10	256QAM	1	49	20.32	20.29	20.47	20.28	20.20	21.80
10	256QAM	25	0	20.41	20.42	20.40	20.36	20.22	21.80
10	256QAM	25	12	20.28	20.42	20.40	20.35	20.22	21.80
10	256QAM	25	25	20.31	20.42	20.49	20.36	20.20	21.80
10	256QAM	50	0	20.35	20.40	20.50	20.28	20.20	21.80
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.38	20.32	20.52	20.30	20.10	21.80
5	QPSK	1	12	20.11	20.34	20.33	20.28	20.12	21.80
5	QPSK	1	24	20.27	20.25	20.36	20.19	20.22	21.80
5	QPSK	12	0	20.23	20.23	20.32	20.24	19.95	21.80
5	QPSK	12	7	20.04	20.31	20.28	20.10	19.94	21.80
5	QPSK	12	13	20.22	20.23	20.37	20.12	20.17	21.80
5	QPSK	25	0	20.17	20.21	20.32	20.18	20.07	21.80
5	16QAM	1	0	20.42	20.42	20.58	20.36	20.21	21.80
5	16QAM	1	12	20.43	20.42	20.58	20.37	20.22	21.80
5	16QAM	1	24	20.43	20.42	20.53	20.36	20.21	21.80
5	16QAM	12	0	20.27	20.40	20.35	20.37	20.13	21.80
5	16QAM	12	7	20.27	20.22	20.28	20.29	20.21	21.80
5	16QAM	12	13	20.31	20.25	20.42	20.27	20.11	21.80
5	16QAM	25	0	20.28	20.37	20.43	20.35	20.18	21.80
5	64QAM	1	0	20.29	20.33	20.43	20.36	20.15	21.80
5	64QAM	1	12	20.17	20.37	20.42	20.34	19.97	21.80
5	64QAM	1	24	20.37	20.31	20.34	20.29	20.22	21.80
5	64QAM	12	0	20.25	20.42	20.52	20.37	20.15	21.80
5	64QAM	12	7	20.23	20.31	20.35	20.31	20.15	21.80
5	64QAM	12	13	20.36	20.42	20.40	20.19	20.22	21.80
5	64QAM	25	0	20.43	20.40	20.39	20.37	20.20	21.80
5	256QAM	1	0	20.31	20.40	20.39	20.37	20.19	21.80
5	256QAM	1	12	20.29	20.32	20.40	20.34	20.11	21.80

5	256QAM	1	24	20.35	20.30	20.43	20.24	20.22	21.80
5	256QAM	12	0	20.40	20.41	20.54	20.37	20.16	21.80
5	256QAM	12	7	20.28	20.41	20.40	20.36	20.20	21.80
5	256QAM	12	13	20.33	20.42	20.42	20.34	20.20	21.80
5	256QAM	25	0	20.25	20.38	20.39	20.27	20.12	21.80

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.94	18.99	19.10	18.93	18.74	19.20
20	QPSK	1	49	18.82	18.92	18.95	18.88	18.71	19.20
20	QPSK	1	99	18.95	18.92	18.94	18.78	18.90	19.20
20	QPSK	50	0	18.84	18.92	18.98	18.93	18.66	19.20
20	QPSK	50	24	18.79	18.87	18.87	18.84	18.67	19.20
20	QPSK	50	50	18.84	18.91	18.91	18.81	18.74	19.20
20	QPSK	100	0	18.88	18.88	18.91	18.86	18.71	19.20
20	16QAM	1	0	19.11	19.18	19.20	19.20	18.98	19.20
20	16QAM	1	49	18.99	19.10	19.16	19.06	18.89	19.20
20	16QAM	1	99	19.11	19.14	19.17	19.00	19.05	19.20
20	16QAM	50	0	18.92	18.99	19.03	19.01	18.72	19.20
20	16QAM	50	24	18.87	18.92	18.95	18.92	18.77	19.20
20	16QAM	50	50	18.93	18.98	18.99	18.88	18.84	19.20
20	16QAM	100	0	18.92	18.95	18.97	18.91	18.79	19.20
20	64QAM	1	0	18.90	19.01	19.04	19.04	18.75	19.20
20	64QAM	1	49	18.83	18.95	18.95	18.90	18.69	19.20
20	64QAM	1	99	18.94	18.94	19.00	18.87	18.90	19.20
20	64QAM	50	0	18.93	19.05	19.06	19.03	18.75	19.20
20	64QAM	50	24	18.91	18.97	18.99	18.96	18.79	19.20
20	64QAM	50	50	18.93	19.04	19.02	18.89	18.86	19.20
20	64QAM	100	0	18.97	19.01	19.02	18.96	18.82	19.20
20	256QAM	1	0	18.97	19.03	19.09	19.09	18.81	19.20
20	256QAM	1	49	18.90	18.97	19.03	18.97	18.77	19.20
20	256QAM	1	99	19.00	19.00	19.05	18.87	19.00	19.20
20	256QAM	50	0	18.98	19.06	19.11	19.09	18.81	19.20
20	256QAM	50	24	18.96	19.02	19.05	19.03	18.85	19.20
20	256QAM	50	50	18.98	19.04	19.07	18.96	18.91	19.20
20	256QAM	100	0	18.95	19.01	19.03	18.97	18.84	19.20
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	18.80	18.89	18.96	18.90	18.67	19.20
15	QPSK	1	37	18.76	18.80	18.91	18.77	18.62	19.20
15	QPSK	1	74	18.80	18.82	18.85	18.74	18.74	19.20
15	QPSK	36	0	18.83	18.84	18.93	18.79	18.63	19.20
15	QPSK	36	20	18.71	18.76	18.81	18.78	18.63	19.20
15	QPSK	36	39	18.80	18.77	18.85	18.67	18.65	19.20
15	QPSK	75	0	18.85	18.77	18.79	18.80	18.65	19.20
15	16QAM	1	0	18.93	18.99	19.03	18.93	18.74	19.20
15	16QAM	1	37	18.94	18.98	19.04	18.91	18.74	19.20
15	16QAM	1	74	18.94	18.99	19.04	18.92	18.74	19.20
15	16QAM	36	0	18.87	18.98	18.92	18.92	18.65	19.20
15	16QAM	36	20	18.78	18.82	18.88	18.82	18.70	19.20
15	16QAM	36	39	18.84	18.87	18.97	18.73	18.74	19.20
15	16QAM	75	0	18.87	18.82	18.87	18.84	18.70	19.20
15	64QAM	1	0	18.78	18.92	18.95	18.93	18.67	19.20
15	64QAM	1	37	18.81	18.90	18.90	18.83	18.62	19.20
15	64QAM	1	74	18.84	18.83	18.94	18.86	18.72	19.20
15	64QAM	36	0	18.86	18.99	18.93	18.92	18.67	19.20
15	64QAM	36	20	18.77	18.95	18.95	18.87	18.69	19.20
15	64QAM	36	39	18.83	18.97	18.90	18.80	18.74	19.20
15	64QAM	75	0	18.91	18.86	18.88	18.81	18.70	19.20
15	256QAM	1	0	18.91	18.88	18.99	18.92	18.74	19.20
15	256QAM	1	37	18.79	18.86	19.01	18.85	18.74	19.20
15	256QAM	1	74	18.92	18.92	18.99	18.74	18.73	19.20
15	256QAM	36	0	18.92	18.96	19.03	18.93	18.69	19.20
15	256QAM	36	20	18.93	18.98	18.94	18.92	18.72	19.20
15	256QAM	36	39	18.86	18.96	19.00	18.87	18.74	19.20
15	256QAM	75	0	18.83	18.99	18.97	18.91	18.74	19.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.91	18.96	18.91	18.83	18.67	19.20
10	QPSK	1	25	18.74	18.88	18.89	18.74	18.66	19.20

10	QPSK	1	49	18.85	18.87	18.86	18.73	18.72	19.20
10	QPSK	25	0	18.72	18.84	18.88	18.80	18.62	19.20
10	QPSK	25	12	18.73	18.79	18.82	18.82	18.63	19.20
10	QPSK	25	25	18.79	18.79	18.88	18.68	18.69	19.20
10	QPSK	50	0	18.77	18.77	18.88	18.75	18.60	19.20
10	16QAM	1	0	18.94	18.98	19.02	18.92	18.74	19.20
10	16QAM	1	25	18.85	18.96	19.03	18.92	18.74	19.20
10	16QAM	1	49	18.94	18.99	19.03	18.91	18.74	19.20
10	16QAM	25	0	18.88	18.96	18.97	18.90	18.69	19.20
10	16QAM	25	12	18.86	18.80	18.83	18.91	18.68	19.20
10	16QAM	25	25	18.92	18.90	18.87	18.82	18.74	19.20
10	16QAM	50	0	18.90	18.90	18.88	18.83	18.73	19.20
10	64QAM	1	0	18.85	18.98	18.97	18.93	18.65	19.20
10	64QAM	1	25	18.78	18.82	18.82	18.78	18.61	19.20
10	64QAM	1	49	18.89	18.89	18.98	18.85	18.74	19.20
10	64QAM	25	0	18.86	18.92	18.98	18.92	18.61	19.20
10	64QAM	25	12	18.76	18.86	18.98	18.88	18.72	19.20
10	64QAM	25	25	18.83	18.94	18.90	18.74	18.72	19.20
10	64QAM	50	0	18.88	18.89	18.99	18.83	18.69	19.20
10	256QAM	1	0	18.84	18.94	19.04	18.93	18.68	19.20
10	256QAM	1	25	18.87	18.85	18.92	18.93	18.64	19.20
10	256QAM	1	49	18.89	18.90	18.97	18.73	18.74	19.20
10	256QAM	25	0	18.88	18.95	19.03	18.92	18.67	19.20
10	256QAM	25	12	18.83	18.91	18.91	18.92	18.72	19.20
10	256QAM	25	25	18.87	18.93	18.93	18.86	18.74	19.20
10	256QAM	50	0	18.88	18.88	18.99	18.92	18.69	19.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.83	18.87	18.96	18.85	18.67	19.20
5	QPSK	1	12	18.67	18.79	18.83	18.78	18.60	19.20
5	QPSK	1	24	18.92	18.77	18.80	18.77	18.73	19.20
5	QPSK	12	0	18.83	18.78	18.86	18.86	18.60	19.20
5	QPSK	12	7	18.78	18.73	18.74	18.72	18.62	19.20
5	QPSK	12	13	18.80	18.77	18.79	18.72	18.66	19.20
5	QPSK	25	0	18.74	18.81	18.85	18.83	18.60	19.20
5	16QAM	1	0	18.93	18.99	19.04	18.92	18.73	19.20
5	16QAM	1	12	18.87	18.97	19.04	18.93	18.74	19.20
5	16QAM	1	24	18.94	18.99	19.04	18.93	18.72	19.20
5	16QAM	12	0	18.81	18.94	18.93	18.92	18.67	19.20
5	16QAM	12	7	18.83	18.90	18.81	18.82	18.69	19.20
5	16QAM	12	13	18.89	18.97	18.92	18.79	18.70	19.20
5	16QAM	25	0	18.86	18.82	18.90	18.88	18.65	19.20
5	64QAM	1	0	18.77	18.90	18.92	18.89	18.67	19.20
5	64QAM	1	12	18.71	18.94	18.93	18.80	18.60	19.20
5	64QAM	1	24	18.88	18.91	18.89	18.85	18.73	19.20
5	64QAM	12	0	18.78	18.98	18.98	18.91	18.72	19.20
5	64QAM	12	7	18.80	18.85	18.93	18.87	18.73	19.20
5	64QAM	12	13	18.80	18.98	18.91	18.81	18.74	19.20
5	64QAM	25	0	18.90	18.95	18.89	18.93	18.72	19.20
5	256QAM	1	0	18.92	18.99	18.96	18.92	18.73	19.20
5	256QAM	1	12	18.80	18.96	18.90	18.91	18.63	19.20
5	256QAM	1	24	18.86	18.88	18.94	18.73	18.74	19.20
5	256QAM	12	0	18.94	18.99	19.03	18.93	18.70	19.20
5	256QAM	12	7	18.94	18.99	18.98	18.92	18.74	19.20
5	256QAM	12	13	18.90	18.99	19.02	18.84	18.74	19.20
5	256QAM	25	0	18.84	18.96	18.96	18.87	18.72	19.20

【LTE Band 41_FCC (2496~2690MHz)_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	18.39	18.32	18.39	18.33	18.33	20.10
20	QPSK	1	49	18.33	18.30	18.35	18.25	18.23	20.10
20	QPSK	1	99	18.33	18.30	18.33	18.21	18.20	20.10
20	QPSK	50	0	18.38	18.32	18.40	18.23	18.22	20.10
20	QPSK	50	24	18.32	18.24	18.25	18.22	18.21	20.10
20	QPSK	50	50	18.30	18.29	18.27	18.22	18.19	20.10
20	QPSK	100	0	18.30	18.26	18.31	18.25	18.23	20.10
20	16QAM	1	0	18.65	18.49	18.61	18.58	18.47	20.10
20	16QAM	1	49	18.57	18.47	18.52	18.46	18.42	20.10
20	16QAM	1	99	18.52	18.52	18.47	18.47	18.39	20.10

20	16QAM	50	0	18.58	18.48	18.49	18.51	18.44	20.10
20	16QAM	50	24	18.52	18.41	18.41	18.44	18.40	20.10
20	16QAM	50	50	18.50	18.44	18.40	18.42	18.41	20.10
20	16QAM	100	0	18.55	18.43	18.44	18.43	18.41	20.10
20	64QAM	1	0	18.22	18.17	18.23	18.25	18.26	20.10
20	64QAM	1	49	18.31	18.23	18.23	18.26	18.24	20.10
20	64QAM	1	99	18.26	18.13	18.29	18.23	18.23	20.10
20	64QAM	50	0	18.63	18.50	18.53	18.55	18.46	20.10
20	64QAM	50	24	18.56	18.45	18.46	18.49	18.45	20.10
20	64QAM	50	50	18.53	18.48	18.44	18.44	18.45	20.10
20	64QAM	100	0	18.61	18.48	18.48	18.47	18.45	20.10
20	256QAM	1	0	18.32	18.27	18.43	18.38	18.30	20.00
20	256QAM	1	49	18.38	18.27	18.32	18.32	18.23	20.00
20	256QAM	1	99	18.34	18.34	18.31	18.31	18.24	20.00
20	256QAM	50	0	18.60	18.55	18.58	18.64	18.51	20.00
20	256QAM	50	24	18.65	18.51	18.52	18.59	18.49	20.00
20	256QAM	50	50	18.53	18.56	18.49	18.54	18.49	20.00
20	256QAM	100	0	18.67	18.48	18.48	18.51	18.44	20.00
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	18.26	18.24	18.29	18.20	18.30	20.10
15	QPSK	1	37	18.23	18.27	18.21	18.19	18.12	20.10
15	QPSK	1	74	18.28	18.19	18.20	18.10	18.10	20.10
15	QPSK	36	0	18.35	18.25	18.37	18.16	18.11	20.10
15	QPSK	36	20	18.26	18.12	18.22	18.20	18.13	20.10
15	QPSK	36	39	18.16	18.15	18.26	18.17	18.13	20.10
15	QPSK	75	0	18.22	18.19	18.23	18.21	18.16	20.10
15	16QAM	1	0	18.59	18.38	18.51	18.52	18.38	20.10
15	16QAM	1	37	18.45	18.40	18.46	18.33	18.32	20.10
15	16QAM	1	74	18.50	18.48	18.33	18.37	18.34	20.10
15	16QAM	36	0	18.45	18.40	18.40	18.38	18.40	20.10
15	16QAM	36	20	18.44	18.33	18.27	18.37	18.25	20.10
15	16QAM	36	39	18.44	18.36	18.34	18.32	18.26	20.10
15	16QAM	75	0	18.47	18.30	18.36	18.41	18.30	20.10
15	64QAM	1	0	18.15	18.15	18.17	18.14	18.21	20.10
15	64QAM	1	37	18.18	18.18	18.20	18.25	18.21	20.10
15	64QAM	1	74	18.22	18.11	18.21	18.11	18.16	20.10
15	64QAM	36	0	18.53	18.37	18.48	18.51	18.36	20.10
15	64QAM	36	20	18.49	18.33	18.35	18.47	18.35	20.10
15	64QAM	36	39	18.38	18.41	18.36	18.38	18.42	20.10
15	64QAM	75	0	18.49	18.45	18.36	18.34	18.38	20.10
15	256QAM	1	0	18.18	18.25	18.38	18.29	18.17	20.00
15	256QAM	1	37	18.36	18.15	18.29	18.29	18.16	20.00
15	256QAM	1	74	18.23	18.29	18.26	18.25	18.09	20.00
15	256QAM	36	0	18.59	18.48	18.55	18.49	18.41	20.00
15	256QAM	36	20	18.57	18.45	18.45	18.48	18.34	20.00
15	256QAM	36	39	18.45	18.51	18.42	18.51	18.48	20.00
15	256QAM	75	0	18.60	18.35	18.46	18.39	18.37	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.29	18.20	18.31	18.32	18.21	20.10
10	QPSK	1	25	18.28	18.27	18.21	18.14	18.11	20.10
10	QPSK	1	49	18.26	18.17	18.23	18.11	18.14	20.10
10	QPSK	25	0	18.28	18.27	18.28	18.11	18.17	20.10
10	QPSK	25	12	18.21	18.13	18.23	18.20	18.12	20.10
10	QPSK	25	25	18.27	18.19	18.24	18.10	18.18	20.10
10	QPSK	50	0	18.23	18.14	18.22	18.19	18.21	20.10
10	16QAM	1	0	18.63	18.41	18.55	18.51	18.38	20.10
10	16QAM	1	25	18.44	18.34	18.49	18.38	18.32	20.10
10	16QAM	1	49	18.49	18.41	18.38	18.33	18.33	20.10
10	16QAM	25	0	18.54	18.42	18.35	18.43	18.32	20.10
10	16QAM	25	12	18.38	18.28	18.33	18.33	18.37	20.10
10	16QAM	25	25	18.36	18.43	18.33	18.33	18.29	20.10
10	16QAM	50	0	18.47	18.38	18.37	18.40	18.39	20.10
10	64QAM	1	0	18.11	18.13	18.11	18.15	18.14	20.10
10	64QAM	1	25	18.21	18.11	18.20	18.14	18.10	20.10
10	64QAM	1	49	18.21	18.11	18.28	18.18	18.10	20.10
10	64QAM	25	0	18.50	18.47	18.51	18.43	18.43	20.10
10	64QAM	25	12	18.48	18.41	18.44	18.41	18.43	20.10
10	64QAM	25	25	18.44	18.45	18.36	18.31	18.41	20.10
10	64QAM	50	0	18.53	18.36	18.40	18.43	18.32	20.10
10	256QAM	1	0	18.19	18.25	18.34	18.26	18.28	20.00
10	256QAM	1	25	18.36	18.15	18.29	18.23	18.16	20.00
10	256QAM	1	49	18.32	18.21	18.30	18.25	18.19	20.00
10	256QAM	25	0	18.47	18.52	18.48	18.61	18.40	20.00
10	256QAM	25	12	18.61	18.43	18.49	18.54	18.34	20.00

10	256QAM	25	25	18.52	18.45	18.40	18.49	18.45	20.00
10	256QAM	50	0	18.53	18.34	18.42	18.37	18.43	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.26	18.30	18.25	18.19	18.21	20.10
5	QPSK	1	12	18.26	18.23	18.31	18.15	18.15	20.10
5	QPSK	1	24	18.28	18.17	18.28	18.14	18.12	20.10
5	QPSK	12	0	18.35	18.29	18.35	18.16	18.12	20.10
5	QPSK	12	7	18.19	18.22	18.14	18.15	18.16	20.10
5	QPSK	12	13	18.20	18.16	18.24	18.15	18.13	20.10
5	QPSK	25	0	18.27	18.20	18.12	18.11	18.18	20.10
5	16QAM	1	0	18.64	18.42	18.60	18.48	18.44	20.10
5	16QAM	1	12	18.44	18.35	18.48	18.44	18.32	20.10
5	16QAM	1	24	18.43	18.45	18.35	18.37	18.30	20.10
5	16QAM	12	0	18.52	18.46	18.46	18.40	18.39	20.10
5	16QAM	12	7	18.46	18.33	18.31	18.39	18.34	20.10
5	16QAM	12	13	18.47	18.29	18.35	18.32	18.39	20.10
5	16QAM	25	0	18.51	18.31	18.40	18.37	18.32	20.10
5	64QAM	1	0	18.12	18.14	18.17	18.20	18.16	20.10
5	64QAM	1	12	18.22	18.16	18.10	18.12	18.16	20.10
5	64QAM	1	24	18.12	18.12	18.17	18.18	18.19	20.10
5	64QAM	12	0	18.51	18.39	18.51	18.52	18.40	20.10
5	64QAM	12	7	18.46	18.32	18.43	18.36	18.37	20.10
5	64QAM	12	13	18.45	18.47	18.38	18.35	18.33	20.10
5	64QAM	25	0	18.50	18.46	18.45	18.44	18.33	20.10
5	256QAM	1	0	18.23	18.24	18.38	18.26	18.27	20.00
5	256QAM	1	12	18.29	18.26	18.30	18.25	18.20	20.00
5	256QAM	1	24	18.31	18.22	18.22	18.24	18.10	20.00
5	256QAM	12	0	18.51	18.47	18.57	18.62	18.43	20.00
5	256QAM	12	7	18.62	18.44	18.37	18.54	18.43	20.00
5	256QAM	12	13	18.45	18.47	18.44	18.41	18.48	20.00
5	256QAM	25	0	18.64	18.43	18.37	18.43	18.38	20.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	18.39	18.32	18.39	18.33	18.33	19.40
20	QPSK	1	49	18.33	18.30	18.35	18.25	18.23	19.40
20	QPSK	1	99	18.33	18.30	18.33	18.21	18.20	19.40
20	QPSK	50	0	18.38	18.32	18.40	18.23	18.22	19.40
20	QPSK	50	24	18.32	18.24	18.25	18.22	18.21	19.40
20	QPSK	50	50	18.30	18.29	18.27	18.22	18.19	19.40
20	QPSK	100	0	18.30	18.26	18.31	18.25	18.23	19.40
20	16QAM	1	0	18.65	18.49	18.61	18.58	18.47	19.40
20	16QAM	1	49	18.57	18.47	18.52	18.46	18.42	19.40
20	16QAM	1	99	18.52	18.52	18.47	18.47	18.39	19.40
20	16QAM	50	0	18.58	18.48	18.49	18.51	18.44	19.40
20	16QAM	50	24	18.52	18.41	18.41	18.44	18.40	19.40
20	16QAM	50	50	18.50	18.44	18.40	18.42	18.41	19.40
20	16QAM	100	0	18.55	18.43	18.44	18.43	18.41	19.40
20	64QAM	1	0	18.22	18.17	18.23	18.25	18.26	19.40
20	64QAM	1	49	18.31	18.23	18.23	18.26	18.24	19.40
20	64QAM	1	99	18.26	18.13	18.29	18.23	18.23	19.40
20	64QAM	50	0	18.63	18.50	18.53	18.55	18.46	19.40
20	64QAM	50	24	18.56	18.45	18.46	18.49	18.45	19.40
20	64QAM	50	50	18.53	18.48	18.44	18.44	18.45	19.40
20	64QAM	100	0	18.61	18.48	18.48	18.47	18.45	19.40
20	256QAM	1	0	18.32	18.27	18.43	18.38	18.30	19.40
20	256QAM	1	49	18.38	18.27	18.32	18.32	18.23	19.40
20	256QAM	1	99	18.34	18.34	18.31	18.31	18.24	19.40
20	256QAM	50	0	18.60	18.55	18.58	18.64	18.51	19.40
20	256QAM	50	24	18.65	18.51	18.52	18.59	18.49	19.40
20	256QAM	50	50	18.53	18.56	18.49	18.54	18.49	19.40
20	256QAM	100	0	18.67	18.48	18.48	18.51	18.44	19.40
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	18.26	18.24	18.29	18.20	18.30	19.40
15	QPSK	1	37	18.23	18.27	18.21	18.19	18.12	19.40
15	QPSK	1	74	18.28	18.19	18.20	18.10	18.10	19.40
15	QPSK	36	0	18.35	18.25	18.37	18.16	18.11	19.40
15	QPSK	36	20	18.26	18.12	18.22	18.20	18.13	19.40

15	QPSK	36	39	18.16	18.15	18.26	18.17	18.13	19.40
15	QPSK	75	0	18.22	18.19	18.23	18.21	18.16	19.40
15	16QAM	1	0	18.59	18.38	18.51	18.52	18.38	19.40
15	16QAM	1	37	18.45	18.40	18.46	18.33	18.32	19.40
15	16QAM	1	74	18.50	18.48	18.33	18.37	18.34	19.40
15	16QAM	36	0	18.45	18.40	18.40	18.38	18.40	19.40
15	16QAM	36	20	18.44	18.33	18.27	18.37	18.25	19.40
15	16QAM	36	39	18.44	18.36	18.34	18.32	18.26	19.40
15	16QAM	75	0	18.47	18.30	18.36	18.41	18.30	19.40
15	64QAM	1	0	18.15	18.15	18.17	18.14	18.21	19.40
15	64QAM	1	37	18.18	18.18	18.20	18.25	18.21	19.40
15	64QAM	1	74	18.22	18.11	18.21	18.11	18.16	19.40
15	64QAM	36	0	18.53	18.37	18.48	18.51	18.36	19.40
15	64QAM	36	20	18.49	18.33	18.35	18.47	18.35	19.40
15	64QAM	36	39	18.38	18.41	18.36	18.38	18.42	19.40
15	64QAM	75	0	18.49	18.45	18.36	18.34	18.38	19.40
15	256QAM	1	0	18.18	18.25	18.38	18.29	18.17	19.40
15	256QAM	1	37	18.36	18.15	18.29	18.29	18.16	19.40
15	256QAM	1	74	18.23	18.29	18.26	18.25	18.09	19.40
15	256QAM	36	0	18.59	18.48	18.55	18.49	18.41	19.40
15	256QAM	36	20	18.57	18.45	18.45	18.48	18.34	19.40
15	256QAM	36	39	18.45	18.51	18.42	18.51	18.48	19.40
15	256QAM	75	0	18.60	18.35	18.46	18.39	18.37	19.40
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.29	18.20	18.31	18.32	18.21	19.40
10	QPSK	1	25	18.28	18.27	18.21	18.14	18.11	19.40
10	QPSK	1	49	18.26	18.17	18.23	18.11	18.14	19.40
10	QPSK	25	0	18.28	18.27	18.28	18.11	18.17	19.40
10	QPSK	25	12	18.21	18.13	18.23	18.20	18.12	19.40
10	QPSK	25	25	18.27	18.19	18.24	18.10	18.18	19.40
10	QPSK	50	0	18.23	18.14	18.22	18.19	18.21	19.40
10	16QAM	1	0	18.63	18.41	18.55	18.51	18.38	19.40
10	16QAM	1	25	18.44	18.34	18.49	18.38	18.32	19.40
10	16QAM	1	49	18.49	18.41	18.38	18.33	18.33	19.40
10	16QAM	25	0	18.54	18.42	18.35	18.43	18.32	19.40
10	16QAM	25	12	18.38	18.28	18.33	18.33	18.37	19.40
10	16QAM	25	25	18.36	18.43	18.33	18.33	18.29	19.40
10	16QAM	50	0	18.47	18.38	18.37	18.40	18.39	19.40
10	64QAM	1	0	18.11	18.13	18.11	18.15	18.14	19.40
10	64QAM	1	25	18.21	18.11	18.20	18.14	18.10	19.40
10	64QAM	1	49	18.21	18.11	18.28	18.18	18.10	19.40
10	64QAM	25	0	18.50	18.47	18.51	18.43	18.43	19.40
10	64QAM	25	12	18.48	18.41	18.44	18.41	18.43	19.40
10	64QAM	25	25	18.44	18.45	18.36	18.31	18.41	19.40
10	64QAM	50	0	18.53	18.36	18.40	18.43	18.32	19.40
10	256QAM	1	0	18.19	18.25	18.34	18.26	18.28	19.40
10	256QAM	1	25	18.36	18.15	18.29	18.23	18.16	19.40
10	256QAM	1	49	18.32	18.21	18.30	18.25	18.19	19.40
10	256QAM	25	0	18.47	18.52	18.48	18.61	18.40	19.40
10	256QAM	25	12	18.61	18.43	18.49	18.54	18.34	19.40
10	256QAM	25	25	18.52	18.45	18.40	18.49	18.45	19.40
10	256QAM	50	0	18.53	18.34	18.42	18.37	18.43	19.40
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.26	18.30	18.25	18.19	18.21	19.40
5	QPSK	1	12	18.26	18.23	18.31	18.15	18.15	19.40
5	QPSK	1	24	18.28	18.17	18.28	18.14	18.12	19.40
5	QPSK	12	0	18.35	18.29	18.35	18.16	18.12	19.40
5	QPSK	12	7	18.19	18.22	18.14	18.15	18.16	19.40
5	QPSK	12	13	18.20	18.16	18.24	18.15	18.13	19.40
5	QPSK	25	0	18.27	18.20	18.12	18.11	18.18	19.40
5	16QAM	1	0	18.64	18.42	18.60	18.48	18.44	19.40
5	16QAM	1	12	18.44	18.35	18.48	18.44	18.32	19.40
5	16QAM	1	24	18.43	18.45	18.35	18.37	18.30	19.40
5	16QAM	12	0	18.52	18.46	18.46	18.40	18.39	19.40
5	16QAM	12	7	18.46	18.33	18.31	18.39	18.34	19.40
5	16QAM	12	13	18.47	18.29	18.35	18.32	18.39	19.40
5	16QAM	25	0	18.51	18.31	18.40	18.37	18.32	19.40
5	64QAM	1	0	18.12	18.14	18.17	18.20	18.16	19.40
5	64QAM	1	12	18.22	18.16	18.10	18.12	18.16	19.40
5	64QAM	1	24	18.12	18.12	18.17	18.18	18.19	19.40
5	64QAM	12	0	18.51	18.39	18.51	18.52	18.40	19.40
5	64QAM	12	7	18.46	18.32	18.43	18.36	18.37	19.40
5	64QAM	12	13	18.45	18.47	18.38	18.35	18.33	19.40
5	64QAM	25	0	18.50	18.46	18.45	18.44	18.33	19.40

5	256QAM	1	0	18.23	18.24	18.38	18.26	18.27	19.40
5	256QAM	1	12	18.29	18.26	18.30	18.25	18.20	19.40
5	256QAM	1	24	18.31	18.22	18.22	18.24	18.10	19.40
5	256QAM	12	0	18.51	18.47	18.57	18.62	18.43	19.40
5	256QAM	12	7	18.62	18.44	18.37	18.54	18.43	19.40
5	256QAM	12	13	18.45	18.47	18.44	18.41	18.48	19.40
5	256QAM	25	0	18.64	18.43	18.37	18.43	18.38	19.40

【LTE Band 41 _ FCC (2496~2690MHz) _ Ant 1 _ ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.89	19.87	19.93	19.83	19.91	20.10
20	QPSK	1	49	19.81	19.83	19.78	19.78	19.85	20.10
20	QPSK	1	99	19.82	19.88	19.75	19.82	19.81	20.10
20	QPSK	50	0	19.89	19.86	19.90	19.85	19.85	20.10
20	QPSK	50	24	19.82	19.80	19.75	19.78	19.84	20.10
20	QPSK	50	50	19.83	19.85	19.75	19.78	19.82	20.10
20	QPSK	100	0	19.80	19.82	19.85	19.80	19.83	20.10
20	16QAM	1	0	20.04	19.97	20.00	19.93	20.02	20.10
20	16QAM	1	49	19.94	19.93	19.88	19.86	19.96	20.10
20	16QAM	1	99	19.96	19.97	19.85	19.88	19.93	20.10
20	16QAM	50	0	19.97	19.92	19.89	19.89	19.92	20.10
20	16QAM	50	24	19.89	19.87	19.81	19.83	19.90	20.10
20	16QAM	50	50	19.89	19.89	19.80	19.83	19.92	20.10
20	16QAM	100	0	19.93	19.89	19.84	19.86	19.90	20.10
20	64QAM	1	0	19.65	19.54	19.64	19.56	19.62	20.10
20	64QAM	1	49	19.58	19.56	19.50	19.51	19.53	20.10
20	64QAM	1	99	19.55	19.62	19.50	19.55	19.53	20.10
20	64QAM	50	0	20.01	19.95	19.91	19.94	19.96	20.10
20	64QAM	50	24	19.95	19.92	19.86	19.88	19.95	20.10
20	64QAM	50	50	19.94	19.94	19.84	19.88	19.94	20.10
20	64QAM	100	0	19.98	19.92	19.87	19.90	19.96	20.10
20	256QAM	1	0	18.01	19.78	19.88	19.62	19.68	20.00
20	256QAM	1	49	19.79	19.76	19.74	19.60	19.59	20.00
20	256QAM	1	99	19.79	19.83	19.68	19.61	19.60	20.00
20	256QAM	50	0	18.08	19.94	19.92	19.81	19.84	20.00
20	256QAM	50	24	19.94	19.90	19.86	19.77	19.83	20.00
20	256QAM	50	50	18.94	19.92	19.84	19.76	19.82	20.00
20	256QAM	100	0	18.02	19.88	19.83	19.74	19.76	20.00
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	19.79	19.75	19.91	19.74	19.85	20.10
15	QPSK	1	37	19.75	19.79	19.70	19.71	19.84	20.10
15	QPSK	1	74	19.79	19.84	19.65	19.78	19.69	20.10
15	QPSK	36	0	19.86	19.76	19.76	19.82	19.75	20.10
15	QPSK	36	20	19.77	19.75	19.73	19.73	19.71	20.10
15	QPSK	36	39	19.70	19.72	19.67	19.64	19.79	20.10
15	QPSK	75	0	19.74	19.69	19.71	19.70	19.77	20.10
15	16QAM	1	0	19.89	19.86	19.86	19.83	19.89	20.10
15	16QAM	1	37	19.85	19.86	19.86	19.78	19.89	20.10
15	16QAM	1	74	19.84	19.87	19.78	19.83	19.89	20.10
15	16QAM	36	0	19.83	19.87	19.79	19.79	19.79	20.10
15	16QAM	36	20	19.85	19.85	19.79	19.77	19.75	20.10
15	16QAM	36	39	19.84	19.85	19.67	19.79	19.85	20.10
15	16QAM	75	0	19.89	19.86	19.70	19.75	19.86	20.10
15	64QAM	1	0	19.56	19.52	19.55	19.53	19.58	20.10
15	64QAM	1	37	19.53	19.54	19.52	19.50	19.50	20.10
15	64QAM	1	74	19.50	19.54	19.50	19.52	19.51	20.10
15	64QAM	36	0	19.88	19.84	19.87	19.83	19.90	20.10
15	64QAM	36	20	19.89	19.83	19.73	19.78	19.91	20.10
15	64QAM	36	39	19.83	19.86	19.71	19.78	19.81	20.10
15	64QAM	75	0	19.89	19.81	19.75	19.83	19.89	20.10
15	256QAM	1	0	18.02	19.75	19.76	19.61	19.63	20.00
15	256QAM	1	37	19.78	19.63	19.70	19.51	19.45	20.00
15	256QAM	1	74	19.74	19.74	19.54	19.55	19.56	20.00
15	256QAM	36	0	18.06	19.80	19.87	19.78	19.78	20.00
15	256QAM	36	20	19.87	19.83	19.82	19.69	19.76	20.00
15	256QAM	36	39	18.91	19.87	19.82	19.74	19.70	20.00
15	256QAM	75	0	18.00	19.82	19.78	19.65	19.67	20.00
Channel				39700	40160	40620	41080	41540	Tune-up

Frequency (MHz)				2501	2547	2593	2639	2685	limit (dBm)
10	QPSK	1	0	19.80	19.73	19.82	19.81	19.86	20.10
10	QPSK	1	25	19.67	19.69	19.72	19.68	19.76	20.10
10	QPSK	1	49	19.76	19.79	19.69	19.79	19.78	20.10
10	QPSK	25	0	19.86	19.71	19.71	19.78	19.70	20.10
10	QPSK	25	12	19.71	19.66	19.70	19.69	19.71	20.10
10	QPSK	25	25	19.74	19.79	19.67	19.68	19.75	20.10
10	QPSK	50	0	19.83	19.67	19.63	19.68	19.71	20.10
10	16QAM	1	0	19.89	19.87	19.88	19.82	19.88	20.10
10	16QAM	1	25	19.86	19.85	19.84	19.76	19.86	20.10
10	16QAM	1	49	19.84	19.86	19.78	19.75	19.79	20.10
10	16QAM	25	0	19.87	19.80	19.81	19.80	19.84	20.10
10	16QAM	25	12	19.87	19.83	19.68	19.77	19.86	20.10
10	16QAM	25	25	19.87	19.81	19.76	19.80	19.83	20.10
10	16QAM	50	0	19.87	19.86	19.75	19.75	19.80	20.10
10	64QAM	1	0	19.62	19.51	19.50	19.50	19.52	20.10
10	64QAM	1	25	19.50	19.50	19.50	19.50	19.50	20.10
10	64QAM	1	49	19.51	19.51	19.51	19.51	19.52	20.10
10	64QAM	25	0	19.87	19.83	19.85	19.81	19.85	20.10
10	64QAM	25	12	19.84	19.85	19.81	19.82	19.86	20.10
10	64QAM	25	25	19.87	19.85	19.82	19.75	19.85	20.10
10	64QAM	50	0	19.83	19.78	19.85	19.81	19.85	20.10
10	256QAM	1	0	18.00	19.68	19.76	19.60	19.61	20.00
10	256QAM	1	25	19.70	19.73	19.64	19.48	19.48	20.00
10	256QAM	1	49	19.73	19.70	19.54	19.56	19.53	20.00
10	256QAM	25	0	18.00	19.85	19.88	19.78	19.78	20.00
10	256QAM	25	12	19.84	19.78	19.84	19.75	19.79	20.00
10	256QAM	25	25	18.86	19.87	19.79	19.69	19.80	20.00
10	256QAM	50	0	18.00	19.85	19.74	19.70	19.75	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.83	19.72	19.78	19.73	19.85	20.10
5	QPSK	1	12	19.77	19.81	19.69	19.68	19.76	20.10
5	QPSK	1	24	19.79	19.80	19.73	19.80	19.76	20.10
5	QPSK	12	0	19.84	19.75	19.74	19.74	19.77	20.10
5	QPSK	12	7	19.80	19.70	19.61	19.70	19.82	20.10
5	QPSK	12	13	19.72	19.75	19.66	19.69	19.82	20.10
5	QPSK	25	0	19.73	19.74	19.70	19.73	19.75	20.10
5	16QAM	1	0	19.89	19.87	19.88	19.81	19.90	20.10
5	16QAM	1	12	19.82	19.85	19.86	19.83	19.87	20.10
5	16QAM	1	24	19.87	19.86	19.81	19.80	19.89	20.10
5	16QAM	12	0	19.88	19.86	19.84	19.80	19.86	20.10
5	16QAM	12	7	19.81	19.78	19.74	19.70	19.84	20.10
5	16QAM	12	13	19.85	19.74	19.66	19.71	19.88	20.10
5	16QAM	25	0	19.82	19.84	19.71	19.73	19.75	20.10
5	64QAM	1	0	19.53	19.51	19.57	19.51	19.61	20.10
5	64QAM	1	12	19.51	19.52	19.51	19.50	19.51	20.10
5	64QAM	1	24	19.53	19.56	19.51	19.51	19.51	20.10
5	64QAM	12	0	19.87	19.84	19.84	19.80	19.91	20.10
5	64QAM	12	7	19.86	19.82	19.82	19.80	19.88	20.10
5	64QAM	12	13	19.82	19.87	19.74	19.75	19.87	20.10
5	64QAM	25	0	19.84	19.87	19.81	19.81	19.91	20.10
5	256QAM	1	0	18.00	19.75	19.77	19.56	19.54	20.00
5	256QAM	1	12	19.77	19.72	19.64	19.54	19.54	20.00
5	256QAM	1	24	19.67	19.78	19.59	19.48	19.46	20.00
5	256QAM	12	0	18.01	19.80	19.78	19.77	19.70	20.00
5	256QAM	12	7	19.83	19.77	19.77	19.72	19.68	20.00
5	256QAM	12	13	18.83	19.85	19.74	19.72	19.70	20.00
5	256QAM	25	0	18.01	19.77	19.77	19.68	19.65	20.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	21.95	21.93	22.00	21.91	21.99	22.50
20	QPSK	1	49	21.72	21.74	21.89	21.71	21.73	22.50
20	QPSK	1	99	21.68	21.66	21.88	21.65	21.78	22.50
20	QPSK	50	0	21.82	21.87	21.98	21.76	21.88	22.50
20	QPSK	50	24	21.71	21.74	21.91	21.79	21.82	22.50
20	QPSK	50	50	21.73	21.71	21.90	21.74	21.88	22.50
20	QPSK	100	0	21.77	21.68	21.90	21.76	21.75	22.50
20	16QAM	1	0	21.72	21.74	21.90	21.70	21.77	22.50

20	16QAM	1	49	21.94	21.93	21.81	21.89	21.98	22.50
20	16QAM	1	99	21.87	21.79	21.95	21.79	21.88	22.50
20	16QAM	50	0	21.71	21.75	21.84	21.67	21.81	22.50
20	16QAM	50	24	21.59	21.61	21.76	21.61	21.69	22.50
20	16QAM	50	50	21.67	21.67	21.75	21.58	21.61	22.50
20	16QAM	100	0	21.65	21.66	21.80	21.58	21.72	22.50
20	64QAM	1	0	21.65	21.71	21.85	21.62	21.75	22.50
20	64QAM	1	49	21.57	21.56	21.71	21.60	21.60	22.50
20	64QAM	1	99	21.51	21.55	21.70	21.47	21.61	22.50
20	64QAM	50	0	21.53	21.44	21.62	21.46	21.46	22.00
20	64QAM	50	24	21.37	21.37	21.55	21.42	21.41	22.00
20	64QAM	50	50	21.36	21.43	21.52	21.40	21.43	22.00
20	64QAM	100	0	21.37	21.43	21.52	21.31	21.42	22.00
20	256QAM	1	0	19.49	19.34	19.55	19.41	19.46	20.00
20	256QAM	1	49	19.36	19.27	19.42	19.28	19.34	20.00
20	256QAM	1	99	19.30	19.27	19.40	19.23	19.27	20.00
20	256QAM	50	0	19.54	19.52	19.64	19.45	19.61	20.00
20	256QAM	50	24	19.47	19.49	19.60	19.40	19.51	20.00
20	256QAM	50	50	19.41	19.42	19.53	19.34	19.41	20.00
20	256QAM	100	0	19.48	19.47	19.55	19.40	19.51	20.00
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	21.87	21.85	21.96	21.84	21.89	22.50
15	QPSK	1	37	21.60	21.62	21.79	21.69	21.62	22.50
15	QPSK	1	74	21.61	21.60	21.86	21.61	21.64	22.50
15	QPSK	36	0	21.77	21.74	21.93	21.70	21.73	22.50
15	QPSK	36	20	21.69	21.71	21.83	21.73	21.70	22.50
15	QPSK	36	39	21.65	21.68	21.87	21.63	21.82	22.50
15	QPSK	75	0	21.72	21.60	21.84	21.67	21.61	22.50
15	16QAM	1	0	21.69	21.73	21.83	21.60	21.75	22.50
15	16QAM	1	37	21.87	21.81	22.00	21.85	21.91	22.50
15	16QAM	1	74	21.79	21.78	21.92	21.77	21.74	22.50
15	16QAM	36	0	21.57	21.66	21.76	21.55	21.68	22.50
15	16QAM	36	20	21.49	21.52	21.66	21.57	21.58	22.50
15	16QAM	36	39	21.64	21.62	21.66	21.54	21.54	22.50
15	16QAM	75	0	21.63	21.63	21.70	21.50	21.62	22.50
15	64QAM	1	0	21.64	21.59	21.81	21.58	21.66	22.50
15	64QAM	1	37	21.43	21.49	21.63	21.47	21.54	22.50
15	64QAM	1	74	21.42	21.53	21.63	21.39	21.53	22.50
15	64QAM	36	0	21.45	21.30	21.55	21.34	21.35	22.00
15	64QAM	36	20	21.24	21.24	21.46	21.28	21.27	22.00
15	64QAM	36	39	21.35	21.31	21.41	21.25	21.32	22.00
15	64QAM	75	0	21.35	21.28	21.38	21.25	21.36	22.00
15	256QAM	1	0	19.48	19.26	19.49	19.38	19.35	20.00
15	256QAM	1	37	19.23	19.14	19.39	19.18	19.23	20.00
15	256QAM	1	74	19.19	19.23	19.27	19.12	19.22	20.00
15	256QAM	36	0	19.40	19.40	19.61	19.40	19.54	20.00
15	256QAM	36	20	19.35	19.35	19.58	19.31	19.41	20.00
15	256QAM	36	39	19.39	19.41	19.50	19.19	19.31	20.00
15	256QAM	75	0	19.34	19.38	19.47	19.36	19.37	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.88	21.87	21.97	21.82	21.87	22.50
10	QPSK	1	25	21.70	21.70	21.75	21.62	21.68	22.50
10	QPSK	1	49	21.60	21.62	21.77	21.62	21.76	22.50
10	QPSK	25	0	21.73	21.82	21.89	21.74	21.78	22.50
10	QPSK	25	12	21.60	21.62	21.89	21.77	21.78	22.50
10	QPSK	25	25	21.67	21.61	21.77	21.63	21.81	22.50
10	QPSK	50	0	21.65	21.60	21.78	21.66	21.65	22.50
10	16QAM	1	0	21.70	21.71	21.82	21.62	21.70	22.50
10	16QAM	1	25	21.86	21.80	22.00	21.77	21.94	22.50
10	16QAM	1	49	21.77	21.73	21.80	21.72	21.81	22.50
10	16QAM	25	0	21.62	21.66	21.81	21.62	21.74	22.50
10	16QAM	25	12	21.45	21.54	21.72	21.51	21.59	22.50
10	16QAM	25	25	21.61	21.54	21.64	21.57	21.60	22.50
10	16QAM	50	0	21.52	21.62	21.69	21.44	21.57	22.50
10	64QAM	1	0	21.50	21.64	21.76	21.53	21.69	22.50
10	64QAM	1	25	21.47	21.52	21.56	21.49	21.56	22.50
10	64QAM	1	49	21.43	21.53	21.65	21.45	21.48	22.50
10	64QAM	25	0	21.41	21.29	21.53	21.42	21.33	22.00
10	64QAM	25	12	21.26	21.32	21.52	21.32	21.29	22.00
10	64QAM	25	25	21.28	21.41	21.46	21.36	21.40	22.00
10	64QAM	50	0	21.30	21.38	21.41	21.18	21.39	22.00
10	256QAM	1	0	19.46	19.26	19.41	19.29	19.31	20.00
10	256QAM	1	25	19.30	19.22	19.32	19.21	19.25	20.00
10	256QAM	1	49	19.22	19.16	19.38	19.13	19.19	20.00

10	256QAM	25	0	19.42	19.50	19.59	19.39	19.47	20.00
10	256QAM	25	12	19.35	19.44	19.56	19.38	19.45	20.00
10	256QAM	25	25	19.38	19.38	19.42	19.23	19.33	20.00
10	256QAM	50	0	19.42	19.43	19.47	19.31	19.49	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.89	21.86	21.95	21.79	21.97	22.50
5	QPSK	1	12	21.65	21.66	21.77	21.61	21.66	22.50
5	QPSK	1	24	21.60	21.61	21.85	21.61	21.68	22.50
5	QPSK	12	0	21.71	21.75	21.97	21.64	21.83	22.50
5	QPSK	12	7	21.69	21.66	21.86	21.74	21.77	22.50
5	QPSK	12	13	21.66	21.60	21.83	21.64	21.87	22.50
5	QPSK	25	0	21.70	21.60	21.80	21.74	21.67	22.50
5	16QAM	1	0	21.63	21.64	21.89	21.69	21.63	22.50
5	16QAM	1	12	21.91	21.90	22.00	21.75	21.94	22.50
5	16QAM	1	24	21.84	21.77	21.85	21.76	21.78	22.50
5	16QAM	12	0	21.67	21.73	21.72	21.53	21.80	22.50
5	16QAM	12	7	21.57	21.52	21.64	21.53	21.66	22.50
5	16QAM	12	13	21.64	21.53	21.70	21.53	21.58	22.50
5	16QAM	25	0	21.62	21.59	21.70	21.54	21.61	22.50
5	64QAM	1	0	21.63	21.60	21.72	21.56	21.66	22.50
5	64QAM	1	12	21.45	21.50	21.66	21.53	21.57	22.50
5	64QAM	1	24	21.40	21.46	21.61	21.42	21.47	22.50
5	64QAM	12	0	21.47	21.42	21.61	21.35	21.40	22.00
5	64QAM	12	7	21.33	21.35	21.44	21.30	21.35	22.00
5	64QAM	12	13	21.29	21.38	21.49	21.30	21.39	22.00
5	64QAM	25	0	21.24	21.29	21.38	21.18	21.36	22.00
5	256QAM	1	0	19.36	19.32	19.50	19.40	19.32	20.00
5	256QAM	1	12	19.24	19.26	19.27	19.23	19.26	20.00
5	256QAM	1	24	19.18	19.15	19.35	19.22	19.15	20.00
5	256QAM	12	0	19.39	19.49	19.58	19.39	19.47	20.00
5	256QAM	12	7	19.43	19.43	19.50	19.33	19.43	20.00
5	256QAM	12	13	19.29	19.41	19.44	19.24	19.29	20.00
5	256QAM	25	0	19.39	19.45	19.42	19.29	19.45	20.00

【LTE Band 41 _ FCC (2496~2690MHz) _ Ant 1 _ ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.89	19.87	19.93	19.83	19.91	20.10
20	QPSK	1	49	19.81	19.83	19.78	19.78	19.85	20.10
20	QPSK	1	99	19.82	19.88	19.75	19.82	19.81	20.10
20	QPSK	50	0	19.89	19.86	19.90	19.85	19.85	20.10
20	QPSK	50	24	19.82	19.80	19.75	19.78	19.84	20.10
20	QPSK	50	50	19.83	19.85	19.75	19.78	19.82	20.10
20	QPSK	100	0	19.80	19.82	19.85	19.80	19.83	20.10
20	16QAM	1	0	20.04	19.97	20.00	19.93	20.02	20.10
20	16QAM	1	49	19.94	19.93	19.88	19.86	19.96	20.10
20	16QAM	1	99	19.96	19.97	19.85	19.88	19.93	20.10
20	16QAM	50	0	19.97	19.92	19.89	19.89	19.92	20.10
20	16QAM	50	24	19.89	19.87	19.81	19.83	19.90	20.10
20	16QAM	50	50	19.89	19.89	19.80	19.83	19.92	20.10
20	16QAM	100	0	19.93	19.89	19.84	19.86	19.90	20.10
20	64QAM	1	0	19.65	19.54	19.64	19.56	19.62	20.10
20	64QAM	1	49	19.58	19.56	19.50	19.51	19.53	20.10
20	64QAM	1	99	19.55	19.62	19.50	19.55	19.53	20.10
20	64QAM	50	0	20.01	19.95	19.91	19.94	19.96	20.10
20	64QAM	50	24	19.95	19.92	19.86	19.88	19.95	20.10
20	64QAM	50	50	19.94	19.94	19.84	19.88	19.94	20.10
20	64QAM	100	0	19.98	19.92	19.87	19.90	19.96	20.10
20	256QAM	1	0	18.01	19.78	19.88	19.62	19.68	20.00
20	256QAM	1	49	19.79	19.76	19.74	19.60	19.59	20.00
20	256QAM	1	99	19.79	19.83	19.68	19.61	19.60	20.00
20	256QAM	50	0	18.08	19.94	19.92	19.81	19.84	20.00
20	256QAM	50	24	19.94	19.90	19.86	19.77	19.83	20.00
20	256QAM	50	50	18.94	19.92	19.84	19.76	19.82	20.00
20	256QAM	100	0	18.02	19.88	19.83	19.74	19.76	20.00
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	19.79	19.75	19.91	19.74	19.85	20.10
15	QPSK	1	37	19.75	19.79	19.70	19.71	19.84	20.10
15	QPSK	1	74	19.79	19.84	19.65	19.78	19.69	20.10

15	QPSK	36	0	19.86	19.76	19.76	19.82	19.75	20.10
15	QPSK	36	20	19.77	19.75	19.73	19.73	19.71	20.10
15	QPSK	36	39	19.70	19.72	19.67	19.64	19.79	20.10
15	QPSK	75	0	19.74	19.69	19.71	19.70	19.77	20.10
15	16QAM	1	0	19.89	19.86	19.86	19.83	19.89	20.10
15	16QAM	1	37	19.85	19.86	19.86	19.78	19.89	20.10
15	16QAM	1	74	19.84	19.87	19.78	19.83	19.89	20.10
15	16QAM	36	0	19.83	19.87	19.79	19.79	19.79	20.10
15	16QAM	36	20	19.85	19.85	19.79	19.77	19.75	20.10
15	16QAM	36	39	19.84	19.85	19.67	19.79	19.85	20.10
15	16QAM	75	0	19.89	19.86	19.70	19.75	19.86	20.10
15	64QAM	1	0	19.56	19.52	19.55	19.53	19.58	20.10
15	64QAM	1	37	19.53	19.54	19.52	19.50	19.50	20.10
15	64QAM	1	74	19.50	19.54	19.50	19.52	19.51	20.10
15	64QAM	36	0	19.88	19.84	19.87	19.83	19.90	20.10
15	64QAM	36	20	19.89	19.83	19.73	19.78	19.91	20.10
15	64QAM	36	39	19.83	19.86	19.71	19.78	19.81	20.10
15	64QAM	75	0	19.89	19.81	19.75	19.83	19.89	20.10
15	256QAM	1	0	18.02	19.75	19.76	19.61	19.63	20.00
15	256QAM	1	37	19.78	19.63	19.70	19.51	19.45	20.00
15	256QAM	1	74	19.74	19.74	19.54	19.55	19.56	20.00
15	256QAM	36	0	18.06	19.80	19.87	19.78	19.78	20.00
15	256QAM	36	20	19.87	19.83	19.82	19.69	19.76	20.00
15	256QAM	36	39	18.91	19.87	19.82	19.74	19.70	20.00
15	256QAM	75	0	18.00	19.82	19.78	19.65	19.67	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.80	19.73	19.82	19.81	19.86	20.10
10	QPSK	1	25	19.67	19.69	19.72	19.68	19.76	20.10
10	QPSK	1	49	19.76	19.79	19.69	19.79	19.78	20.10
10	QPSK	25	0	19.86	19.71	19.71	19.78	19.70	20.10
10	QPSK	25	12	19.71	19.66	19.70	19.69	19.71	20.10
10	QPSK	25	25	19.74	19.79	19.67	19.68	19.75	20.10
10	QPSK	50	0	19.83	19.67	19.63	19.68	19.71	20.10
10	16QAM	1	0	19.89	19.87	19.88	19.82	19.88	20.10
10	16QAM	1	25	19.86	19.85	19.84	19.76	19.86	20.10
10	16QAM	1	49	19.84	19.86	19.78	19.75	19.79	20.10
10	16QAM	25	0	19.87	19.80	19.81	19.80	19.84	20.10
10	16QAM	25	12	19.87	19.83	19.68	19.77	19.86	20.10
10	16QAM	25	25	19.87	19.81	19.76	19.80	19.83	20.10
10	16QAM	50	0	19.87	19.86	19.75	19.75	19.80	20.10
10	64QAM	1	0	19.62	19.51	19.50	19.50	19.52	20.10
10	64QAM	1	25	19.50	19.50	19.50	19.50	19.50	20.10
10	64QAM	1	49	19.51	19.51	19.51	19.51	19.52	20.10
10	64QAM	25	0	19.87	19.83	19.85	19.81	19.85	20.10
10	64QAM	25	12	19.84	19.85	19.81	19.82	19.86	20.10
10	64QAM	25	25	19.87	19.85	19.82	19.75	19.85	20.10
10	64QAM	50	0	19.83	19.78	19.85	19.81	19.85	20.10
10	256QAM	1	0	18.00	19.68	19.76	19.60	19.61	20.00
10	256QAM	1	25	19.70	19.73	19.64	19.48	19.48	20.00
10	256QAM	1	49	19.73	19.70	19.54	19.56	19.53	20.00
10	256QAM	25	0	18.00	19.85	19.88	19.78	19.78	20.00
10	256QAM	25	12	19.84	19.78	19.84	19.75	19.79	20.00
10	256QAM	25	25	18.86	19.87	19.79	19.69	19.80	20.00
10	256QAM	50	0	18.00	19.85	19.74	19.70	19.75	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.83	19.72	19.78	19.73	19.85	20.10
5	QPSK	1	12	19.77	19.81	19.69	19.68	19.76	20.10
5	QPSK	1	24	19.79	19.80	19.73	19.80	19.76	20.10
5	QPSK	12	0	19.84	19.75	19.74	19.74	19.77	20.10
5	QPSK	12	7	19.80	19.70	19.61	19.70	19.82	20.10
5	QPSK	12	13	19.72	19.75	19.66	19.69	19.82	20.10
5	QPSK	25	0	19.73	19.74	19.70	19.73	19.75	20.10
5	16QAM	1	0	19.89	19.87	19.88	19.81	19.90	20.10
5	16QAM	1	12	19.82	19.85	19.86	19.83	19.87	20.10
5	16QAM	1	24	19.87	19.86	19.81	19.80	19.89	20.10
5	16QAM	12	0	19.88	19.86	19.84	19.80	19.86	20.10
5	16QAM	12	7	19.81	19.78	19.74	19.70	19.84	20.10
5	16QAM	12	13	19.85	19.74	19.66	19.71	19.88	20.10
5	16QAM	25	0	19.82	19.84	19.71	19.73	19.75	20.10
5	64QAM	1	0	19.53	19.51	19.57	19.51	19.61	20.10
5	64QAM	1	12	19.51	19.52	19.51	19.50	19.51	20.10
5	64QAM	1	24	19.53	19.56	19.51	19.51	19.51	20.10
5	64QAM	12	0	19.87	19.84	19.84	19.80	19.91	20.10
5	64QAM	12	7	19.86	19.82	19.82	19.80	19.88	20.10



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5	64QAM	12	13	19.82	19.87	19.74	19.75	19.87	20.10
5	64QAM	25	0	19.84	19.87	19.81	19.81	19.91	20.10
5	256QAM	1	0	18.00	19.75	19.77	19.56	19.54	20.00
5	256QAM	1	12	19.77	19.72	19.64	19.54	19.54	20.00
5	256QAM	1	24	19.67	19.78	19.59	19.48	19.46	20.00
5	256QAM	12	0	18.01	19.80	19.78	19.77	19.70	20.00
5	256QAM	12	7	19.83	19.77	19.77	19.72	19.68	20.00
5	256QAM	12	13	18.83	19.85	19.74	19.72	19.70	20.00
5	256QAM	25	0	18.01	19.77	19.77	19.68	19.65	20.00

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.06	19.98	20.07	20.03	20.05	21.70
20	QPSK	1	49	20.01	20.00	20.05	19.95	19.94	21.70
20	QPSK	1	99	20.03	20.03	20.02	19.91	19.90	21.70
20	QPSK	50	0	20.14	20.07	20.15	20.02	20.02	21.70
20	QPSK	50	24	20.08	20.01	20.02	19.93	19.93	21.70
20	QPSK	50	50	20.04	20.05	20.05	19.93	19.92	21.70
20	QPSK	100	0	20.08	20.02	20.09	19.96	19.94	21.70
20	16QAM	1	0	20.33	20.25	20.31	20.29	20.29	21.70
20	16QAM	1	49	20.26	20.21	20.28	20.18	20.18	21.70
20	16QAM	1	99	20.25	20.25	20.26	20.15	20.15	21.70
20	16QAM	50	0	20.24	20.16	20.18	20.10	20.06	21.70
20	16QAM	50	24	20.17	20.09	20.09	19.99	19.98	21.70
20	16QAM	50	50	20.14	20.10	20.10	19.99	19.98	21.70
20	16QAM	100	0	20.16	20.07	20.09	19.99	19.99	21.70
20	64QAM	1	0	20.09	20.04	20.10	20.06	20.07	21.70
20	64QAM	1	49	20.00	20.01	20.06	19.95	19.96	21.70
20	64QAM	1	99	20.01	20.03	20.03	19.93	19.93	21.70
20	64QAM	50	0	20.26	20.16	20.20	20.11	20.10	21.70
20	64QAM	50	24	20.20	20.12	20.14	20.06	20.06	21.70
20	64QAM	50	50	20.15	20.14	20.15	20.02	20.01	21.70
20	64QAM	100	0	20.21	20.13	20.14	20.08	20.06	21.70
20	256QAM	1	0	20.10	20.09	20.20	20.16	20.17	21.70
20	256QAM	1	49	20.15	20.09	20.17	20.03	20.03	21.70
20	256QAM	1	99	20.12	20.12	20.13	20.02	20.02	21.70
20	256QAM	50	0	20.20	20.21	20.24	20.18	20.18	21.70
20	256QAM	50	24	20.25	20.18	20.19	20.11	20.11	21.70
20	256QAM	50	50	20.18	20.19	20.21	20.09	20.07	21.70
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.07	21.70
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	20.01	19.93	19.94	20.01	19.92	21.70
15	QPSK	1	37	19.94	19.95	20.01	19.84	19.91	21.70
15	QPSK	1	74	20.02	19.93	19.89	19.86	19.78	21.70
15	QPSK	36	0	20.04	19.93	20.03	19.97	19.92	21.70
15	QPSK	36	20	19.98	19.99	19.90	19.82	19.80	21.70
15	QPSK	36	39	19.90	19.99	19.92	19.86	19.90	21.70
15	QPSK	75	0	20.03	19.96	20.01	19.82	19.92	21.70
15	16QAM	1	0	20.27	20.19	20.29	20.25	20.15	21.70
15	16QAM	1	37	20.15	20.15	20.20	20.09	20.13	21.70
15	16QAM	1	74	20.21	20.21	20.15	20.06	20.06	21.70
15	16QAM	36	0	20.22	20.05	20.10	20.02	20.01	21.70
15	16QAM	36	20	20.05	20.03	20.07	19.95	19.89	21.70
15	16QAM	36	39	20.13	19.99	20.00	19.94	19.90	21.70
15	16QAM	75	0	20.14	19.98	20.03	19.88	19.86	21.70
15	64QAM	1	0	20.05	19.99	20.08	20.00	19.95	21.70
15	64QAM	1	37	19.93	19.95	19.99	19.82	19.92	21.70
15	64QAM	1	74	19.89	19.88	19.95	19.81	19.85	21.70
15	64QAM	36	0	20.18	20.04	20.13	20.05	20.07	21.70
15	64QAM	36	20	20.10	20.03	20.02	19.93	19.99	21.70
15	64QAM	36	39	20.09	20.07	20.08	19.87	19.94	21.70
15	64QAM	75	0	20.16	20.11	20.00	20.07	19.99	21.70
15	256QAM	1	0	19.98	20.02	20.18	20.08	20.15	21.70
15	256QAM	1	37	20.10	19.96	20.14	19.99	19.98	21.70
15	256QAM	1	74	20.00	20.02	19.99	19.89	19.99	21.70
15	256QAM	36	0	20.09	20.10	20.11	20.12	20.03	21.70
15	256QAM	36	20	20.13	20.03	20.16	20.02	20.04	21.70
15	256QAM	36	39	20.15	20.14	20.14	20.04	19.96	21.70
15	256QAM	75	0	20.05	20.02	20.11	20.05	20.01	21.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.99	19.93	20.04	19.89	19.94	21.70
10	QPSK	1	25	19.94	19.91	20.01	19.86	19.89	21.70
10	QPSK	1	49	19.94	20.01	19.89	19.83	19.84	21.70
10	QPSK	25	0	20.11	19.98	20.10	19.97	19.96	21.70
10	QPSK	25	12	20.03	19.90	19.93	19.86	19.91	21.70
10	QPSK	25	25	19.94	20.04	20.01	19.90	19.85	21.70
10	QPSK	50	0	20.04	19.95	19.94	19.90	19.87	21.70
10	16QAM	1	0	20.28	20.13	20.26	20.17	20.25	21.70



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10	16QAM	1	25	20.12	20.10	20.13	20.12	20.13	21.70
10	16QAM	1	49	20.19	20.20	20.11	20.11	20.02	21.70
10	16QAM	25	0	20.13	20.04	20.08	20.07	19.91	21.70
10	16QAM	25	12	20.09	19.94	19.99	19.90	19.90	21.70
10	16QAM	25	25	20.12	20.05	20.02	19.94	19.90	21.70
10	16QAM	50	0	20.07	19.96	20.05	19.92	19.88	21.70
10	64QAM	1	0	20.07	20.01	20.03	19.99	19.93	21.70
10	64QAM	1	25	19.97	19.93	20.02	19.83	19.89	21.70
10	64QAM	1	49	19.92	19.89	19.90	19.87	19.83	21.70
10	64QAM	25	0	20.23	20.15	20.15	20.05	20.02	21.70
10	64QAM	25	12	20.10	20.04	20.04	20.05	19.93	21.70
10	64QAM	25	25	20.02	20.13	20.14	19.89	19.97	21.70
10	64QAM	50	0	20.07	20.08	20.04	19.99	19.99	21.70
10	256QAM	1	0	19.97	20.03	20.08	20.06	20.08	21.70
10	256QAM	1	25	20.08	20.06	20.04	19.92	19.95	21.70
10	256QAM	1	49	20.03	20.01	20.01	19.92	19.88	21.70
10	256QAM	25	0	20.06	20.08	20.21	20.05	20.09	21.70
10	256QAM	25	12	20.12	20.16	20.18	20.04	19.98	21.70
10	256QAM	25	25	20.11	20.07	20.13	20.06	20.05	21.70
10	256QAM	50	0	20.10	20.11	20.16	20.04	19.96	21.70
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.02	19.84	20.05	19.88	20.03	21.70
5	QPSK	1	12	19.95	19.95	19.98	19.85	19.84	21.70
5	QPSK	1	24	19.98	19.93	19.88	19.79	19.83	21.70
5	QPSK	12	0	20.05	19.98	20.09	19.87	19.96	21.70
5	QPSK	12	7	20.04	19.90	19.94	19.91	19.86	21.70
5	QPSK	12	13	19.96	20.01	19.96	19.86	19.87	21.70
5	QPSK	25	0	20.05	19.99	20.04	19.93	19.90	21.70
5	16QAM	1	0	20.31	20.22	20.25	20.16	20.26	21.70
5	16QAM	1	12	20.12	20.09	20.23	20.04	20.11	21.70
5	16QAM	1	24	20.11	20.18	20.20	20.09	20.02	21.70
5	16QAM	12	0	20.16	20.13	20.12	20.02	20.05	21.70
5	16QAM	12	7	20.08	19.94	19.98	19.90	19.91	21.70
5	16QAM	12	13	20.02	19.96	20.04	19.96	19.88	21.70
5	16QAM	25	0	20.15	20.05	20.08	19.88	19.89	21.70
5	64QAM	1	0	19.94	19.98	20.08	19.93	20.00	21.70
5	64QAM	1	12	19.93	19.90	20.00	19.83	19.92	21.70
5	64QAM	1	24	19.96	19.98	19.92	19.90	19.85	21.70
5	64QAM	12	0	20.12	20.02	20.06	20.10	20.09	21.70
5	64QAM	12	7	20.08	20.01	20.01	19.95	20.02	21.70
5	64QAM	12	13	20.01	20.08	20.14	19.97	19.99	21.70
5	64QAM	25	0	20.18	19.99	20.00	20.06	19.96	21.70
5	256QAM	1	0	20.01	19.96	20.08	20.14	20.13	21.70
5	256QAM	1	12	20.11	19.99	20.06	19.95	19.91	21.70
5	256QAM	1	24	20.07	20.08	20.06	19.95	19.98	21.70
5	256QAM	12	0	20.09	20.18	20.12	20.04	20.16	21.70
5	256QAM	12	7	20.20	20.16	20.05	20.02	20.08	21.70
5	256QAM	12	13	20.13	20.09	20.09	20.07	19.96	21.70
5	256QAM	25	0	20.10	20.04	20.04	20.01	19.96	21.70

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	20.06	19.98	20.07	20.03	20.05	21.00
20	QPSK	1	49	20.01	20.00	20.05	19.95	19.94	21.00
20	QPSK	1	99	20.03	20.03	20.02	19.91	19.90	21.00
20	QPSK	50	0	20.14	20.07	20.15	20.02	20.02	21.00
20	QPSK	50	24	20.08	20.01	20.02	19.93	19.93	21.00
20	QPSK	50	50	20.04	20.05	20.05	19.93	19.92	21.00
20	QPSK	100	0	20.08	20.02	20.09	19.96	19.94	21.00
20	16QAM	1	0	20.33	20.25	20.31	20.29	20.29	21.00
20	16QAM	1	49	20.26	20.21	20.28	20.18	20.18	21.00
20	16QAM	1	99	20.25	20.25	20.26	20.15	20.15	21.00
20	16QAM	50	0	20.24	20.16	20.18	20.10	20.06	21.00
20	16QAM	50	24	20.17	20.09	20.09	19.99	19.98	21.00
20	16QAM	50	50	20.14	20.10	20.10	19.99	19.98	21.00
20	16QAM	100	0	20.16	20.07	20.09	19.99	19.99	21.00
20	64QAM	1	0	20.09	20.04	20.10	20.06	20.07	21.00
20	64QAM	1	49	20.00	20.01	20.06	19.95	19.96	21.00
20	64QAM	1	99	20.01	20.03	20.03	19.93	19.93	21.00
20	64QAM	50	0	20.26	20.16	20.20	20.11	20.10	21.00
20	64QAM	50	24	20.20	20.12	20.14	20.06	20.06	21.00
20	64QAM	50	50	20.15	20.14	20.15	20.02	20.01	21.00
20	64QAM	100	0	20.21	20.13	20.14	20.08	20.06	21.00
20	256QAM	1	0	20.10	20.09	20.20	20.16	20.17	21.00
20	256QAM	1	49	20.15	20.09	20.17	20.03	20.03	21.00
20	256QAM	1	99	20.12	20.12	20.13	20.02	20.02	21.00
20	256QAM	50	0	20.20	20.21	20.24	20.18	20.18	21.00
20	256QAM	50	24	20.25	20.18	20.19	20.11	20.11	21.00
20	256QAM	50	50	20.18	20.19	20.21	20.09	20.07	21.00
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.07	21.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.01	19.93	19.94	20.01	19.92	21.00
15	QPSK	1	37	19.94	19.95	20.01	19.84	19.91	21.00
15	QPSK	1	74	20.02	19.93	19.89	19.86	19.78	21.00
15	QPSK	36	0	20.04	19.93	20.03	19.97	19.92	21.00
15	QPSK	36	20	19.98	19.99	19.90	19.82	19.80	21.00
15	QPSK	36	39	19.90	19.99	19.92	19.86	19.90	21.00
15	QPSK	75	0	20.03	19.96	20.01	19.82	19.92	21.00
15	16QAM	1	0	20.27	20.19	20.29	20.25	20.15	21.00
15	16QAM	1	37	20.15	20.15	20.20	20.09	20.13	21.00
15	16QAM	1	74	20.21	20.21	20.15	20.06	20.06	21.00
15	16QAM	36	0	20.22	20.05	20.10	20.02	20.01	21.00
15	16QAM	36	20	20.05	20.03	20.07	19.95	19.89	21.00
15	16QAM	36	39	20.13	19.99	20.00	19.94	19.90	21.00
15	16QAM	75	0	20.14	19.98	20.03	19.88	19.86	21.00
15	64QAM	1	0	20.05	19.99	20.08	20.00	19.95	21.00
15	64QAM	1	37	19.93	19.95	19.99	19.82	19.92	21.00
15	64QAM	1	74	19.89	19.88	19.95	19.81	19.85	21.00
15	64QAM	36	0	20.18	20.04	20.13	20.05	20.07	21.00
15	64QAM	36	20	20.10	20.03	20.02	19.93	19.99	21.00
15	64QAM	36	39	20.09	20.07	20.08	19.87	19.94	21.00
15	64QAM	75	0	20.16	20.11	20.00	20.07	19.99	21.00
15	256QAM	1	0	19.98	20.02	20.18	20.08	20.15	21.00
15	256QAM	1	37	20.10	19.96	20.14	19.99	19.98	21.00
15	256QAM	1	74	20.00	20.02	19.99	19.89	19.99	21.00
15	256QAM	36	0	20.09	20.10	20.11	20.12	20.03	21.00
15	256QAM	36	20	20.13	20.03	20.16	20.02	20.04	21.00
15	256QAM	36	39	20.15	20.14	20.14	20.04	19.96	21.00
15	256QAM	75	0	20.05	20.02	20.11	20.05	20.01	21.00
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.99	19.93	20.04	19.89	19.94	21.00
10	QPSK	1	25	19.94	19.91	20.01	19.86	19.89	21.00
10	QPSK	1	49	19.94	20.01	19.89	19.83	19.84	21.00
10	QPSK	25	0	20.11	19.98	20.10	19.97	19.96	21.00
10	QPSK	25	12	20.03	19.90	19.93	19.86	19.91	21.00
10	QPSK	25	25	19.94	20.04	20.01	19.90	19.85	21.00
10	QPSK	50	0	20.04	19.95	19.94	19.90	19.87	21.00
10	16QAM	1	0	20.28	20.13	20.26	20.17	20.25	21.00



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10	16QAM	1	25	20.12	20.10	20.13	20.12	20.13	21.00
10	16QAM	1	49	20.19	20.20	20.11	20.11	20.02	21.00
10	16QAM	25	0	20.13	20.04	20.08	20.07	19.91	21.00
10	16QAM	25	12	20.09	19.94	19.99	19.90	19.90	21.00
10	16QAM	25	25	20.12	20.05	20.02	19.94	19.90	21.00
10	16QAM	50	0	20.07	19.96	20.05	19.92	19.88	21.00
10	64QAM	1	0	20.07	20.01	20.03	19.99	19.93	21.00
10	64QAM	1	25	19.97	19.93	20.02	19.83	19.89	21.00
10	64QAM	1	49	19.92	19.89	19.90	19.87	19.83	21.00
10	64QAM	25	0	20.23	20.15	20.15	20.05	20.02	21.00
10	64QAM	25	12	20.10	20.04	20.04	20.05	19.93	21.00
10	64QAM	25	25	20.02	20.13	20.14	19.89	19.97	21.00
10	64QAM	50	0	20.07	20.08	20.04	19.99	19.99	21.00
10	256QAM	1	0	19.97	20.03	20.08	20.06	20.08	21.00
10	256QAM	1	25	20.08	20.06	20.04	19.92	19.95	21.00
10	256QAM	1	49	20.03	20.01	20.01	19.92	19.88	21.00
10	256QAM	25	0	20.06	20.08	20.21	20.05	20.09	21.00
10	256QAM	25	12	20.12	20.16	20.18	20.04	19.98	21.00
10	256QAM	25	25	20.11	20.07	20.13	20.06	20.05	21.00
10	256QAM	50	0	20.10	20.11	20.16	20.04	19.96	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.02	19.84	20.05	19.88	20.03	21.00
5	QPSK	1	12	19.95	19.95	19.98	19.85	19.84	21.00
5	QPSK	1	24	19.98	19.93	19.88	19.79	19.83	21.00
5	QPSK	12	0	20.05	19.98	20.09	19.87	19.96	21.00
5	QPSK	12	7	20.04	19.90	19.94	19.91	19.86	21.00
5	QPSK	12	13	19.96	20.01	19.96	19.86	19.87	21.00
5	QPSK	25	0	20.05	19.99	20.04	19.93	19.90	21.00
5	16QAM	1	0	20.31	20.22	20.25	20.16	20.26	21.00
5	16QAM	1	12	20.12	20.09	20.23	20.04	20.11	21.00
5	16QAM	1	24	20.11	20.18	20.20	20.09	20.02	21.00
5	16QAM	12	0	20.16	20.13	20.12	20.02	20.05	21.00
5	16QAM	12	7	20.08	19.94	19.98	19.90	19.91	21.00
5	16QAM	12	13	20.02	19.96	20.04	19.96	19.88	21.00
5	16QAM	25	0	20.15	20.05	20.08	19.88	19.89	21.00
5	64QAM	1	0	19.94	19.98	20.08	19.93	20.00	21.00
5	64QAM	1	12	19.93	19.90	20.00	19.83	19.92	21.00
5	64QAM	1	24	19.96	19.98	19.92	19.90	19.85	21.00
5	64QAM	12	0	20.12	20.02	20.06	20.10	20.09	21.00
5	64QAM	12	7	20.08	20.01	20.01	19.95	20.02	21.00
5	64QAM	12	13	20.01	20.08	20.14	19.97	19.99	21.00
5	64QAM	25	0	20.18	19.99	20.00	20.06	19.96	21.00
5	256QAM	1	0	20.01	19.96	20.08	20.14	20.13	21.00
5	256QAM	1	12	20.11	19.99	20.06	19.95	19.91	21.00
5	256QAM	1	24	20.07	20.08	20.06	19.95	19.98	21.00
5	256QAM	12	0	20.09	20.18	20.12	20.04	20.16	21.00
5	256QAM	12	7	20.20	20.16	20.05	20.02	20.08	21.00
5	256QAM	12	13	20.13	20.09	20.09	20.07	19.96	21.00
5	256QAM	25	0	20.10	20.04	20.04	20.01	19.96	21.00

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.58	21.54	21.57	21.54	21.61	21.70
20	QPSK	1	49	21.52	21.48	21.39	21.48	21.49	21.70
20	QPSK	1	99	21.52	21.55	21.40	21.50	21.52	21.70
20	QPSK	50	0	21.58	21.48	21.45	21.49	21.60	21.70
20	QPSK	50	24	21.47	21.38	21.37	21.41	21.43	21.70
20	QPSK	50	50	21.49	21.44	21.40	21.46	21.47	21.70
20	QPSK	100	0	21.52	21.46	21.42	21.45	21.46	21.70
20	16QAM	1	0	21.57	21.51	21.55	21.51	21.57	21.70
20	16QAM	1	49	21.54	21.43	21.37	21.44	21.46	21.70
20	16QAM	1	99	21.68	21.69	21.59	21.67	21.69	21.70
20	16QAM	50	0	21.68	21.58	21.51	21.58	21.56	21.70
20	16QAM	50	24	21.55	21.49	21.44	21.49	21.51	21.70
20	16QAM	50	50	21.56	21.54	21.47	21.53	21.55	21.70
20	16QAM	100	0	21.59	21.54	21.49	21.50	21.52	21.70
20	64QAM	1	0	21.62	21.50	21.58	21.53	21.60	21.70
20	64QAM	1	49	21.58	21.44	21.41	21.45	21.51	21.70
20	64QAM	1	99	21.49	21.49	21.40	21.48	21.53	21.70
20	64QAM	50	0	21.69	21.58	21.54	21.60	21.58	21.70
20	64QAM	50	24	21.61	21.52	21.47	21.53	21.54	21.70
20	64QAM	50	50	21.58	21.56	21.48	21.54	21.56	21.70
20	64QAM	100	0	21.63	21.56	21.52	21.56	21.55	21.70
20	256QAM	1	0	19.99	21.55	21.70	21.58	21.63	21.70
20	256QAM	1	49	21.61	21.53	21.52	21.54	21.49	21.70
20	256QAM	1	99	21.61	21.60	21.49	21.55	21.53	21.70
20	256QAM	50	0	19.96	21.63	21.58	21.59	21.59	21.70
20	256QAM	50	24	21.63	21.56	21.52	21.51	21.55	21.70
20	256QAM	50	50	19.96	21.60	21.53	21.53	21.55	21.70
20	256QAM	100	0	19.93	21.58	21.53	21.49	21.51	21.70
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	21.50	21.41	21.54	21.42	21.53	21.70
15	QPSK	1	37	21.42	21.42	21.26	21.43	21.41	21.70
15	QPSK	1	74	21.45	21.41	21.32	21.39	21.50	21.70
15	QPSK	36	0	21.57	21.45	21.37	21.45	21.55	21.70
15	QPSK	36	20	21.42	21.37	21.25	21.29	21.30	21.70
15	QPSK	36	39	21.38	21.32	21.26	21.41	21.40	21.70
15	QPSK	75	0	21.49	21.37	21.31	21.37	21.36	21.70
15	16QAM	1	0	21.51	21.42	21.51	21.43	21.55	21.70
15	16QAM	1	37	21.48	21.32	21.31	21.40	21.42	21.70
15	16QAM	1	74	21.57	21.54	21.49	21.54	21.57	21.70
15	16QAM	36	0	21.55	21.53	21.42	21.45	21.49	21.70
15	16QAM	36	20	21.52	21.38	21.42	21.43	21.41	21.70
15	16QAM	36	39	21.50	21.49	21.40	21.41	21.43	21.70
15	16QAM	75	0	21.55	21.43	21.45	21.45	21.38	21.70
15	64QAM	1	0	21.58	21.41	21.52	21.46	21.53	21.70
15	64QAM	1	37	21.45	21.33	21.33	21.36	21.49	21.70
15	64QAM	1	74	21.35	21.45	21.34	21.46	21.44	21.70
15	64QAM	36	0	21.58	21.47	21.40	21.49	21.56	21.70
15	64QAM	36	20	21.51	21.42	21.39	21.41	21.51	21.70
15	64QAM	36	39	21.45	21.52	21.44	21.49	21.46	21.70
15	64QAM	75	0	21.57	21.50	21.39	21.52	21.40	21.70
15	256QAM	1	0	19.92	21.41	21.57	21.45	21.48	21.70
15	256QAM	1	37	21.55	21.52	21.39	21.43	21.43	21.70
15	256QAM	1	74	21.58	21.52	21.35	21.52	21.46	21.70
15	256QAM	36	0	19.94	21.54	21.54	21.52	21.56	21.70
15	256QAM	36	20	21.56	21.49	21.45	21.43	21.47	21.70
15	256QAM	36	39	19.93	21.51	21.45	21.39	21.54	21.70
15	256QAM	75	0	19.91	21.51	21.43	21.37	21.46	21.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.47	21.52	21.46	21.40	21.49	21.70
10	QPSK	1	25	21.47	21.47	21.34	21.43	21.45	21.70
10	QPSK	1	49	21.50	21.47	21.39	21.41	21.37	21.70
10	QPSK	25	0	21.44	21.46	21.40	21.41	21.59	21.70
10	QPSK	25	12	21.41	21.37	21.30	21.32	21.29	21.70
10	QPSK	25	25	21.34	21.31	21.29	21.38	21.43	21.70
10	QPSK	50	0	21.48	21.36	21.37	21.39	21.44	21.70
10	16QAM	1	0	21.55	21.46	21.41	21.44	21.43	21.70



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10	16QAM	1	25	21.49	21.31	21.35	21.31	21.38	21.70
10	16QAM	1	49	21.58	21.53	21.57	21.53	21.61	21.70
10	16QAM	25	0	21.58	21.51	21.42	21.48	21.52	21.70
10	16QAM	25	12	21.41	21.48	21.36	21.47	21.46	21.70
10	16QAM	25	25	21.53	21.52	21.44	21.45	21.54	21.70
10	16QAM	50	0	21.46	21.53	21.43	21.48	21.50	21.70
10	64QAM	1	0	21.57	21.40	21.50	21.47	21.50	21.70
10	64QAM	1	25	21.54	21.39	21.38	21.31	21.38	21.70
10	64QAM	1	49	21.47	21.46	21.38	21.39	21.44	21.70
10	64QAM	25	0	21.58	21.53	21.52	21.51	21.55	21.70
10	64QAM	25	12	21.57	21.47	21.36	21.48	21.43	21.70
10	64QAM	25	25	21.53	21.47	21.36	21.51	21.42	21.70
10	64QAM	50	0	21.48	21.42	21.41	21.45	21.43	21.70
10	256QAM	1	0	19.92	21.43	21.57	21.53	21.55	21.70
10	256QAM	1	25	21.53	21.48	21.48	21.48	21.42	21.70
10	256QAM	1	49	21.54	21.54	21.47	21.51	21.41	21.70
10	256QAM	25	0	19.93	21.53	21.50	21.44	21.45	21.70
10	256QAM	25	12	21.56	21.44	21.42	21.38	21.46	21.70
10	256QAM	25	25	19.93	21.54	21.42	21.39	21.42	21.70
10	256QAM	50	0	19.92	21.49	21.41	21.43	21.42	21.70
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.51	21.47	21.49	21.49	21.57	21.70
5	QPSK	1	12	21.50	21.47	21.32	21.33	21.40	21.70
5	QPSK	1	24	21.38	21.52	21.29	21.37	21.48	21.70
5	QPSK	12	0	21.51	21.38	21.43	21.42	21.52	21.70
5	QPSK	12	7	21.36	21.29	21.31	21.31	21.42	21.70
5	QPSK	12	13	21.35	21.43	21.37	21.37	21.44	21.70
5	QPSK	25	0	21.43	21.40	21.31	21.40	21.34	21.70
5	16QAM	1	0	21.52	21.45	21.51	21.47	21.51	21.70
5	16QAM	1	12	21.46	21.29	21.24	21.39	21.43	21.70
5	16QAM	1	24	21.57	21.54	21.54	21.54	21.59	21.70
5	16QAM	12	0	21.54	21.54	21.37	21.54	21.49	21.70
5	16QAM	12	7	21.49	21.39	21.39	21.38	21.47	21.70
5	16QAM	12	13	21.43	21.43	21.44	21.45	21.53	21.70
5	16QAM	25	0	21.45	21.51	21.36	21.39	21.49	21.70
5	64QAM	1	0	21.58	21.36	21.54	21.49	21.52	21.70
5	64QAM	1	12	21.47	21.31	21.34	21.31	21.41	21.70
5	64QAM	1	24	21.38	21.39	21.32	21.46	21.43	21.70
5	64QAM	12	0	21.56	21.50	21.44	21.48	21.51	21.70
5	64QAM	12	7	21.54	21.50	21.35	21.43	21.41	21.70
5	64QAM	12	13	21.49	21.47	21.40	21.48	21.47	21.70
5	64QAM	25	0	21.50	21.54	21.41	21.50	21.51	21.70
5	256QAM	1	0	19.93	21.43	21.57	21.50	21.60	21.70
5	256QAM	1	12	21.58	21.45	21.38	21.49	21.37	21.70
5	256QAM	1	24	21.55	21.45	21.47	21.52	21.48	21.70
5	256QAM	12	0	19.92	21.48	21.45	21.54	21.45	21.70
5	256QAM	12	7	21.54	21.54	21.41	21.49	21.41	21.70
5	256QAM	12	13	19.91	21.49	21.50	21.47	21.49	21.70
5	256QAM	25	0	19.93	21.49	21.47	21.45	21.39	21.70

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	24.10
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.81	23.75	23.81	23.79	23.82	24.10
20	QPSK	1	49	23.68	23.60	23.69	23.55	23.68	24.10
20	QPSK	1	99	23.67	23.53	23.72	23.57	23.60	24.10
20	QPSK	50	0	23.62	23.56	23.72	23.67	23.73	24.10
20	QPSK	50	24	23.52	23.49	23.66	23.59	23.65	24.10
20	QPSK	50	50	23.61	23.52	23.63	23.53	23.60	24.10
20	QPSK	100	0	23.54	23.56	23.66	23.50	23.58	24.10
20	16QAM	1	0	23.74	23.66	23.77	23.62	23.65	24.10
20	16QAM	1	49	23.57	23.50	23.59	23.45	23.55	24.10
20	16QAM	1	99	23.57	23.49	23.66	23.53	23.55	24.10
20	16QAM	50	0	23.45	23.48	23.58	23.52	23.57	24.10
20	16QAM	50	24	23.37	23.38	23.51	23.47	23.49	24.10
20	16QAM	50	50	23.41	23.32	23.53	23.49	23.45	24.10
20	16QAM	100	0	23.60	23.61	23.73	23.61	23.65	24.10
20	64QAM	1	0	23.56	23.52	23.64	23.54	23.54	24.10
20	64QAM	1	49	23.50	23.32	23.53	23.48	23.46	24.10
20	64QAM	1	99	23.47	23.38	23.49	23.37	23.41	24.10
20	64QAM	50	0	23.39	23.28	23.43	23.34	23.30	23.90
20	64QAM	50	24	23.35	23.20	23.37	23.27	23.25	23.90
20	64QAM	50	50	23.32	23.20	23.35	23.22	23.31	23.90
20	64QAM	100	0	23.36	23.20	23.40	23.33	23.34	23.90
20	256QAM	1	0	21.57	21.45	21.60	21.45	21.47	21.90
20	256QAM	1	49	21.35	21.24	21.41	21.29	21.41	21.90
20	256QAM	1	99	21.35	21.32	21.42	21.28	21.42	21.90
20	256QAM	50	0	21.38	21.40	21.51	21.46	21.39	21.90
20	256QAM	50	24	21.43	21.32	21.45	21.32	21.44	21.90
20	256QAM	50	50	21.31	21.23	21.38	21.30	21.37	21.90
20	256QAM	100	0	21.30	21.30	21.41	21.26	21.34	21.90
Channel				39725	40173	40620	41068	41515	24.10
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.68	23.70	23.78	23.72	23.73	24.10
15	QPSK	1	37	23.63	23.48	23.56	23.43	23.61	24.10
15	QPSK	1	74	23.54	23.50	23.64	23.52	23.49	24.10
15	QPSK	36	0	23.53	23.52	23.66	23.63	23.67	24.10
15	QPSK	36	20	23.40	23.35	23.57	23.57	23.59	24.10
15	QPSK	36	39	23.50	23.50	23.58	23.52	23.47	24.10
15	QPSK	75	0	23.53	23.52	23.56	23.44	23.46	24.10
15	16QAM	1	0	23.68	23.58	23.67	23.55	23.57	24.10
15	16QAM	1	37	23.52	23.42	23.47	23.38	23.48	24.10
15	16QAM	1	74	23.51	23.43	23.62	23.44	23.45	24.10
15	16QAM	36	0	23.41	23.36	23.46	23.41	23.48	24.10
15	16QAM	36	20	23.30	23.27	23.44	23.37	23.45	24.10
15	16QAM	36	39	23.35	23.21	23.49	23.39	23.35	24.10
15	16QAM	75	0	23.47	23.51	23.62	23.46	23.55	24.10
15	64QAM	1	0	23.52	23.38	23.54	23.41	23.39	24.10
15	64QAM	1	37	23.41	23.31	23.50	23.44	23.33	24.10
15	64QAM	1	74	23.37	23.25	23.38	23.23	23.40	24.10
15	64QAM	36	0	23.24	23.25	23.38	23.33	23.23	23.90
15	64QAM	36	20	23.27	23.17	23.35	23.20	23.12	23.90
15	64QAM	36	39	23.31	23.06	23.27	23.08	23.30	23.90
15	64QAM	75	0	23.32	23.15	23.36	23.24	23.28	23.90
15	256QAM	1	0	21.54	21.42	21.45	21.40	21.41	21.90
15	256QAM	1	37	21.26	21.14	21.30	21.18	21.29	21.90
15	256QAM	1	74	21.27	21.27	21.33	21.22	21.34	21.90
15	256QAM	36	0	21.33	21.28	21.38	21.36	21.34	21.90
15	256QAM	36	20	21.39	21.19	21.41	21.29	21.43	21.90
15	256QAM	36	39	21.18	21.09	21.27	21.23	21.32	21.90
15	256QAM	75	0	21.24	21.19	21.26	21.18	21.29	21.90
Channel				39700	40160	40620	41080	41540	24.10
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.68	23.64	23.77	23.65	23.75	24.10
10	QPSK	1	25	23.62	23.48	23.56	23.50	23.63	24.10
10	QPSK	1	49	23.58	23.46	23.57	23.49	23.49	24.10
10	QPSK	25	0	23.56	23.53	23.61	23.61	23.64	24.10
10	QPSK	25	12	23.39	23.36	23.58	23.47	23.56	24.10
10	QPSK	25	25	23.56	23.40	23.59	23.47	23.53	24.10
10	QPSK	50	0	23.52	23.45	23.54	23.49	23.43	24.10
10	16QAM	1	0	23.65	23.55	23.71	23.60	23.64	24.10



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10	16QAM	1	25	23.55	23.40	23.46	23.34	23.45	24.10
10	16QAM	1	49	23.54	23.41	23.55	23.41	23.52	24.10
10	16QAM	25	0	23.31	23.37	23.45	23.46	23.48	24.10
10	16QAM	25	12	23.28	23.23	23.36	23.36	23.47	24.10
10	16QAM	25	25	23.38	23.31	23.47	23.45	23.30	24.10
10	16QAM	50	0	23.46	23.46	23.64	23.50	23.62	24.10
10	64QAM	1	0	23.52	23.45	23.57	23.39	23.52	24.10
10	64QAM	1	25	23.35	23.28	23.46	23.44	23.41	24.10
10	64QAM	1	49	23.37	23.31	23.43	23.34	23.32	24.10
10	64QAM	25	0	23.35	23.13	23.29	23.29	23.20	23.90
10	64QAM	25	12	23.30	23.11	23.25	23.24	23.23	23.90
10	64QAM	25	25	23.20	23.14	23.33	23.12	23.18	23.90
10	64QAM	50	0	23.24	23.13	23.35	23.25	23.33	23.90
10	256QAM	1	0	21.53	21.30	21.57	21.32	21.38	21.90
10	256QAM	1	25	21.32	21.14	21.40	21.21	21.38	21.90
10	256QAM	1	49	21.34	21.18	21.35	21.19	21.29	21.90
10	256QAM	25	0	21.33	21.26	21.41	21.43	21.32	21.90
10	256QAM	25	12	21.40	21.19	21.34	21.24	21.30	21.90
10	256QAM	25	25	21.25	21.13	21.35	21.22	21.31	21.90
10	256QAM	50	0	21.24	21.26	21.29	21.22	21.28	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.71	23.72	23.74	23.70	23.79	24.10
5	QPSK	1	12	23.61	23.53	23.62	23.51	23.64	24.10
5	QPSK	1	24	23.61	23.50	23.61	23.51	23.52	24.10
5	QPSK	12	0	23.48	23.50	23.61	23.55	23.69	24.10
5	QPSK	12	7	23.46	23.47	23.60	23.57	23.61	24.10
5	QPSK	12	13	23.47	23.48	23.53	23.46	23.48	24.10
5	QPSK	25	0	23.41	23.49	23.53	23.44	23.44	24.10
5	16QAM	1	0	23.71	23.52	23.67	23.56	23.63	24.10
5	16QAM	1	12	23.43	23.38	23.55	23.32	23.45	24.10
5	16QAM	1	24	23.54	23.36	23.59	23.44	23.44	24.10
5	16QAM	12	0	23.42	23.40	23.52	23.38	23.43	24.10
5	16QAM	12	7	23.34	23.35	23.41	23.38	23.48	24.10
5	16QAM	12	13	23.33	23.25	23.50	23.46	23.34	24.10
5	16QAM	25	0	23.48	23.53	23.71	23.58	23.57	24.10
5	64QAM	1	0	23.44	23.41	23.54	23.52	23.46	24.10
5	64QAM	1	12	23.46	23.27	23.47	23.42	23.32	24.10
5	64QAM	1	24	23.40	23.35	23.43	23.29	23.28	24.10
5	64QAM	12	0	23.34	23.15	23.33	23.27	23.17	23.90
5	64QAM	12	7	23.23	23.14	23.32	23.21	23.22	23.90
5	64QAM	12	13	23.28	23.18	23.25	23.21	23.19	23.90
5	64QAM	25	0	23.26	23.13	23.29	23.27	23.23	23.90
5	256QAM	1	0	21.48	21.33	21.45	21.40	21.34	21.90
5	256QAM	1	12	21.32	21.14	21.26	21.16	21.34	21.90
5	256QAM	1	24	21.22	21.20	21.37	21.17	21.29	21.90
5	256QAM	12	0	21.30	21.30	21.48	21.38	21.33	21.90
5	256QAM	12	7	21.38	21.28	21.41	21.29	21.34	21.90
5	256QAM	12	13	21.24	21.14	21.35	21.28	21.31	21.90
5	256QAM	25	0	21.29	21.27	21.32	21.23	21.25	21.90

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	21.70
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.58	21.54	21.57	21.54	21.61	21.70
20	QPSK	1	49	21.52	21.48	21.39	21.48	21.49	21.70
20	QPSK	1	99	21.52	21.55	21.40	21.50	21.52	21.70
20	QPSK	50	0	21.58	21.48	21.45	21.49	21.60	21.70
20	QPSK	50	24	21.47	21.38	21.37	21.41	21.43	21.70
20	QPSK	50	50	21.49	21.44	21.40	21.46	21.47	21.70
20	QPSK	100	0	21.52	21.46	21.42	21.45	21.46	21.70
20	16QAM	1	0	21.57	21.51	21.55	21.51	21.57	21.70
20	16QAM	1	49	21.54	21.43	21.37	21.44	21.46	21.70
20	16QAM	1	99	21.68	21.69	21.59	21.67	21.69	21.70
20	16QAM	50	0	21.68	21.58	21.51	21.58	21.56	21.70
20	16QAM	50	24	21.55	21.49	21.44	21.49	21.51	21.70
20	16QAM	50	50	21.56	21.54	21.47	21.53	21.55	21.70
20	16QAM	100	0	21.59	21.54	21.49	21.50	21.52	21.70
20	64QAM	1	0	21.62	21.50	21.58	21.53	21.60	21.70
20	64QAM	1	49	21.58	21.44	21.41	21.45	21.51	21.70
20	64QAM	1	99	21.49	21.49	21.40	21.48	21.53	21.70
20	64QAM	50	0	21.69	21.58	21.54	21.60	21.58	21.70
20	64QAM	50	24	21.61	21.52	21.47	21.53	21.54	21.70
20	64QAM	50	50	21.58	21.56	21.48	21.54	21.56	21.70
20	64QAM	100	0	21.63	21.56	21.52	21.56	21.55	21.70
20	256QAM	1	0	19.99	21.55	21.70	21.58	21.63	21.70
20	256QAM	1	49	21.61	21.53	21.52	21.54	21.49	21.70
20	256QAM	1	99	21.61	21.60	21.49	21.55	21.53	21.70
20	256QAM	50	0	19.96	21.63	21.58	21.59	21.59	21.70
20	256QAM	50	24	21.63	21.56	21.52	21.51	21.55	21.70
20	256QAM	50	50	19.96	21.60	21.53	21.53	21.55	21.70
20	256QAM	100	0	19.93	21.58	21.53	21.49	21.51	21.70
Channel				39725	40173	40620	41068	41515	21.70
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.50	21.41	21.54	21.42	21.53	21.70
15	QPSK	1	37	21.42	21.42	21.26	21.43	21.41	21.70
15	QPSK	1	74	21.45	21.41	21.32	21.39	21.50	21.70
15	QPSK	36	0	21.57	21.45	21.37	21.45	21.55	21.70
15	QPSK	36	20	21.42	21.37	21.25	21.29	21.30	21.70
15	QPSK	36	39	21.38	21.32	21.26	21.41	21.40	21.70
15	QPSK	75	0	21.49	21.37	21.31	21.37	21.36	21.70
15	16QAM	1	0	21.51	21.42	21.51	21.43	21.55	21.70
15	16QAM	1	37	21.48	21.32	21.31	21.40	21.42	21.70
15	16QAM	1	74	21.57	21.54	21.49	21.54	21.57	21.70
15	16QAM	36	0	21.55	21.53	21.42	21.45	21.49	21.70
15	16QAM	36	20	21.52	21.38	21.42	21.43	21.41	21.70
15	16QAM	36	39	21.50	21.49	21.40	21.41	21.43	21.70
15	16QAM	75	0	21.55	21.43	21.45	21.45	21.38	21.70
15	64QAM	1	0	21.58	21.41	21.52	21.46	21.53	21.70
15	64QAM	1	37	21.45	21.33	21.33	21.36	21.49	21.70
15	64QAM	1	74	21.35	21.45	21.34	21.46	21.44	21.70
15	64QAM	36	0	21.58	21.47	21.40	21.49	21.56	21.70
15	64QAM	36	20	21.51	21.42	21.39	21.41	21.51	21.70
15	64QAM	36	39	21.45	21.52	21.44	21.49	21.46	21.70
15	64QAM	75	0	21.57	21.50	21.39	21.52	21.40	21.70
15	256QAM	1	0	19.92	21.41	21.57	21.45	21.48	21.70
15	256QAM	1	37	21.55	21.52	21.39	21.43	21.43	21.70
15	256QAM	1	74	21.58	21.52	21.35	21.52	21.46	21.70
15	256QAM	36	0	19.94	21.54	21.54	21.52	21.56	21.70
15	256QAM	36	20	21.56	21.49	21.45	21.43	21.47	21.70
15	256QAM	36	39	19.93	21.51	21.45	21.39	21.54	21.70
15	256QAM	75	0	19.91	21.51	21.43	21.37	21.46	21.70
Channel				39700	40160	40620	41080	41540	21.70
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.47	21.52	21.46	21.40	21.49	21.70
10	QPSK	1	25	21.47	21.47	21.34	21.43	21.45	21.70
10	QPSK	1	49	21.50	21.47	21.39	21.41	21.37	21.70
10	QPSK	25	0	21.44	21.46	21.40	21.41	21.59	21.70
10	QPSK	25	12	21.41	21.37	21.30	21.32	21.29	21.70
10	QPSK	25	25	21.34	21.31	21.29	21.38	21.43	21.70
10	QPSK	50	0	21.48	21.36	21.37	21.39	21.44	21.70

10	16QAM	1	0	21.55	21.46	21.41	21.44	21.43	21.70
10	16QAM	1	25	21.49	21.31	21.35	21.31	21.38	21.70
10	16QAM	1	49	21.58	21.53	21.57	21.53	21.61	21.70
10	16QAM	25	0	21.58	21.51	21.42	21.48	21.52	21.70
10	16QAM	25	12	21.41	21.48	21.36	21.47	21.46	21.70
10	16QAM	25	25	21.53	21.52	21.44	21.45	21.54	21.70
10	16QAM	50	0	21.46	21.53	21.43	21.48	21.50	21.70
10	64QAM	1	0	21.57	21.40	21.50	21.47	21.50	21.70
10	64QAM	1	25	21.54	21.39	21.38	21.31	21.38	21.70
10	64QAM	1	49	21.47	21.46	21.38	21.39	21.44	21.70
10	64QAM	25	0	21.58	21.53	21.52	21.51	21.55	21.70
10	64QAM	25	12	21.57	21.47	21.36	21.48	21.43	21.70
10	64QAM	25	25	21.53	21.47	21.36	21.51	21.42	21.70
10	64QAM	50	0	21.48	21.42	21.41	21.45	21.43	21.70
10	256QAM	1	0	19.92	21.43	21.57	21.53	21.55	21.70
10	256QAM	1	25	21.53	21.48	21.48	21.48	21.42	21.70
10	256QAM	1	49	21.54	21.54	21.47	21.51	21.41	21.70
10	256QAM	25	0	19.93	21.53	21.50	21.44	21.45	21.70
10	256QAM	25	12	21.56	21.44	21.42	21.38	21.46	21.70
10	256QAM	25	25	19.93	21.54	21.42	21.39	21.42	21.70
10	256QAM	50	0	19.92	21.49	21.41	21.43	21.42	21.70
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.51	21.47	21.49	21.49	21.57	21.70
5	QPSK	1	12	21.50	21.47	21.32	21.33	21.40	21.70
5	QPSK	1	24	21.38	21.52	21.29	21.37	21.48	21.70
5	QPSK	12	0	21.51	21.38	21.43	21.42	21.52	21.70
5	QPSK	12	7	21.36	21.29	21.31	21.31	21.42	21.70
5	QPSK	12	13	21.35	21.43	21.37	21.37	21.44	21.70
5	QPSK	25	0	21.43	21.40	21.31	21.40	21.34	21.70
5	16QAM	1	0	21.52	21.45	21.51	21.47	21.51	21.70
5	16QAM	1	12	21.46	21.29	21.24	21.39	21.43	21.70
5	16QAM	1	24	21.57	21.54	21.54	21.54	21.59	21.70
5	16QAM	12	0	21.54	21.54	21.37	21.54	21.49	21.70
5	16QAM	12	7	21.49	21.39	21.39	21.38	21.47	21.70
5	16QAM	12	13	21.43	21.43	21.44	21.45	21.53	21.70
5	16QAM	25	0	21.45	21.51	21.36	21.39	21.49	21.70
5	64QAM	1	0	21.58	21.36	21.54	21.49	21.52	21.70
5	64QAM	1	12	21.47	21.31	21.34	21.31	21.41	21.70
5	64QAM	1	24	21.38	21.39	21.32	21.46	21.43	21.70
5	64QAM	12	0	21.56	21.50	21.44	21.48	21.51	21.70
5	64QAM	12	7	21.54	21.50	21.35	21.43	21.41	21.70
5	64QAM	12	13	21.49	21.47	21.40	21.48	21.47	21.70
5	64QAM	25	0	21.50	21.54	21.41	21.50	21.51	21.70
5	256QAM	1	0	19.93	21.43	21.57	21.50	21.60	21.70
5	256QAM	1	12	21.58	21.45	21.38	21.49	21.37	21.70
5	256QAM	1	24	21.55	21.45	21.47	21.52	21.48	21.70
5	256QAM	12	0	19.92	21.48	21.45	21.54	21.45	21.70
5	256QAM	12	7	21.54	21.54	21.41	21.49	21.41	21.70
5	256QAM	12	13	19.91	21.49	21.50	21.47	21.49	21.70
5	256QAM	25	0	19.93	21.49	21.47	21.45	21.39	21.70

【LTE Band 41 FCC (2496~2690MHz) Ant 2 ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.16	24.20	24.38	24.20	23.96	25.00
20	QPSK	1	49	23.98	24.03	24.16	24.03	23.81	25.00
20	QPSK	1	99	24.18	24.15	24.24	24.10	24.02	25.00
20	QPSK	50	0	23.04	23.08	23.22	23.12	22.87	24.00
20	QPSK	50	24	22.99	23.04	23.11	23.03	22.81	24.00
20	QPSK	50	50	23.06	23.08	23.13	23.04	22.87	24.00
20	QPSK	100	0	23.06	23.07	23.15	23.07	22.84	24.00
20	16QAM	1	0	23.22	23.26	23.43	23.22	23.02	24.00
20	16QAM	1	49	23.10	23.13	23.23	23.11	22.88	24.00
20	16QAM	1	99	23.20	23.22	23.24	23.11	23.06	24.00
20	16QAM	50	0	22.10	22.14	22.28	22.15	21.91	23.00
20	16QAM	50	24	22.03	22.08	22.17	22.09	21.88	23.00
20	16QAM	50	50	22.12	22.12	22.17	22.08	21.93	23.00
20	16QAM	100	0	22.11	22.13	22.21	22.12	21.91	23.00
20	64QAM	1	0	21.84	21.90	22.05	21.89	21.67	23.00
20	64QAM	1	49	21.71	21.73	21.88	21.74	21.52	23.00
20	64QAM	1	99	21.86	21.83	21.94	21.79	21.73	23.00
20	64QAM	50	0	21.14	21.16	21.29	21.18	20.95	22.00
20	64QAM	50	24	21.08	21.12	21.21	21.11	20.93	22.00
20	64QAM	50	50	21.13	21.15	21.19	21.10	20.96	22.00
20	64QAM	100	0	21.17	21.16	21.26	21.16	20.96	22.00
20	256QAM	1	0	19.08	19.31	19.20	19.11	19.10	20.00
20	256QAM	1	49	19.00	19.05	19.11	19.02	19.03	20.00
20	256QAM	1	99	19.05	19.07	19.14	18.93	18.94	20.00
20	256QAM	50	0	19.17	19.24	19.32	19.26	18.97	20.00
20	256QAM	50	24	19.16	19.23	19.25	19.22	18.99	20.00
20	256QAM	50	50	19.19	19.26	19.26	19.15	19.02	20.00
20	256QAM	100	0	19.13	19.19	19.23	19.15	18.95	20.00
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	24.11	24.22	24.33	24.18	23.98	25.00
15	QPSK	1	37	24.00	24.05	24.17	24.04	23.90	25.00
15	QPSK	1	74	24.17	24.20	24.22	24.15	24.02	25.00
15	QPSK	36	0	22.98	23.03	23.14	23.05	22.82	24.00
15	QPSK	36	20	22.92	22.97	23.03	22.95	22.76	24.00
15	QPSK	36	39	22.95	23.01	23.06	22.97	22.83	24.00
15	QPSK	75	0	22.96	23.01	23.11	23.02	22.83	24.00
15	16QAM	1	0	23.18	23.23	23.38	23.24	23.00	24.00
15	16QAM	1	37	23.09	23.16	23.25	23.15	22.92	24.00
15	16QAM	1	74	23.13	23.21	23.26	23.13	23.06	24.00
15	16QAM	36	0	22.00	22.06	22.16	22.08	21.84	23.00
15	16QAM	36	20	21.97	22.00	22.08	22.01	21.81	23.00
15	16QAM	36	39	21.99	22.03	22.09	22.00	21.84	23.00
15	16QAM	75	0	22.00	22.07	22.13	22.05	21.86	23.00
15	64QAM	1	0	21.79	21.80	21.97	21.84	21.59	23.00
15	64QAM	1	37	21.65	21.68	21.84	21.72	21.54	23.00
15	64QAM	1	74	21.78	21.82	21.90	21.77	21.67	23.00
15	64QAM	36	0	21.03	21.07	21.19	21.10	20.88	22.00
15	64QAM	36	20	20.99	21.04	21.12	21.03	20.85	22.00
15	64QAM	36	39	21.00	21.07	21.13	21.02	20.89	22.00
15	64QAM	75	0	21.06	21.09	21.17	21.07	20.92	22.00
15	256QAM	1	0	18.64	18.69	18.60	19.12	18.78	20.00
15	256QAM	1	37	18.99	18.94	18.95	19.01	18.77	20.00
15	256QAM	1	74	19.00	19.04	19.11	18.98	18.91	20.00
15	256QAM	36	0	19.06	19.14	19.19	19.17	18.92	20.00
15	256QAM	36	20	19.07	19.14	19.18	19.11	18.92	20.00
15	256QAM	36	39	19.07	19.17	19.17	19.07	18.96	20.00
15	256QAM	75	0	19.08	19.15	19.22	19.14	18.94	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.11	24.19	24.30	24.17	23.99	25.00
10	QPSK	1	25	23.99	24.03	24.14	24.00	23.90	25.00
10	QPSK	1	49	24.09	24.14	24.22	24.12	24.04	25.00
10	QPSK	25	0	23.03	23.06	23.18	23.08	22.90	24.00
10	QPSK	25	12	22.96	23.03	23.10	23.01	22.88	24.00
10	QPSK	25	25	23.01	23.08	23.11	23.01	22.91	24.00

10	QPSK	50	0	22.97	23.04	23.11	23.03	22.86	24.00
10	16QAM	1	0	23.18	23.23	23.37	23.26	23.01	24.00
10	16QAM	1	25	23.07	23.11	23.23	23.10	22.94	24.00
10	16QAM	1	49	23.18	23.19	23.27	23.13	23.07	24.00
10	16QAM	25	0	22.04	22.09	22.19	22.11	21.92	23.00
10	16QAM	25	12	22.00	22.02	22.12	22.05	21.89	23.00
10	16QAM	25	25	22.02	22.07	22.13	22.04	21.92	23.00
10	16QAM	50	0	22.02	22.10	22.16	22.08	21.91	23.00
10	64QAM	1	0	21.79	21.79	21.95	21.84	21.62	23.00
10	64QAM	1	25	21.67	21.66	21.82	21.69	21.55	23.00
10	64QAM	1	49	21.75	21.78	21.90	21.74	21.69	23.00
10	64QAM	25	0	21.08	21.11	21.22	21.12	20.96	22.00
10	64QAM	25	12	21.03	21.09	21.18	21.08	20.95	22.00
10	64QAM	25	25	21.10	21.11	21.19	21.08	20.97	22.00
10	64QAM	50	0	21.06	21.10	21.19	21.10	20.96	22.00
10	256QAM	1	0	18.70	19.48	19.10	19.09	18.83	20.00
10	256QAM	1	25	18.88	18.98	18.99	18.94	18.83	20.00
10	256QAM	1	49	18.98	19.06	19.12	18.95	18.94	20.00
10	256QAM	25	0	19.09	19.15	19.23	19.17	18.99	20.00
10	256QAM	25	12	19.08	19.15	19.23	19.13	19.00	20.00
10	256QAM	25	25	19.11	19.17	19.22	19.09	19.01	20.00
10	256QAM	50	0	19.13	19.22	19.25	19.19	19.02	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.07	24.12	24.26	24.13	24.00	25.00
5	QPSK	1	12	24.03	24.07	24.17	24.05	23.94	25.00
5	QPSK	1	24	24.09	24.16	24.22	24.13	24.03	25.00
5	QPSK	12	0	23.00	23.03	23.13	23.06	22.91	24.00
5	QPSK	12	7	22.92	22.97	23.05	22.93	22.86	24.00
5	QPSK	12	13	22.97	23.01	23.10	22.99	22.90	24.00
5	QPSK	25	0	23.04	23.03	23.13	23.04	22.95	24.00
5	16QAM	1	0	23.13	23.15	23.27	23.14	23.01	24.00
5	16QAM	1	12	23.03	23.09	23.18	23.08	22.93	24.00
5	16QAM	1	24	23.16	23.15	23.24	23.09	23.02	24.00
5	16QAM	12	0	21.98	22.00	22.11	22.02	21.89	23.00
5	16QAM	12	7	21.92	21.97	22.05	21.96	21.86	23.00
5	16QAM	12	13	21.96	22.00	22.09	22.00	21.90	23.00
5	16QAM	25	0	22.02	22.06	22.14	22.05	21.96	23.00
5	64QAM	1	0	21.77	21.79	21.93	21.81	21.69	23.00
5	64QAM	1	12	21.70	21.73	21.88	21.75	21.62	23.00
5	64QAM	1	24	21.79	21.76	21.91	21.78	21.69	23.00
5	64QAM	12	0	21.09	21.13	21.23	21.12	21.00	22.00
5	64QAM	12	7	21.04	21.07	21.16	21.05	20.97	22.00
5	64QAM	12	13	21.06	21.11	21.19	21.08	20.98	22.00
5	64QAM	25	0	21.08	21.10	21.21	21.11	21.03	22.00
5	256QAM	1	0	18.97	19.02	19.20	19.10	18.87	20.00
5	256QAM	1	12	18.90	18.97	18.84	18.85	18.86	20.00
5	256QAM	1	24	18.98	19.02	19.13	18.95	18.92	20.00
5	256QAM	12	0	19.15	19.21	19.30	19.16	19.09	20.00
5	256QAM	12	7	19.10	19.20	19.24	19.11	19.06	20.00
5	256QAM	12	13	19.12	19.21	19.28	19.14	19.10	20.00
5	256QAM	25	0	19.11	19.18	19.24	19.10	19.05	20.00

【LTE Band 41 FCC (2496~2690MHz) Ant 2 ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power 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	24.16	24.20	24.38	24.20	23.96	24.50
20	QPSK	1	49	23.98	24.03	24.16	24.03	23.81	24.50
20	QPSK	1	99	24.18	24.15	24.24	24.10	24.02	24.50
20	QPSK	50	0	23.04	23.08	23.22	23.12	22.87	24.00
20	QPSK	50	24	22.99	23.04	23.11	23.03	22.81	24.00
20	QPSK	50	50	23.06	23.08	23.13	23.04	22.87	24.00
20	QPSK	100	0	23.06	23.07	23.15	23.07	22.84	24.00
20	16QAM	1	0	23.22	23.26	23.43	23.22	23.02	24.00
20	16QAM	1	49	23.10	23.13	23.23	23.11	22.88	24.00
20	16QAM	1	99	23.20	23.22	23.24	23.11	23.06	24.00
20	16QAM	50	0	22.10	22.14	22.28	22.15	21.91	23.00
20	16QAM	50	24	22.03	22.08	22.17	22.09	21.88	23.00
20	16QAM	50	50	22.12	22.12	22.17	22.08	21.93	23.00
20	16QAM	100	0	22.11	22.13	22.21	22.12	21.91	23.00
20	64QAM	1	0	21.84	21.90	22.05	21.89	21.67	23.00
20	64QAM	1	49	21.71	21.73	21.88	21.74	21.52	23.00
20	64QAM	1	99	21.86	21.83	21.94	21.79	21.73	23.00
20	64QAM	50	0	21.14	21.16	21.29	21.18	20.95	22.00
20	64QAM	50	24	21.08	21.12	21.21	21.11	20.93	22.00
20	64QAM	50	50	21.13	21.15	21.19	21.10	20.96	22.00
20	64QAM	100	0	21.17	21.16	21.26	21.16	20.96	22.00
20	256QAM	1	0	19.08	19.31	19.20	19.11	19.10	20.00
20	256QAM	1	49	19.00	19.05	19.11	19.02	19.03	20.00
20	256QAM	1	99	19.05	19.07	19.14	18.93	18.94	20.00
20	256QAM	50	0	19.17	19.24	19.32	19.26	18.97	20.00
20	256QAM	50	24	19.16	19.23	19.25	19.22	18.99	20.00
20	256QAM	50	50	19.19	19.26	19.26	19.15	19.02	20.00
20	256QAM	100	0	19.13	19.19	19.23	19.15	18.95	20.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.11	24.22	24.33	24.18	23.98	24.50
15	QPSK	1	37	24.00	24.05	24.17	24.04	23.90	24.50
15	QPSK	1	74	24.17	24.20	24.22	24.15	24.02	24.50
15	QPSK	36	0	22.98	23.03	23.14	23.05	22.82	24.00
15	QPSK	36	20	22.92	22.97	23.03	22.95	22.76	24.00
15	QPSK	36	39	22.95	23.01	23.06	22.97	22.83	24.00
15	QPSK	75	0	22.96	23.01	23.11	23.02	22.83	24.00
15	16QAM	1	0	23.18	23.23	23.38	23.24	23.00	24.00
15	16QAM	1	37	23.09	23.16	23.25	23.15	22.92	24.00
15	16QAM	1	74	23.13	23.21	23.26	23.13	23.06	24.00
15	16QAM	36	0	22.00	22.06	22.16	22.08	21.84	23.00
15	16QAM	36	20	21.97	22.00	22.08	22.01	21.81	23.00
15	16QAM	36	39	21.99	22.03	22.09	22.00	21.84	23.00
15	16QAM	75	0	22.00	22.07	22.13	22.05	21.86	23.00
15	64QAM	1	0	21.79	21.80	21.97	21.84	21.59	23.00
15	64QAM	1	37	21.65	21.68	21.84	21.72	21.54	23.00
15	64QAM	1	74	21.78	21.82	21.90	21.77	21.67	23.00
15	64QAM	36	0	21.03	21.07	21.19	21.10	20.88	22.00
15	64QAM	36	20	20.99	21.04	21.12	21.03	20.85	22.00
15	64QAM	36	39	21.00	21.07	21.13	21.02	20.89	22.00
15	64QAM	75	0	21.06	21.09	21.17	21.07	20.92	22.00
15	256QAM	1	0	18.64	18.69	18.60	19.12	18.78	20.00
15	256QAM	1	37	18.99	18.94	18.95	19.01	18.77	20.00
15	256QAM	1	74	19.00	19.04	19.11	18.98	18.91	20.00
15	256QAM	36	0	19.06	19.14	19.19	19.17	18.92	20.00
15	256QAM	36	20	19.07	19.14	19.18	19.11	18.92	20.00
15	256QAM	36	39	19.07	19.17	19.17	19.07	18.96	20.00
15	256QAM	75	0	19.08	19.15	19.22	19.14	18.94	20.00
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.11	24.19	24.30	24.17	23.99	24.50
10	QPSK	1	25	23.99	24.03	24.14	24.00	23.90	24.50
10	QPSK	1	49	24.09	24.14	24.22	24.12	24.04	24.50
10	QPSK	25	0	23.03	23.06	23.18	23.08	22.90	24.00
10	QPSK	25	12	22.96	23.03	23.10	23.01	22.88	24.00
10	QPSK	25	25	23.01	23.08	23.11	23.01	22.91	24.00
10	QPSK	50	0	22.97	23.04	23.11	23.03	22.86	24.00
10	16QAM	1	0	23.18	23.23	23.37	23.26	23.01	24.00



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10	16QAM	1	25	23.07	23.11	23.23	23.10	22.94	24.00
10	16QAM	1	49	23.18	23.19	23.27	23.13	23.07	24.00
10	16QAM	25	0	22.04	22.09	22.19	22.11	21.92	23.00
10	16QAM	25	12	22.00	22.02	22.12	22.05	21.89	23.00
10	16QAM	25	25	22.02	22.07	22.13	22.04	21.92	23.00
10	16QAM	50	0	22.02	22.10	22.16	22.08	21.91	23.00
10	64QAM	1	0	21.79	21.79	21.95	21.84	21.62	23.00
10	64QAM	1	25	21.67	21.66	21.82	21.69	21.55	23.00
10	64QAM	1	49	21.75	21.78	21.90	21.74	21.69	23.00
10	64QAM	25	0	21.08	21.11	21.22	21.12	20.96	22.00
10	64QAM	25	12	21.03	21.09	21.18	21.08	20.95	22.00
10	64QAM	25	25	21.10	21.11	21.19	21.08	20.97	22.00
10	64QAM	50	0	21.06	21.10	21.19	21.10	20.96	22.00
10	256QAM	1	0	18.70	19.48	19.10	19.09	18.83	20.00
10	256QAM	1	25	18.88	18.98	18.99	18.94	18.83	20.00
10	256QAM	1	49	18.98	19.06	19.12	18.95	18.94	20.00
10	256QAM	25	0	19.09	19.15	19.23	19.17	18.99	20.00
10	256QAM	25	12	19.08	19.15	19.23	19.13	19.00	20.00
10	256QAM	25	25	19.11	19.17	19.22	19.09	19.01	20.00
10	256QAM	50	0	19.13	19.22	19.25	19.19	19.02	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.07	24.12	24.26	24.13	24.00	24.50
5	QPSK	1	12	24.03	24.07	24.17	24.05	23.94	24.50
5	QPSK	1	24	24.09	24.16	24.22	24.13	24.03	24.50
5	QPSK	12	0	23.00	23.03	23.13	23.06	22.91	24.00
5	QPSK	12	7	22.92	22.97	23.05	22.93	22.86	24.00
5	QPSK	12	13	22.97	23.01	23.10	22.99	22.90	24.00
5	QPSK	25	0	23.04	23.03	23.13	23.04	22.95	24.00
5	16QAM	1	0	23.13	23.15	23.27	23.14	23.01	24.00
5	16QAM	1	12	23.03	23.09	23.18	23.08	22.93	24.00
5	16QAM	1	24	23.16	23.15	23.24	23.09	23.02	24.00
5	16QAM	12	0	21.98	22.00	22.11	22.02	21.89	23.00
5	16QAM	12	7	21.92	21.97	22.05	21.96	21.86	23.00
5	16QAM	12	13	21.96	22.00	22.09	22.00	21.90	23.00
5	16QAM	25	0	22.02	22.06	22.14	22.05	21.96	23.00
5	64QAM	1	0	21.77	21.79	21.93	21.81	21.69	23.00
5	64QAM	1	12	21.70	21.73	21.88	21.75	21.62	23.00
5	64QAM	1	24	21.79	21.76	21.91	21.78	21.69	23.00
5	64QAM	12	0	21.09	21.13	21.23	21.12	21.00	22.00
5	64QAM	12	7	21.04	21.07	21.16	21.05	20.97	22.00
5	64QAM	12	13	21.06	21.11	21.19	21.08	20.98	22.00
5	64QAM	25	0	21.08	21.10	21.21	21.11	21.03	22.00
5	256QAM	1	0	18.97	19.02	19.20	19.10	18.87	20.00
5	256QAM	1	12	18.90	18.97	18.84	18.85	18.86	20.00
5	256QAM	1	24	18.98	19.02	19.13	18.95	18.92	20.00
5	256QAM	12	0	19.15	19.21	19.30	19.16	19.09	20.00
5	256QAM	12	7	19.10	19.20	19.24	19.11	19.06	20.00
5	256QAM	12	13	19.12	19.21	19.28	19.14	19.10	20.00
5	256QAM	25	0	19.11	19.18	19.24	19.10	19.05	20.00

【LTE Band 41 FCC (2496~2690MHz) Ant 2 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	19.20
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.83	18.82	18.82	18.97	18.86	19.20
20	QPSK	1	49	18.74	18.76	18.81	18.87	18.80	19.20
20	QPSK	1	99	18.81	18.79	18.80	18.86	18.74	19.20
20	QPSK	50	0	18.78	18.79	18.86	18.93	18.86	19.20
20	QPSK	50	24	18.75	18.75	18.79	18.85	18.78	19.20
20	QPSK	50	50	18.78	18.77	18.86	18.84	18.75	19.20
20	QPSK	100	0	18.77	18.80	18.81	18.85	18.76	19.20
20	16QAM	1	0	18.81	18.82	18.90	18.92	18.85	19.20
20	16QAM	1	49	18.80	18.84	18.78	18.89	18.87	19.20
20	16QAM	1	99	18.78	18.75	18.75	18.90	18.83	19.20
20	16QAM	50	0	18.85	18.84	18.72	18.89	18.90	19.20
20	16QAM	50	24	18.82	18.82	18.76	18.91	18.84	19.20
20	16QAM	50	50	18.77	18.81	18.91	18.89	18.79	19.20
20	16QAM	100	0	18.74	18.76	18.77	18.74	18.82	19.20
20	64QAM	1	0	18.72	18.69	18.70	18.74	18.72	19.20
20	64QAM	1	49	18.63	18.63	18.65	18.63	18.62	19.20
20	64QAM	1	99	18.71	18.68	18.60	18.72	18.63	19.20
20	64QAM	50	0	18.88	18.88	18.82	19.00	18.93	19.20
20	64QAM	50	24	18.86	18.87	18.88	18.85	18.86	19.20
20	64QAM	50	50	18.78	18.77	18.72	18.83	18.81	19.20
20	64QAM	100	0	18.79	18.78	18.80	18.83	18.87	19.20
20	256QAM	1	0	18.68	18.71	18.83	18.85	18.84	19.20
20	256QAM	1	49	18.71	18.77	18.78	18.85	18.75	19.20
20	256QAM	1	99	18.80	18.78	18.84	18.87	18.68	19.20
20	256QAM	50	0	18.75	18.86	18.81	18.76	18.81	19.20
20	256QAM	50	24	18.93	18.83	18.76	18.82	18.77	19.20
20	256QAM	50	50	18.65	18.66	18.80	18.78	18.75	19.20
20	256QAM	100	0	18.77	18.81	18.74	18.80	18.79	19.20
Channel				39725	40173	40620	41068	41515	19.20
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.70	18.73	18.70	18.91	18.76	19.20
15	QPSK	1	37	18.71	18.63	18.68	18.84	18.76	19.20
15	QPSK	1	74	18.75	18.67	18.86	18.82	18.64	19.20
15	QPSK	36	0	18.64	18.76	18.71	18.85	18.77	19.20
15	QPSK	36	20	18.66	18.60	18.72	18.79	18.64	19.20
15	QPSK	36	39	18.73	18.72	18.72	18.77	18.64	19.20
15	QPSK	75	0	18.68	18.75	18.74	18.72	18.64	19.20
15	16QAM	1	0	18.78	18.74	18.86	18.90	18.81	19.20
15	16QAM	1	37	18.67	18.75	18.68	18.84	18.80	19.20
15	16QAM	1	74	18.72	18.62	18.68	18.75	18.68	19.20
15	16QAM	36	0	18.75	18.76	18.63	18.78	18.81	19.20
15	16QAM	36	20	18.67	18.81	18.71	18.82	18.71	19.20
15	16QAM	36	39	18.73	18.72	18.88	18.80	18.66	19.20
15	16QAM	75	0	18.64	18.65	18.65	18.72	18.69	19.20
15	64QAM	1	0	18.68	18.65	18.61	18.65	18.63	19.20
15	64QAM	1	37	18.61	18.60	18.62	18.60	18.60	19.20
15	64QAM	1	74	18.65	18.61	18.61	18.65	18.60	19.20
15	64QAM	36	0	18.74	18.76	18.75	18.86	18.85	19.20
15	64QAM	36	20	18.72	18.78	18.84	18.73	18.81	19.20
15	64QAM	36	39	18.70	18.68	18.62	18.73	18.73	19.20
15	64QAM	75	0	18.73	18.64	18.74	18.70	18.85	19.20
15	256QAM	1	0	18.65	18.64	18.70	18.80	18.77	19.20
15	256QAM	1	37	18.63	18.66	18.72	18.82	18.67	19.20
15	256QAM	1	74	18.77	18.70	18.79	18.75	18.61	19.20
15	256QAM	36	0	18.60	18.84	18.68	18.71	18.66	19.20
15	256QAM	36	20	18.82	18.79	18.69	18.73	18.73	19.20
15	256QAM	36	39	18.52	18.63	18.67	18.67	18.63	19.20
15	256QAM	75	0	18.74	18.69	18.61	18.66	18.64	19.20
Channel				39700	40160	40620	41080	41540	19.20
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.81	18.72	18.72	18.87	18.72	19.20
10	QPSK	1	25	18.61	18.63	18.78	18.75	18.66	19.20
10	QPSK	1	49	18.70	18.66	18.76	18.79	18.67	19.20
10	QPSK	25	0	18.70	18.67	18.77	18.88	18.83	19.20
10	QPSK	25	12	18.66	18.73	18.78	18.82	18.70	19.20
10	QPSK	25	25	18.64	18.73	18.75	18.78	18.68	19.20
10	QPSK	50	0	18.71	18.78	18.68	18.72	18.69	19.20
10	16QAM	1	0	18.70	18.75	18.77	18.78	18.73	19.20

10	16QAM	1	25	18.68	18.77	18.72	18.77	18.82	19.20
10	16QAM	1	49	18.72	18.67	18.66	18.80	18.69	19.20
10	16QAM	25	0	18.82	18.70	18.70	18.74	18.85	19.20
10	16QAM	25	12	18.75	18.73	18.62	18.79	18.82	19.20
10	16QAM	25	25	18.75	18.74	18.84	18.77	18.75	19.20
10	16QAM	50	0	18.63	18.63	18.64	18.65	18.72	19.20
10	64QAM	1	0	18.68	18.67	18.68	18.60	18.62	19.20
10	64QAM	1	25	18.60	18.60	18.61	18.62	18.60	19.20
10	64QAM	1	49	18.69	18.60	18.60	18.67	18.61	19.20
10	64QAM	25	0	18.77	18.87	18.69	18.95	18.85	19.20
10	64QAM	25	12	18.78	18.80	18.84	18.76	18.77	19.20
10	64QAM	25	25	18.65	18.74	18.64	18.82	18.76	19.20
10	64QAM	50	0	18.75	18.64	18.73	18.81	18.83	19.20
10	256QAM	1	0	18.56	18.62	18.68	18.77	18.81	19.20
10	256QAM	1	25	18.61	18.73	18.66	18.74	18.70	19.20
10	256QAM	1	49	18.78	18.64	18.74	18.77	18.58	19.20
10	256QAM	25	0	18.68	18.84	18.76	18.62	18.67	19.20
10	256QAM	25	12	18.82	18.69	18.64	18.80	18.63	19.20
10	256QAM	25	25	18.57	18.55	18.66	18.67	18.61	19.20
10	256QAM	50	0	18.65	18.72	18.64	18.72	18.67	19.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.71	18.71	18.78	18.95	18.76	19.20
5	QPSK	1	12	18.72	18.62	18.79	18.77	18.77	19.20
5	QPSK	1	24	18.79	18.73	18.88	18.83	18.72	19.20
5	QPSK	12	0	18.66	18.76	18.73	18.88	18.71	19.20
5	QPSK	12	7	18.65	18.73	18.71	18.73	18.69	19.20
5	QPSK	12	13	18.75	18.65	18.85	18.74	18.67	19.20
5	QPSK	25	0	18.74	18.72	18.77	18.70	18.63	19.20
5	16QAM	1	0	18.76	18.76	18.86	18.89	18.78	19.20
5	16QAM	1	12	18.73	18.70	18.66	18.87	18.80	19.20
5	16QAM	1	24	18.65	18.61	18.71	18.77	18.72	19.20
5	16QAM	12	0	18.70	18.76	18.71	18.75	18.77	19.20
5	16QAM	12	7	18.75	18.74	18.73	18.82	18.79	19.20
5	16QAM	12	13	18.65	18.78	18.80	18.86	18.69	19.20
5	16QAM	25	0	18.66	18.65	18.74	18.62	18.70	19.20
5	64QAM	1	0	18.66	18.64	18.68	18.68	18.68	19.20
5	64QAM	1	12	18.60	18.62	18.61	18.60	18.60	19.20
5	64QAM	1	24	18.66	18.61	18.62	18.67	18.61	19.20
5	64QAM	12	0	18.83	18.77	18.77	18.89	18.80	19.20
5	64QAM	12	7	18.72	18.81	18.83	18.78	18.84	19.20
5	64QAM	12	13	18.69	18.65	18.61	18.70	18.68	19.20
5	64QAM	25	0	18.64	18.71	18.74	18.81	18.74	19.20
5	256QAM	1	0	18.62	18.59	18.81	18.78	18.78	19.20
5	256QAM	1	12	18.58	18.64	18.75	18.76	18.69	19.20
5	256QAM	1	24	18.77	18.76	18.81	18.80	18.65	19.20
5	256QAM	12	0	18.63	18.77	18.67	18.67	18.71	19.20
5	256QAM	12	7	18.91	18.74	18.70	18.68	18.75	19.20
5	256QAM	12	13	18.53	18.53	18.72	18.77	18.72	19.20
5	256QAM	25	0	18.64	18.78	18.68	18.73	18.66	19.20

【LTE Band 41 FCC (2496~2690MHz) Ant 2 ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.65	19.66	19.62	19.82	19.71	20.50
20	QPSK	1	49	19.62	19.65	19.69	19.69	19.60	20.50
20	QPSK	1	99	19.62	19.61	19.66	19.76	19.56	20.50
20	QPSK	50	0	19.65	19.65	19.75	19.78	19.76	20.50
20	QPSK	50	24	19.65	19.57	19.60	19.74	19.64	20.50
20	QPSK	50	50	19.67	19.66	19.74	19.68	19.62	20.50
20	QPSK	100	0	19.67	19.68	19.61	19.74	19.61	20.50
20	16QAM	1	0	19.66	19.66	19.75	19.81	19.66	20.50
20	16QAM	1	49	19.70	19.69	19.61	19.71	19.69	20.50
20	16QAM	1	99	19.67	19.60	19.61	19.74	19.71	20.50
20	16QAM	50	0	19.67	19.70	19.57	19.75	19.79	20.50
20	16QAM	50	24	19.72	19.65	19.60	19.79	19.67	20.50
20	16QAM	50	50	19.63	19.71	19.81	19.71	19.63	20.50
20	16QAM	100	0	19.55	19.61	19.67	19.60	19.71	20.50
20	64QAM	1	0	19.61	19.52	19.56	19.59	19.57	20.50
20	64QAM	1	49	19.48	19.53	19.54	19.50	19.48	20.50
20	64QAM	1	99	19.54	19.52	19.40	19.62	19.45	20.50
20	64QAM	50	0	19.68	19.69	19.69	19.89	19.73	20.50
20	64QAM	50	24	19.66	19.68	19.71	19.67	19.66	20.50
20	64QAM	50	50	19.65	19.59	19.60	19.73	19.65	20.50
20	64QAM	100	0	19.63	19.59	19.69	19.73	19.70	20.50
20	256QAM	1	0	19.50	19.61	19.66	19.69	19.68	20.00
20	256QAM	1	49	19.51	19.59	19.62	19.70	19.65	20.00
20	256QAM	1	99	19.60	19.67	19.70	19.68	19.55	20.00
20	256QAM	50	0	19.62	19.67	19.65	19.59	19.61	20.00
20	256QAM	50	24	19.83	19.70	19.63	19.67	19.63	20.00
20	256QAM	50	50	19.47	19.55	19.67	19.61	19.63	20.00
20	256QAM	100	0	19.58	19.62	19.54	19.60	19.63	20.00
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	19.52	19.64	19.53	19.77	19.69	20.50
15	QPSK	1	37	19.53	19.58	19.62	19.67	19.45	20.50
15	QPSK	1	74	19.49	19.47	19.59	19.62	19.51	20.50
15	QPSK	36	0	19.51	19.53	19.62	19.67	19.64	20.50
15	QPSK	36	20	19.62	19.54	19.48	19.69	19.49	20.50
15	QPSK	36	39	19.54	19.56	19.62	19.56	19.55	20.50
15	QPSK	75	0	19.61	19.64	19.57	19.66	19.58	20.50
15	16QAM	1	0	19.55	19.57	19.60	19.70	19.55	20.50
15	16QAM	1	37	19.65	19.66	19.51	19.68	19.55	20.50
15	16QAM	1	74	19.65	19.51	19.51	19.66	19.66	20.50
15	16QAM	36	0	19.54	19.56	19.47	19.67	19.70	20.50
15	16QAM	36	20	19.58	19.60	19.56	19.73	19.57	20.50
15	16QAM	36	39	19.58	19.63	19.61	19.59	19.56	20.50
15	16QAM	75	0	19.50	19.56	19.62	19.58	19.59	20.50
15	64QAM	1	0	19.53	19.45	19.45	19.53	19.51	20.50
15	64QAM	1	37	19.40	19.42	19.49	19.37	19.37	20.50
15	64QAM	1	74	19.43	19.50	19.38	19.56	19.35	20.50
15	64QAM	36	0	19.59	19.66	19.58	19.82	19.59	20.50
15	64QAM	36	20	19.61	19.55	19.61	19.65	19.55	20.50
15	64QAM	36	39	19.62	19.46	19.57	19.65	19.54	20.50
15	64QAM	75	0	19.53	19.56	19.59	19.67	19.67	20.50
15	256QAM	1	0	19.35	19.52	19.52	19.60	19.65	20.00
15	256QAM	1	37	19.42	19.57	19.57	19.64	19.56	20.00
15	256QAM	1	74	19.54	19.60	19.62	19.62	19.43	20.00
15	256QAM	36	0	19.54	19.59	19.56	19.55	19.49	20.00
15	256QAM	36	20	19.65	19.63	19.50	19.65	19.56	20.00
15	256QAM	36	39	19.34	19.46	19.57	19.54	19.50	20.00
15	256QAM	75	0	19.56	19.58	19.42	19.57	19.61	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.56	19.61	19.51	19.78	19.61	20.50
10	QPSK	1	25	19.51	19.60	19.62	19.65	19.50	20.50
10	QPSK	1	49	19.59	19.60	19.54	19.61	19.51	20.50
10	QPSK	25	0	19.57	19.51	19.61	19.76	19.61	20.50
10	QPSK	25	12	19.52	19.43	19.45	19.63	19.55	20.50
10	QPSK	25	25	19.57	19.58	19.60	19.58	19.52	20.50
10	QPSK	50	0	19.56	19.66	19.50	19.62	19.55	20.50
10	16QAM	1	0	19.59	19.62	19.62	19.69	19.64	20.50



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10	16QAM	1	25	19.58	19.66	19.49	19.57	19.59	20.50
10	16QAM	1	49	19.53	19.50	19.59	19.66	19.66	20.50
10	16QAM	25	0	19.55	19.62	19.45	19.72	19.65	20.50
10	16QAM	25	12	19.65	19.57	19.52	19.67	19.56	20.50
10	16QAM	25	25	19.53	19.65	19.61	19.63	19.49	20.50
10	16QAM	50	0	19.46	19.47	19.55	19.58	19.68	20.50
10	64QAM	1	0	19.51	19.43	19.48	19.57	19.52	20.50
10	64QAM	1	25	19.45	19.51	19.43	19.37	19.40	20.50
10	64QAM	1	49	19.45	19.49	19.31	19.48	19.41	20.50
10	64QAM	25	0	19.65	19.54	19.55	19.81	19.68	20.50
10	64QAM	25	12	19.56	19.55	19.56	19.62	19.65	20.50
10	64QAM	25	25	19.51	19.53	19.56	19.71	19.63	20.50
10	64QAM	50	0	19.49	19.57	19.59	19.60	19.59	20.50
10	256QAM	1	0	19.36	19.57	19.53	19.55	19.64	20.00
10	256QAM	1	25	19.50	19.45	19.60	19.60	19.58	20.00
10	256QAM	1	49	19.58	19.64	19.62	19.64	19.42	20.00
10	256QAM	25	0	19.55	19.62	19.62	19.55	19.60	20.00
10	256QAM	25	12	19.64	19.59	19.61	19.54	19.60	20.00
10	256QAM	25	25	19.42	19.49	19.61	19.51	19.56	20.00
10	256QAM	50	0	19.44	19.58	19.49	19.53	19.54	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.61	19.60	19.58	19.77	19.66	20.50
5	QPSK	1	12	19.52	19.53	19.56	19.54	19.56	20.50
5	QPSK	1	24	19.51	19.50	19.60	19.65	19.50	20.50
5	QPSK	12	0	19.57	19.53	19.62	19.75	19.66	20.50
5	QPSK	12	7	19.59	19.47	19.58	19.66	19.56	20.50
5	QPSK	12	13	19.55	19.64	19.62	19.66	19.60	20.50
5	QPSK	25	0	19.57	19.65	19.49	19.70	19.52	20.50
5	16QAM	1	0	19.58	19.57	19.61	19.69	19.57	20.50
5	16QAM	1	12	19.65	19.65	19.52	19.59	19.64	20.50
5	16QAM	1	24	19.57	19.50	19.49	19.70	19.61	20.50
5	16QAM	12	0	19.62	19.56	19.46	19.71	19.71	20.50
5	16QAM	12	7	19.64	19.54	19.56	19.74	19.58	20.50
5	16QAM	12	13	19.54	19.66	19.62	19.69	19.55	20.50
5	16QAM	25	0	19.44	19.59	19.53	19.49	19.63	20.50
5	64QAM	1	0	19.52	19.44	19.42	19.52	19.43	20.50
5	64QAM	1	12	19.39	19.49	19.45	19.49	19.44	20.50
5	64QAM	1	24	19.41	19.42	19.29	19.55	19.35	20.50
5	64QAM	12	0	19.56	19.54	19.55	19.76	19.62	20.50
5	64QAM	12	7	19.58	19.62	19.62	19.55	19.62	20.50
5	64QAM	12	13	19.54	19.58	19.49	19.63	19.64	20.50
5	64QAM	25	0	19.52	19.56	19.62	19.58	19.62	20.50
5	256QAM	1	0	19.37	19.55	19.55	19.67	19.61	20.00
5	256QAM	1	12	19.48	19.45	19.53	19.67	19.59	20.00
5	256QAM	1	24	19.45	19.52	19.56	19.62	19.49	20.00
5	256QAM	12	0	19.58	19.60	19.55	19.53	19.59	20.00
5	256QAM	12	7	19.65	19.66	19.57	19.54	19.58	20.00
5	256QAM	12	13	19.32	19.42	19.52	19.52	19.59	20.00
5	256QAM	25	0	19.54	19.49	19.49	19.53	19.62	20.00

【LTE Band 41 FCC (2496~2690MHz) Ant 2 ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.83	18.82	18.82	18.97	18.86	19.20
20	QPSK	1	49	18.74	18.76	18.81	18.87	18.80	19.20
20	QPSK	1	99	18.81	18.79	18.80	18.86	18.74	19.20
20	QPSK	50	0	18.78	18.79	18.86	18.93	18.86	19.20
20	QPSK	50	24	18.75	18.75	18.79	18.85	18.78	19.20
20	QPSK	50	50	18.78	18.77	18.86	18.84	18.75	19.20
20	QPSK	100	0	18.77	18.80	18.81	18.85	18.76	19.20
20	16QAM	1	0	18.81	18.82	18.90	18.92	18.85	19.20
20	16QAM	1	49	18.80	18.84	18.78	18.89	18.87	19.20
20	16QAM	1	99	18.78	18.75	18.75	18.90	18.83	19.20
20	16QAM	50	0	18.85	18.84	18.72	18.89	18.90	19.20
20	16QAM	50	24	18.82	18.82	18.76	18.91	18.84	19.20
20	16QAM	50	50	18.77	18.81	18.91	18.89	18.79	19.20
20	16QAM	100	0	18.74	18.76	18.77	18.74	18.82	19.20
20	64QAM	1	0	18.72	18.69	18.70	18.74	18.72	19.20
20	64QAM	1	49	18.63	18.63	18.65	18.63	18.62	19.20
20	64QAM	1	99	18.71	18.68	18.60	18.72	18.63	19.20
20	64QAM	50	0	18.88	18.88	18.82	19.00	18.93	19.20
20	64QAM	50	24	18.86	18.87	18.88	18.85	18.86	19.20
20	64QAM	50	50	18.78	18.77	18.72	18.83	18.81	19.20
20	64QAM	100	0	18.79	18.78	18.80	18.83	18.87	19.20
20	256QAM	1	0	18.68	18.71	18.83	18.85	18.84	19.20
20	256QAM	1	49	18.71	18.77	18.78	18.85	18.75	19.20
20	256QAM	1	99	18.80	18.78	18.84	18.87	18.68	19.20
20	256QAM	50	0	18.75	18.86	18.81	18.76	18.81	19.20
20	256QAM	50	24	18.93	18.83	18.76	18.82	18.77	19.20
20	256QAM	50	50	18.65	18.66	18.80	18.78	18.75	19.20
20	256QAM	100	0	18.77	18.81	18.74	18.80	18.79	19.20
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	18.70	18.73	18.70	18.91	18.76	19.20
15	QPSK	1	37	18.71	18.63	18.68	18.84	18.76	19.20
15	QPSK	1	74	18.75	18.67	18.86	18.82	18.64	19.20
15	QPSK	36	0	18.64	18.76	18.71	18.85	18.77	19.20
15	QPSK	36	20	18.66	18.60	18.72	18.79	18.64	19.20
15	QPSK	36	39	18.73	18.72	18.72	18.77	18.64	19.20
15	QPSK	75	0	18.68	18.75	18.74	18.72	18.64	19.20
15	16QAM	1	0	18.78	18.74	18.86	18.90	18.81	19.20
15	16QAM	1	37	18.67	18.75	18.68	18.84	18.80	19.20
15	16QAM	1	74	18.72	18.62	18.68	18.75	18.68	19.20
15	16QAM	36	0	18.75	18.76	18.63	18.78	18.81	19.20
15	16QAM	36	20	18.67	18.81	18.71	18.82	18.71	19.20
15	16QAM	36	39	18.73	18.72	18.88	18.80	18.66	19.20
15	16QAM	75	0	18.64	18.65	18.65	18.72	18.69	19.20
15	64QAM	1	0	18.68	18.65	18.61	18.65	18.63	19.20
15	64QAM	1	37	18.61	18.60	18.62	18.60	18.60	19.20
15	64QAM	1	74	18.65	18.61	18.61	18.65	18.60	19.20
15	64QAM	36	0	18.74	18.76	18.75	18.86	18.85	19.20
15	64QAM	36	20	18.72	18.78	18.84	18.73	18.81	19.20
15	64QAM	36	39	18.70	18.68	18.62	18.73	18.73	19.20
15	64QAM	75	0	18.73	18.64	18.74	18.70	18.85	19.20
15	256QAM	1	0	18.65	18.64	18.70	18.80	18.77	19.20
15	256QAM	1	37	18.63	18.66	18.72	18.82	18.67	19.20
15	256QAM	1	74	18.77	18.70	18.79	18.75	18.61	19.20
15	256QAM	36	0	18.60	18.84	18.68	18.71	18.66	19.20
15	256QAM	36	20	18.82	18.79	18.69	18.73	18.73	19.20
15	256QAM	36	39	18.52	18.63	18.67	18.67	18.63	19.20
15	256QAM	75	0	18.74	18.69	18.61	18.66	18.64	19.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.81	18.72	18.72	18.87	18.72	19.20
10	QPSK	1	25	18.61	18.63	18.78	18.75	18.66	19.20
10	QPSK	1	49	18.70	18.66	18.76	18.79	18.67	19.20
10	QPSK	25	0	18.70	18.67	18.77	18.88	18.83	19.20
10	QPSK	25	12	18.66	18.73	18.78	18.82	18.70	19.20
10	QPSK	25	25	18.64	18.73	18.75	18.78	18.68	19.20
10	QPSK	50	0	18.71	18.78	18.68	18.72	18.69	19.20
10	16QAM	1	0	18.70	18.75	18.77	18.78	18.73	19.20

10	16QAM	1	25	18.68	18.77	18.72	18.77	18.82	19.20
10	16QAM	1	49	18.72	18.67	18.66	18.80	18.69	19.20
10	16QAM	25	0	18.82	18.70	18.70	18.74	18.85	19.20
10	16QAM	25	12	18.75	18.73	18.62	18.79	18.82	19.20
10	16QAM	25	25	18.75	18.74	18.84	18.77	18.75	19.20
10	16QAM	50	0	18.63	18.63	18.64	18.65	18.72	19.20
10	64QAM	1	0	18.68	18.67	18.68	18.60	18.62	19.20
10	64QAM	1	25	18.60	18.60	18.61	18.62	18.60	19.20
10	64QAM	1	49	18.69	18.60	18.60	18.67	18.61	19.20
10	64QAM	25	0	18.77	18.87	18.69	18.95	18.85	19.20
10	64QAM	25	12	18.78	18.80	18.84	18.76	18.77	19.20
10	64QAM	25	25	18.65	18.74	18.64	18.82	18.76	19.20
10	64QAM	50	0	18.75	18.64	18.73	18.81	18.83	19.20
10	256QAM	1	0	18.56	18.62	18.68	18.77	18.81	19.20
10	256QAM	1	25	18.61	18.73	18.66	18.74	18.70	19.20
10	256QAM	1	49	18.78	18.64	18.74	18.77	18.58	19.20
10	256QAM	25	0	18.68	18.84	18.76	18.62	18.67	19.20
10	256QAM	25	12	18.82	18.69	18.64	18.80	18.63	19.20
10	256QAM	25	25	18.57	18.55	18.66	18.67	18.61	19.20
10	256QAM	50	0	18.65	18.72	18.64	18.72	18.67	19.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.71	18.71	18.78	18.95	18.76	19.20
5	QPSK	1	12	18.72	18.62	18.79	18.77	18.77	19.20
5	QPSK	1	24	18.79	18.73	18.88	18.83	18.72	19.20
5	QPSK	12	0	18.66	18.76	18.73	18.88	18.71	19.20
5	QPSK	12	7	18.65	18.73	18.71	18.73	18.69	19.20
5	QPSK	12	13	18.75	18.65	18.85	18.74	18.67	19.20
5	QPSK	25	0	18.74	18.72	18.77	18.70	18.63	19.20
5	16QAM	1	0	18.76	18.76	18.86	18.89	18.78	19.20
5	16QAM	1	12	18.73	18.70	18.66	18.87	18.80	19.20
5	16QAM	1	24	18.65	18.61	18.71	18.77	18.72	19.20
5	16QAM	12	0	18.70	18.76	18.71	18.75	18.77	19.20
5	16QAM	12	7	18.75	18.74	18.73	18.82	18.79	19.20
5	16QAM	12	13	18.65	18.78	18.80	18.86	18.69	19.20
5	16QAM	25	0	18.66	18.65	18.74	18.62	18.70	19.20
5	64QAM	1	0	18.66	18.64	18.68	18.68	18.68	19.20
5	64QAM	1	12	18.60	18.62	18.61	18.60	18.60	19.20
5	64QAM	1	24	18.66	18.61	18.62	18.67	18.61	19.20
5	64QAM	12	0	18.83	18.77	18.77	18.89	18.80	19.20
5	64QAM	12	7	18.72	18.81	18.83	18.78	18.84	19.20
5	64QAM	12	13	18.69	18.65	18.61	18.70	18.68	19.20
5	64QAM	25	0	18.64	18.71	18.74	18.81	18.74	19.20
5	256QAM	1	0	18.62	18.59	18.81	18.78	18.78	19.20
5	256QAM	1	12	18.58	18.64	18.75	18.76	18.69	19.20
5	256QAM	1	24	18.77	18.76	18.81	18.80	18.65	19.20
5	256QAM	12	0	18.63	18.77	18.67	18.67	18.71	19.20
5	256QAM	12	7	18.91	18.74	18.70	18.68	18.75	19.20
5	256QAM	12	13	18.53	18.53	18.72	18.77	18.72	19.20
5	256QAM	25	0	18.64	18.78	18.68	18.73	18.66	19.20

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.01	26.09	26.10	25.99	25.76	26.90
20	QPSK	1	49	25.83	25.85	26.04	25.99	25.75	26.90
20	QPSK	1	99	25.87	26.03	26.10	26.01	25.78	26.90
20	QPSK	50	0	24.95	24.93	25.10	24.96	24.77	25.90
20	QPSK	50	24	24.79	24.97	24.98	24.89	24.77	25.90
20	QPSK	50	50	24.99	24.94	25.01	24.96	24.73	25.90
20	QPSK	100	0	24.97	25.00	25.05	25.05	24.80	25.90
20	16QAM	1	0	25.24	25.18	25.43	25.23	25.04	25.90
20	16QAM	1	49	25.06	25.04	25.21	25.16	24.93	25.90
20	16QAM	1	99	25.17	25.16	25.32	25.17	25.13	25.90
20	16QAM	50	0	23.88	23.98	24.23	24.01	23.76	24.90
20	16QAM	50	24	23.89	23.94	24.13	24.03	23.68	24.90
20	16QAM	50	50	24.06	23.97	24.06	24.00	23.82	24.90
20	16QAM	100	0	24.05	24.04	24.20	23.98	23.79	24.90
20	64QAM	1	0	24.09	24.12	24.26	24.06	23.78	24.90
20	64QAM	1	49	23.82	23.95	24.01	23.86	23.73	24.90
20	64QAM	1	99	24.02	24.09	24.09	23.93	23.92	24.90
20	64QAM	50	0	23.06	23.02	23.28	23.04	22.76	23.90
20	64QAM	50	24	22.92	23.02	23.08	23.00	22.81	23.90
20	64QAM	50	50	23.04	22.99	23.12	23.03	22.84	23.90
20	64QAM	100	0	23.00	23.05	23.24	23.04	22.97	23.90
20	256QAM	1	0	21.07	21.08	21.26	21.15	20.91	21.90
20	256QAM	1	49	21.02	20.96	21.05	20.94	20.76	21.90
20	256QAM	1	99	21.10	21.06	21.21	21.02	20.95	21.90
20	256QAM	50	0	21.07	21.15	21.27	21.14	20.88	21.90
20	256QAM	50	24	21.01	21.06	21.16	21.05	20.83	21.90
20	256QAM	50	50	21.09	21.02	21.16	21.12	20.90	21.90
20	256QAM	100	0	20.97	21.10	21.15	21.06	21.01	21.90
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	26.03	26.06	26.09	26.06	25.83	26.90
15	QPSK	1	37	25.96	25.98	26.08	26.00	25.82	26.90
15	QPSK	1	74	25.99	26.05	26.07	25.98	25.90	26.90
15	QPSK	36	0	24.86	24.94	25.05	24.97	24.74	25.90
15	QPSK	36	20	24.82	24.88	24.97	24.88	24.69	25.90
15	QPSK	36	39	24.87	24.92	25.00	24.89	24.73	25.90
15	QPSK	75	0	24.89	24.93	25.02	24.93	24.72	25.90
15	16QAM	1	0	25.19	25.25	25.43	25.28	25.03	25.90
15	16QAM	1	37	25.12	25.16	25.32	25.19	24.97	25.90
15	16QAM	1	74	25.23	25.23	25.34	25.17	25.09	25.90
15	16QAM	36	0	23.91	23.97	24.08	23.99	23.74	24.90
15	16QAM	36	20	23.86	23.93	24.01	23.91	23.74	24.90
15	16QAM	36	39	23.89	23.95	24.03	23.92	23.77	24.90
15	16QAM	75	0	23.94	23.95	24.06	23.93	23.77	24.90
15	64QAM	1	0	23.94	24.03	24.16	24.01	23.77	24.90
15	64QAM	1	37	23.85	23.85	24.04	23.85	23.70	24.90
15	64QAM	1	74	23.94	23.98	24.03	23.92	23.83	24.90
15	64QAM	36	0	22.93	22.99	23.09	23.00	22.78	23.90
15	64QAM	36	20	22.91	22.93	23.04	22.95	22.76	23.90
15	64QAM	36	39	22.91	22.96	23.04	22.93	22.80	23.90
15	64QAM	75	0	22.98	22.97	23.08	23.01	22.80	23.90
15	256QAM	1	0	21.06	21.09	21.24	21.11	20.86	21.90
15	256QAM	1	37	20.96	20.95	21.10	20.98	20.78	21.90
15	256QAM	1	74	21.09	21.08	21.16	21.03	20.94	21.90
15	256QAM	36	0	20.95	21.01	21.14	21.04	20.82	21.90
15	256QAM	36	20	20.94	20.98	21.08	20.96	20.79	21.90
15	256QAM	36	39	20.95	20.98	21.08	20.96	20.82	21.90
15	256QAM	75	0	20.98	21.01	21.11	21.02	20.84	21.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.01	26.03	26.08	26.06	25.87	26.90
10	QPSK	1	25	25.93	25.95	26.09	25.93	25.83	26.90
10	QPSK	1	49	25.99	26.05	26.07	25.99	25.89	26.90
10	QPSK	25	0	24.92	24.96	25.08	24.98	24.82	25.90
10	QPSK	25	12	24.85	24.92	24.99	24.92	24.80	25.90
10	QPSK	25	25	24.92	24.97	25.04	24.92	24.82	25.90
10	QPSK	50	0	24.87	24.94	25.05	24.95	24.77	25.90
10	16QAM	1	0	25.22	25.24	25.42	25.27	25.04	25.90



FCC SAR TEST REPORT

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10	16QAM	1	25	25.09	25.08	25.28	25.14	24.98	25.90
10	16QAM	1	49	25.20	25.21	25.36	25.22	25.12	25.90
10	16QAM	25	0	23.97	23.99	24.13	24.02	23.83	24.90
10	16QAM	25	12	23.89	23.94	24.06	23.95	23.83	24.90
10	16QAM	25	25	23.95	23.97	24.06	23.96	23.84	24.90
10	16QAM	50	0	23.95	23.98	24.10	23.99	23.85	24.90
10	64QAM	1	0	23.91	23.97	24.13	23.99	23.78	24.90
10	64QAM	1	25	23.84	23.86	23.98	23.83	23.74	24.90
10	64QAM	1	49	23.93	23.95	24.03	23.88	23.80	24.90
10	64QAM	25	0	23.02	23.05	23.16	23.09	22.86	23.90
10	64QAM	25	12	22.97	23.00	23.11	23.02	22.88	23.90
10	64QAM	25	25	23.00	23.01	23.11	23.02	22.92	23.90
10	64QAM	50	0	22.95	23.00	23.10	23.01	22.85	23.90
10	256QAM	1	0	21.05	21.06	21.23	21.09	20.85	21.90
10	256QAM	1	25	20.96	20.92	21.07	20.95	20.80	21.90
10	256QAM	1	49	21.05	21.03	21.15	21.02	20.93	21.90
10	256QAM	25	0	20.99	21.02	21.16	21.04	20.87	21.90
10	256QAM	25	12	20.94	20.98	21.10	20.99	20.88	21.90
10	256QAM	25	25	21.01	21.01	21.12	21.00	20.90	21.90
10	256QAM	50	0	21.02	21.08	21.17	21.08	20.92	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.96	26.00	26.06	26.02	25.87	26.90
5	QPSK	1	12	25.90	25.97	26.08	25.94	25.83	26.90
5	QPSK	1	24	25.97	26.04	26.07	26.00	25.90	26.90
5	QPSK	12	0	24.88	24.95	25.03	24.94	24.81	25.90
5	QPSK	12	7	24.80	24.87	24.95	24.83	24.74	25.90
5	QPSK	12	13	24.87	24.90	25.00	24.90	24.78	25.90
5	QPSK	25	0	24.93	24.93	25.05	24.92	24.85	25.90
5	16QAM	1	0	25.17	25.18	25.37	25.20	25.05	25.90
5	16QAM	1	12	25.02	25.05	25.21	25.05	24.94	25.90
5	16QAM	1	24	25.17	25.15	25.31	25.16	25.06	25.90
5	16QAM	12	0	23.98	24.00	24.13	24.01	23.86	24.90
5	16QAM	12	7	23.90	23.96	24.04	23.93	23.83	24.90
5	16QAM	12	13	23.92	23.98	24.06	23.95	23.87	24.90
5	16QAM	25	0	23.94	23.97	24.07	23.97	23.86	24.90
5	64QAM	1	0	23.93	23.97	24.10	23.95	23.85	24.90
5	64QAM	1	12	23.89	23.92	24.09	23.90	23.79	24.90
5	64QAM	1	24	23.96	23.96	24.08	23.93	23.83	24.90
5	64QAM	12	0	23.02	23.05	23.16	23.04	22.91	23.90
5	64QAM	12	7	22.96	22.99	23.10	22.99	22.89	23.90
5	64QAM	12	13	22.96	23.03	23.10	23.00	22.88	23.90
5	64QAM	25	0	23.00	23.04	23.14	23.03	22.94	23.90
5	256QAM	1	0	21.05	21.03	21.16	21.04	20.88	21.90
5	256QAM	1	12	20.95	20.95	21.08	20.97	20.83	21.90
5	256QAM	1	24	21.04	21.01	21.14	20.99	20.90	21.90
5	256QAM	12	0	21.04	21.07	21.17	21.07	20.95	21.90
5	256QAM	12	7	21.00	21.04	21.13	21.02	20.92	21.90
5	256QAM	12	13	21.03	21.07	21.18	21.06	20.96	21.90
5	256QAM	25	0	21.02	21.00	21.11	21.00	20.92	21.90

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.01	26.09	26.10	25.99	25.76	26.10
20	QPSK	1	49	25.83	25.85	26.04	25.99	25.75	26.10
20	QPSK	1	99	25.87	26.03	26.10	26.01	25.78	26.10
20	QPSK	50	0	24.95	24.93	25.10	24.96	24.77	25.90
20	QPSK	50	24	24.79	24.97	24.98	24.89	24.77	25.90
20	QPSK	50	50	24.99	24.94	25.01	24.96	24.73	25.90
20	QPSK	100	0	24.97	25.00	25.05	25.05	24.80	25.90
20	16QAM	1	0	25.24	25.18	25.43	25.23	25.04	25.90
20	16QAM	1	49	25.06	25.04	25.21	25.16	24.93	25.90
20	16QAM	1	99	25.17	25.16	25.32	25.17	25.13	25.90
20	16QAM	50	0	23.88	23.98	24.23	24.01	23.76	24.90
20	16QAM	50	24	23.89	23.94	24.13	24.03	23.68	24.90
20	16QAM	50	50	24.06	23.97	24.06	24.00	23.82	24.90
20	16QAM	100	0	24.05	24.04	24.20	23.98	23.79	24.90
20	64QAM	1	0	24.09	24.12	24.26	24.06	23.78	24.90
20	64QAM	1	49	23.82	23.95	24.01	23.86	23.73	24.90
20	64QAM	1	99	24.02	24.09	24.09	23.93	23.92	24.90
20	64QAM	50	0	23.06	23.02	23.28	23.04	22.76	23.90
20	64QAM	50	24	22.92	23.02	23.08	23.00	22.81	23.90
20	64QAM	50	50	23.04	22.99	23.12	23.03	22.84	23.90
20	64QAM	100	0	23.00	23.05	23.24	23.04	22.97	23.90
20	256QAM	1	0	21.07	21.08	21.26	21.15	20.91	21.90
20	256QAM	1	49	21.02	20.96	21.05	20.94	20.76	21.90
20	256QAM	1	99	21.10	21.06	21.21	21.02	20.95	21.90
20	256QAM	50	0	21.07	21.15	21.27	21.14	20.88	21.90
20	256QAM	50	24	21.01	21.06	21.16	21.05	20.83	21.90
20	256QAM	50	50	21.09	21.02	21.16	21.12	20.90	21.90
20	256QAM	100	0	20.97	21.10	21.15	21.06	21.01	21.90
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	26.03	26.06	26.09	26.06	25.83	26.10
15	QPSK	1	37	25.96	25.98	26.08	26.00	25.82	26.10
15	QPSK	1	74	25.99	26.05	26.07	25.98	25.90	26.10
15	QPSK	36	0	24.86	24.94	25.05	24.97	24.74	25.90
15	QPSK	36	20	24.82	24.88	24.97	24.88	24.69	25.90
15	QPSK	36	39	24.87	24.92	25.00	24.89	24.73	25.90
15	QPSK	75	0	24.89	24.93	25.02	24.93	24.72	25.90
15	16QAM	1	0	25.19	25.25	25.43	25.28	25.03	25.90
15	16QAM	1	37	25.12	25.16	25.32	25.19	24.97	25.90
15	16QAM	1	74	25.23	25.23	25.34	25.17	25.09	25.90
15	16QAM	36	0	23.91	23.97	24.08	23.99	23.74	24.90
15	16QAM	36	20	23.86	23.93	24.01	23.91	23.74	24.90
15	16QAM	36	39	23.89	23.95	24.03	23.92	23.77	24.90
15	16QAM	75	0	23.94	23.95	24.06	23.93	23.77	24.90
15	64QAM	1	0	23.94	24.03	24.16	24.01	23.77	24.90
15	64QAM	1	37	23.85	23.85	24.04	23.85	23.70	24.90
15	64QAM	1	74	23.94	23.98	24.03	23.92	23.83	24.90
15	64QAM	36	0	22.93	22.99	23.09	23.00	22.78	23.90
15	64QAM	36	20	22.91	22.93	23.04	22.95	22.76	23.90
15	64QAM	36	39	22.91	22.96	23.04	22.93	22.80	23.90
15	64QAM	75	0	22.98	22.97	23.08	23.01	22.80	23.90
15	256QAM	1	0	21.06	21.09	21.24	21.11	20.86	21.90
15	256QAM	1	37	20.96	20.95	21.10	20.98	20.78	21.90
15	256QAM	1	74	21.09	21.08	21.16	21.03	20.94	21.90
15	256QAM	36	0	20.95	21.01	21.14	21.04	20.82	21.90
15	256QAM	36	20	20.94	20.98	21.08	20.96	20.79	21.90
15	256QAM	36	39	20.95	20.98	21.08	20.96	20.82	21.90
15	256QAM	75	0	20.98	21.01	21.11	21.02	20.84	21.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.01	26.03	26.08	26.06	25.87	26.10
10	QPSK	1	25	25.93	25.95	26.09	25.93	25.83	26.10
10	QPSK	1	49	25.99	26.05	26.07	25.99	25.89	26.10
10	QPSK	25	0	24.92	24.96	25.08	24.98	24.82	25.90
10	QPSK	25	12	24.85	24.92	24.99	24.92	24.80	25.90
10	QPSK	25	25	24.92	24.97	25.04	24.92	24.82	25.90
10	QPSK	50	0	24.87	24.94	25.05	24.95	24.77	25.90
10	16QAM	1	0	25.22	25.24	25.42	25.27	25.04	25.90



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10	16QAM	1	25	25.09	25.08	25.28	25.14	24.98	25.90
10	16QAM	1	49	25.20	25.21	25.36	25.22	25.12	25.90
10	16QAM	25	0	23.97	23.99	24.13	24.02	23.83	24.90
10	16QAM	25	12	23.89	23.94	24.06	23.95	23.83	24.90
10	16QAM	25	25	23.95	23.97	24.06	23.96	23.84	24.90
10	16QAM	50	0	23.95	23.98	24.10	23.99	23.85	24.90
10	64QAM	1	0	23.91	23.97	24.13	23.99	23.78	24.90
10	64QAM	1	25	23.84	23.86	23.98	23.83	23.74	24.90
10	64QAM	1	49	23.93	23.95	24.03	23.88	23.80	24.90
10	64QAM	25	0	23.02	23.05	23.16	23.09	22.86	23.90
10	64QAM	25	12	22.97	23.00	23.11	23.02	22.88	23.90
10	64QAM	25	25	23.00	23.01	23.11	23.02	22.92	23.90
10	64QAM	50	0	22.95	23.00	23.10	23.01	22.85	23.90
10	256QAM	1	0	21.05	21.06	21.23	21.09	20.85	21.90
10	256QAM	1	25	20.96	20.92	21.07	20.95	20.80	21.90
10	256QAM	1	49	21.05	21.03	21.15	21.02	20.93	21.90
10	256QAM	25	0	20.99	21.02	21.16	21.04	20.87	21.90
10	256QAM	25	12	20.94	20.98	21.10	20.99	20.88	21.90
10	256QAM	25	25	21.01	21.01	21.12	21.00	20.90	21.90
10	256QAM	50	0	21.02	21.08	21.17	21.08	20.92	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.96	26.00	26.06	26.02	25.87	26.10
5	QPSK	1	12	25.90	25.97	26.08	25.94	25.83	26.10
5	QPSK	1	24	25.97	26.04	26.07	26.00	25.90	26.10
5	QPSK	12	0	24.88	24.95	25.03	24.94	24.81	25.90
5	QPSK	12	7	24.80	24.87	24.95	24.83	24.74	25.90
5	QPSK	12	13	24.87	24.90	25.00	24.90	24.78	25.90
5	QPSK	25	0	24.93	24.93	25.05	24.92	24.85	25.90
5	16QAM	1	0	25.17	25.18	25.37	25.20	25.05	25.90
5	16QAM	1	12	25.02	25.05	25.21	25.05	24.94	25.90
5	16QAM	1	24	25.17	25.15	25.31	25.16	25.06	25.90
5	16QAM	12	0	23.98	24.00	24.13	24.01	23.86	24.90
5	16QAM	12	7	23.90	23.96	24.04	23.93	23.83	24.90
5	16QAM	12	13	23.92	23.98	24.06	23.95	23.87	24.90
5	16QAM	25	0	23.94	23.97	24.07	23.97	23.86	24.90
5	64QAM	1	0	23.93	23.97	24.10	23.95	23.85	24.90
5	64QAM	1	12	23.89	23.92	24.09	23.90	23.79	24.90
5	64QAM	1	24	23.96	23.96	24.08	23.93	23.83	24.90
5	64QAM	12	0	23.02	23.05	23.16	23.04	22.91	23.90
5	64QAM	12	7	22.96	22.99	23.10	22.99	22.89	23.90
5	64QAM	12	13	22.96	23.03	23.10	23.00	22.88	23.90
5	64QAM	25	0	23.00	23.04	23.14	23.03	22.94	23.90
5	256QAM	1	0	21.05	21.03	21.16	21.04	20.88	21.90
5	256QAM	1	12	20.95	20.95	21.08	20.97	20.83	21.90
5	256QAM	1	24	21.04	21.01	21.14	20.99	20.90	21.90
5	256QAM	12	0	21.04	21.07	21.17	21.07	20.95	21.90
5	256QAM	12	7	21.00	21.04	21.13	21.02	20.92	21.90
5	256QAM	12	13	21.03	21.07	21.18	21.06	20.96	21.90
5	256QAM	25	0	21.02	21.00	21.11	21.00	20.92	21.90

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	20.80
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.51	20.64	20.75	20.67	20.36	20.80
20	QPSK	1	49	20.43	20.55	20.67	20.54	20.31	20.80
20	QPSK	1	99	20.53	20.60	20.59	20.52	20.44	20.80
20	QPSK	50	0	20.46	20.57	20.63	20.57	20.30	20.80
20	QPSK	50	24	20.44	20.50	20.56	20.49	20.28	20.80
20	QPSK	50	50	20.47	20.57	20.53	20.45	20.28	20.80
20	QPSK	100	0	20.47	20.51	20.57	20.47	20.30	20.80
20	16QAM	1	0	20.34	20.71	20.71	20.74	20.58	20.80
20	16QAM	1	49	20.68	20.80	20.74	20.71	20.48	20.80
20	16QAM	1	99	20.77	20.75	20.69	20.78	20.71	20.80
20	16QAM	50	0	20.26	20.61	20.70	20.63	20.40	20.80
20	16QAM	50	24	20.51	20.58	20.64	20.57	20.35	20.80
20	16QAM	50	50	20.53	20.63	20.61	20.52	20.38	20.80
20	16QAM	100	0	20.26	20.58	20.63	20.53	20.38	20.80
20	64QAM	1	0	20.58	20.63	20.74	20.66	20.33	20.80
20	64QAM	1	49	20.48	20.53	20.66	20.61	20.29	20.80
20	64QAM	1	99	20.52	20.58	20.64	20.47	20.47	20.80
20	64QAM	50	0	20.57	20.65	20.72	20.65	20.41	20.80
20	64QAM	50	24	20.54	20.60	20.66	20.60	20.38	20.80
20	64QAM	50	50	20.57	20.64	20.64	20.54	20.38	20.80
20	64QAM	100	0	20.59	20.63	20.67	20.58	20.41	20.80
20	256QAM	1	0	20.19	20.63	20.75	20.60	20.44	20.80
20	256QAM	1	49	20.49	20.57	20.65	20.52	20.35	20.80
20	256QAM	1	99	20.57	20.65	20.64	20.48	20.33	20.80
20	256QAM	50	0	20.21	20.70	20.78	20.71	20.47	20.80
20	256QAM	50	24	20.59	20.67	20.71	20.65	20.44	20.80
20	256QAM	50	50	20.22	20.70	20.69	20.60	20.43	20.80
20	256QAM	100	0	20.18	20.63	20.69	20.59	20.42	20.80
Channel				39725	40173	40620	41068	41515	20.80
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.46	20.54	20.64	20.63	20.27	20.80
15	QPSK	1	37	20.37	20.47	20.61	20.48	20.21	20.80
15	QPSK	1	74	20.39	20.47	20.49	20.49	20.34	20.80
15	QPSK	36	0	20.44	20.56	20.58	20.53	20.29	20.80
15	QPSK	36	20	20.30	20.49	20.43	20.35	20.25	20.80
15	QPSK	36	39	20.34	20.55	20.51	20.43	20.27	20.80
15	QPSK	75	0	20.45	20.44	20.54	20.34	20.28	20.80
15	16QAM	1	0	20.30	20.62	20.67	20.65	20.52	20.80
15	16QAM	1	37	20.60	20.74	20.68	20.69	20.34	20.80
15	16QAM	1	74	20.63	20.70	20.67	20.73	20.57	20.80
15	16QAM	36	0	20.21	20.59	20.58	20.59	20.27	20.80
15	16QAM	36	20	20.43	20.53	20.59	20.55	20.33	20.80
15	16QAM	36	39	20.41	20.50	20.49	20.50	20.37	20.80
15	16QAM	75	0	20.25	20.50	20.57	20.47	20.32	20.80
15	64QAM	1	0	20.46	20.57	20.67	20.58	20.29	20.80
15	64QAM	1	37	20.34	20.43	20.56	20.49	20.22	20.80
15	64QAM	1	74	20.49	20.49	20.55	20.39	20.43	20.80
15	64QAM	36	0	20.47	20.63	20.68	20.52	20.34	20.80
15	64QAM	36	20	20.43	20.51	20.57	20.47	20.25	20.80
15	64QAM	36	39	20.42	20.63	20.59	20.48	20.25	20.80
15	64QAM	75	0	20.54	20.53	20.66	20.45	20.36	20.80
15	256QAM	1	0	20.10	20.56	20.62	20.53	20.42	20.80
15	256QAM	1	37	20.40	20.47	20.59	20.40	20.30	20.80
15	256QAM	1	74	20.56	20.58	20.62	20.39	20.23	20.80
15	256QAM	36	0	20.18	20.61	20.64	20.64	20.37	20.80
15	256QAM	36	20	20.54	20.64	20.59	20.53	20.42	20.80
15	256QAM	36	39	20.12	20.57	20.67	20.52	20.29	20.80
15	256QAM	75	0	20.08	20.50	20.62	20.51	20.38	20.80
Channel				39700	40160	40620	41080	41540	20.80
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.38	20.50	20.73	20.52	20.26	20.80
10	QPSK	1	25	20.30	20.41	20.55	20.41	20.20	20.80
10	QPSK	1	49	20.49	20.47	20.52	20.49	20.31	20.80
10	QPSK	25	0	20.41	20.47	20.57	20.47	20.23	20.80
10	QPSK	25	12	20.29	20.41	20.42	20.42	20.24	20.80
10	QPSK	25	25	20.44	20.47	20.38	20.41	20.22	20.80
10	QPSK	50	0	20.33	20.44	20.51	20.41	20.28	20.80
10	16QAM	1	0	20.27	20.58	20.62	20.62	20.45	20.80



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10	16QAM	1	25	20.64	20.78	20.66	20.69	20.35	20.80
10	16QAM	1	49	20.66	20.61	20.67	20.77	20.66	20.80
10	16QAM	25	0	20.23	20.54	20.59	20.50	20.30	20.80
10	16QAM	25	12	20.42	20.54	20.57	20.47	20.33	20.80
10	16QAM	25	25	20.42	20.54	20.57	20.48	20.30	20.80
10	16QAM	50	0	20.23	20.52	20.48	20.48	20.35	20.80
10	64QAM	1	0	20.48	20.52	20.72	20.58	20.25	20.80
10	64QAM	1	25	20.44	20.43	20.63	20.60	20.22	20.80
10	64QAM	1	49	20.48	20.55	20.59	20.40	20.33	20.80
10	64QAM	25	0	20.47	20.53	20.65	20.63	20.37	20.80
10	64QAM	25	12	20.41	20.48	20.57	20.48	20.26	20.80
10	64QAM	25	25	20.56	20.57	20.59	20.44	20.25	20.80
10	64QAM	50	0	20.47	20.58	20.59	20.56	20.36	20.80
10	256QAM	1	0	20.07	20.60	20.62	20.54	20.41	20.80
10	256QAM	1	25	20.41	20.51	20.55	20.47	20.25	20.80
10	256QAM	1	49	20.45	20.60	20.54	20.37	20.25	20.80
10	256QAM	25	0	20.12	20.62	20.74	20.66	20.41	20.80
10	256QAM	25	12	20.47	20.63	20.69	20.54	20.38	20.80
10	256QAM	25	25	20.07	20.57	20.67	20.49	20.36	20.80
10	256QAM	50	0	20.15	20.52	20.65	20.45	20.29	20.80
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.37	20.54	20.65	20.52	20.23	20.80
5	QPSK	1	12	20.30	20.44	20.55	20.53	20.21	20.80
5	QPSK	1	24	20.41	20.52	20.50	20.47	20.31	20.80
5	QPSK	12	0	20.38	20.53	20.49	20.49	20.25	20.80
5	QPSK	12	7	20.34	20.48	20.47	20.44	20.23	20.80
5	QPSK	12	13	20.35	20.43	20.38	20.41	20.25	20.80
5	QPSK	25	0	20.36	20.46	20.54	20.45	20.20	20.80
5	16QAM	1	0	20.31	20.57	20.63	20.64	20.48	20.80
5	16QAM	1	12	20.56	20.78	20.68	20.58	20.39	20.80
5	16QAM	1	24	20.73	20.64	20.56	20.77	20.57	20.80
5	16QAM	12	0	20.25	20.48	20.64	20.54	20.36	20.80
5	16QAM	12	7	20.45	20.52	20.50	20.45	20.32	20.80
5	16QAM	12	13	20.38	20.60	20.49	20.43	20.37	20.80
5	16QAM	25	0	20.22	20.45	20.54	20.49	20.34	20.80
5	64QAM	1	0	20.45	20.59	20.72	20.65	20.22	20.80
5	64QAM	1	12	20.44	20.49	20.58	20.58	20.28	20.80
5	64QAM	1	24	20.50	20.56	20.63	20.38	20.39	20.80
5	64QAM	12	0	20.56	20.60	20.58	20.54	20.39	20.80
5	64QAM	12	7	20.51	20.50	20.60	20.46	20.25	20.80
5	64QAM	12	13	20.48	20.57	20.54	20.47	20.35	20.80
5	64QAM	25	0	20.56	20.49	20.52	20.46	20.26	20.80
5	256QAM	1	0	20.16	20.55	20.65	20.55	20.34	20.80
5	256QAM	1	12	20.38	20.55	20.53	20.46	20.32	20.80
5	256QAM	1	24	20.55	20.50	20.59	20.45	20.25	20.80
5	256QAM	12	0	20.16	20.56	20.73	20.65	20.38	20.80
5	256QAM	12	7	20.52	20.65	20.57	20.61	20.34	20.80
5	256QAM	12	13	20.19	20.62	20.65	20.53	20.33	20.80
5	256QAM	25	0	20.12	20.58	20.58	20.48	20.35	20.80

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.17	21.25	21.37	21.33	21.01	22.10
20	QPSK	1	49	21.07	21.20	21.30	21.22	20.91	22.10
20	QPSK	1	99	20.94	21.27	21.29	21.20	21.10	22.10
20	QPSK	50	0	20.97	21.26	21.28	21.22	20.95	22.10
20	QPSK	50	24	20.92	21.12	21.23	21.16	20.95	22.10
20	QPSK	50	50	20.91	21.19	21.23	21.07	20.91	22.10
20	QPSK	100	0	20.94	21.19	21.25	21.10	20.91	22.10
20	16QAM	1	0	21.07	21.41	21.40	21.43	21.20	22.10
20	16QAM	1	49	21.00	21.40	21.35	21.33	21.16	22.10
20	16QAM	1	99	20.98	21.37	21.31	21.38	21.33	22.10
20	16QAM	50	0	21.06	21.26	21.37	21.31	21.09	22.10
20	16QAM	50	24	21.01	21.22	21.32	21.20	21.04	22.10
20	16QAM	50	50	21.08	21.29	21.30	21.13	21.01	22.10
20	16QAM	100	0	20.98	21.21	21.28	21.14	20.98	22.10
20	64QAM	1	0	21.15	21.32	21.42	21.30	20.99	22.10
20	64QAM	1	49	21.09	21.15	21.35	21.29	20.93	22.10
20	64QAM	1	99	21.00	21.18	21.25	21.08	21.15	22.10
20	64QAM	50	0	21.14	21.33	21.37	21.25	21.06	22.10
20	64QAM	50	24	20.97	21.24	21.27	21.30	21.03	22.10
20	64QAM	50	50	21.01	21.26	21.27	21.22	21.05	22.10
20	64QAM	100	0	21.02	21.31	21.30	21.27	21.02	22.10
20	256QAM	1	0	21.17	21.27	21.41	21.23	21.12	21.90
20	256QAM	1	49	21.02	21.22	21.30	21.16	21.01	21.90
20	256QAM	1	99	21.07	21.26	21.33	21.12	21.00	21.90
20	256QAM	50	0	21.06	21.40	21.41	21.35	21.07	21.90
20	256QAM	50	24	20.99	21.37	21.33	21.30	21.07	21.90
20	256QAM	50	50	21.06	21.40	21.37	21.30	21.05	21.90
20	256QAM	100	0	21.09	21.28	21.35	21.24	21.06	21.90
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	21.13	21.10	21.34	21.31	21.00	22.10
15	QPSK	1	37	20.95	21.06	21.24	21.15	20.81	22.10
15	QPSK	1	74	20.81	21.23	21.27	21.09	21.01	22.10
15	QPSK	36	0	20.94	21.21	21.20	21.19	20.81	22.10
15	QPSK	36	20	20.82	21.04	21.21	21.09	20.93	22.10
15	QPSK	36	39	20.80	21.15	21.22	21.02	20.85	22.10
15	QPSK	75	0	20.82	21.17	21.18	20.97	20.88	22.10
15	16QAM	1	0	20.94	21.23	21.37	21.32	21.01	22.10
15	16QAM	1	37	20.90	21.24	21.21	21.31	21.01	22.10
15	16QAM	1	74	20.87	21.24	21.27	21.30	21.00	22.10
15	16QAM	36	0	21.02	21.19	21.22	21.26	20.98	22.10
15	16QAM	36	20	20.98	21.20	21.24	21.08	21.01	22.10
15	16QAM	36	39	21.06	21.19	21.18	21.08	20.96	22.10
15	16QAM	75	0	20.90	21.08	21.14	21.05	20.83	22.10
15	64QAM	1	0	21.05	21.17	21.29	21.20	20.97	22.10
15	64QAM	1	37	21.02	21.13	21.31	21.18	20.81	22.10
15	64QAM	1	74	20.96	21.04	21.13	21.04	21.01	22.10
15	64QAM	36	0	21.01	21.19	21.25	21.19	20.98	22.10
15	64QAM	36	20	20.93	21.15	21.25	21.23	20.99	22.10
15	64QAM	36	39	20.91	21.17	21.17	21.11	21.01	22.10
15	64QAM	75	0	20.90	21.24	21.15	21.17	20.88	22.10
15	256QAM	1	0	21.12	21.12	21.31	21.15	21.00	21.90
15	256QAM	1	37	20.93	21.18	21.21	21.07	20.98	21.90
15	256QAM	1	74	21.01	21.17	21.27	21.07	20.95	21.90
15	256QAM	36	0	21.02	21.23	21.36	21.24	20.94	21.90
15	256QAM	36	20	20.88	21.25	21.30	21.20	20.93	21.90
15	256QAM	36	39	20.97	21.25	21.35	21.27	20.97	21.90
15	256QAM	75	0	20.99	21.21	21.25	21.15	20.96	21.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.06	21.13	21.32	21.18	20.97	22.10
10	QPSK	1	25	20.99	21.11	21.29	21.12	20.80	22.10
10	QPSK	1	49	20.81	21.17	21.20	21.18	21.01	22.10
10	QPSK	25	0	20.85	21.22	21.20	21.19	20.88	22.10
10	QPSK	25	12	20.89	21.02	21.18	21.02	20.86	22.10
10	QPSK	25	25	20.85	21.13	21.18	21.00	20.89	22.10
10	QPSK	50	0	20.83	21.08	21.15	20.96	20.86	22.10
10	16QAM	1	0	21.03	21.24	21.27	21.31	21.01	22.10
10	16QAM	1	25	20.91	21.25	21.30	21.32	21.00	22.10



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10	16QAM	1	49	20.92	21.25	21.16	21.28	21.01	22.10
10	16QAM	25	0	20.96	21.16	21.23	21.28	21.00	22.10
10	16QAM	25	12	20.96	21.14	21.22	21.19	21.00	22.10
10	16QAM	25	25	20.95	21.16	21.19	21.03	20.97	22.10
10	16QAM	50	0	20.87	21.07	21.18	21.08	20.85	22.10
10	64QAM	1	0	21.08	21.17	21.29	21.20	20.89	22.10
10	64QAM	1	25	21.01	21.01	21.32	21.20	20.80	22.10
10	64QAM	1	49	20.94	21.16	21.11	21.02	21.00	22.10
10	64QAM	25	0	21.06	21.25	21.27	21.20	21.00	22.10
10	64QAM	25	12	20.93	21.10	21.17	21.21	20.99	22.10
10	64QAM	25	25	20.93	21.11	21.18	21.10	20.98	22.10
10	64QAM	50	0	20.96	21.24	21.24	21.18	20.92	22.10
10	256QAM	1	0	21.15	21.22	21.32	21.22	21.01	21.90
10	256QAM	1	25	20.95	21.12	21.16	21.10	20.86	21.90
10	256QAM	1	49	20.93	21.12	21.20	21.02	20.88	21.90
10	256QAM	25	0	20.93	21.24	21.29	21.32	21.00	21.90
10	256QAM	25	12	20.88	21.25	21.18	21.15	21.00	21.90
10	256QAM	25	25	20.92	21.25	21.25	21.28	20.98	21.90
10	256QAM	50	0	21.02	21.14	21.32	21.23	20.92	21.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.07	21.22	21.32	21.19	20.89	22.10
5	QPSK	1	12	20.99	21.05	21.27	21.15	20.80	22.10
5	QPSK	1	24	20.91	21.14	21.23	21.06	21.00	22.10
5	QPSK	12	0	20.92	21.18	21.19	21.16	20.83	22.10
5	QPSK	12	7	20.84	21.01	21.21	21.06	20.90	22.10
5	QPSK	12	13	20.86	21.12	21.16	20.93	20.80	22.10
5	QPSK	25	0	20.89	21.17	21.18	20.98	20.81	22.10
5	16QAM	1	0	20.93	21.25	21.36	21.32	21.01	22.10
5	16QAM	1	12	20.91	21.25	21.25	21.21	21.00	22.10
5	16QAM	1	24	20.86	21.25	21.29	21.29	21.00	22.10
5	16QAM	12	0	20.98	21.13	21.33	21.19	20.99	22.10
5	16QAM	12	7	20.98	21.17	21.20	21.18	20.96	22.10
5	16QAM	12	13	20.98	21.25	21.17	21.09	20.87	22.10
5	16QAM	25	0	20.90	21.09	21.20	21.07	20.91	22.10
5	64QAM	1	0	21.13	21.25	21.37	21.24	20.92	22.10
5	64QAM	1	12	21.05	21.01	21.32	21.27	20.81	22.10
5	64QAM	1	24	20.98	21.05	21.23	20.96	21.01	22.10
5	64QAM	12	0	21.04	21.22	21.27	21.13	20.94	22.10
5	64QAM	12	7	20.85	21.21	21.16	21.23	21.01	22.10
5	64QAM	12	13	20.94	21.12	21.15	21.16	20.92	22.10
5	64QAM	25	0	21.00	21.25	21.19	21.18	20.91	22.10
5	256QAM	1	0	21.08	21.22	21.37	21.21	21.01	21.90
5	256QAM	1	12	20.87	21.15	21.25	21.07	20.96	21.90
5	256QAM	1	24	21.00	21.12	21.22	20.99	20.97	21.90
5	256QAM	12	0	20.97	21.24	21.31	21.29	20.93	21.90
5	256QAM	12	7	20.87	21.25	21.29	21.23	20.98	21.90
5	256QAM	12	13	21.05	21.25	21.29	21.21	20.91	21.90
5	256QAM	25	0	20.97	21.14	21.22	21.23	20.93	21.90

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.51	20.64	20.75	20.67	20.36	20.80
20	QPSK	1	49	20.43	20.55	20.67	20.54	20.31	20.80
20	QPSK	1	99	20.53	20.60	20.59	20.52	20.44	20.80
20	QPSK	50	0	20.46	20.57	20.63	20.57	20.30	20.80
20	QPSK	50	24	20.44	20.50	20.56	20.49	20.28	20.80
20	QPSK	50	50	20.47	20.57	20.53	20.45	20.28	20.80
20	QPSK	100	0	20.47	20.51	20.57	20.47	20.30	20.80
20	16QAM	1	0	20.34	20.71	20.71	20.74	20.58	20.80
20	16QAM	1	49	20.68	20.80	20.74	20.71	20.48	20.80
20	16QAM	1	99	20.77	20.75	20.69	20.78	20.71	20.80
20	16QAM	50	0	20.26	20.61	20.70	20.63	20.40	20.80
20	16QAM	50	24	20.51	20.58	20.64	20.57	20.35	20.80
20	16QAM	50	50	20.53	20.63	20.61	20.52	20.38	20.80
20	16QAM	100	0	20.26	20.58	20.63	20.53	20.38	20.80
20	64QAM	1	0	20.58	20.63	20.74	20.66	20.33	20.80
20	64QAM	1	49	20.48	20.53	20.66	20.61	20.29	20.80
20	64QAM	1	99	20.52	20.58	20.64	20.47	20.47	20.80
20	64QAM	50	0	20.57	20.65	20.72	20.65	20.41	20.80
20	64QAM	50	24	20.54	20.60	20.66	20.60	20.38	20.80
20	64QAM	50	50	20.57	20.64	20.64	20.54	20.38	20.80
20	64QAM	100	0	20.59	20.63	20.67	20.58	20.41	20.80
20	256QAM	1	0	20.19	20.63	20.75	20.60	20.44	20.80
20	256QAM	1	49	20.49	20.57	20.65	20.52	20.35	20.80
20	256QAM	1	99	20.57	20.65	20.64	20.48	20.33	20.80
20	256QAM	50	0	20.21	20.70	20.78	20.71	20.47	20.80
20	256QAM	50	24	20.59	20.67	20.71	20.65	20.44	20.80
20	256QAM	50	50	20.22	20.70	20.69	20.60	20.43	20.80
20	256QAM	100	0	20.18	20.63	20.69	20.59	20.42	20.80
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	20.46	20.54	20.64	20.63	20.27	20.80
15	QPSK	1	37	20.37	20.47	20.61	20.48	20.21	20.80
15	QPSK	1	74	20.39	20.47	20.49	20.49	20.34	20.80
15	QPSK	36	0	20.44	20.56	20.58	20.53	20.29	20.80
15	QPSK	36	20	20.30	20.49	20.43	20.35	20.25	20.80
15	QPSK	36	39	20.34	20.55	20.51	20.43	20.27	20.80
15	QPSK	75	0	20.45	20.44	20.54	20.34	20.28	20.80
15	16QAM	1	0	20.30	20.62	20.67	20.65	20.52	20.80
15	16QAM	1	37	20.60	20.74	20.68	20.69	20.34	20.80
15	16QAM	1	74	20.63	20.70	20.67	20.73	20.57	20.80
15	16QAM	36	0	20.21	20.59	20.58	20.59	20.27	20.80
15	16QAM	36	20	20.43	20.53	20.59	20.55	20.33	20.80
15	16QAM	36	39	20.41	20.50	20.49	20.50	20.37	20.80
15	16QAM	75	0	20.25	20.50	20.57	20.47	20.32	20.80
15	64QAM	1	0	20.46	20.57	20.67	20.58	20.29	20.80
15	64QAM	1	37	20.34	20.43	20.56	20.49	20.22	20.80
15	64QAM	1	74	20.49	20.49	20.55	20.39	20.43	20.80
15	64QAM	36	0	20.47	20.63	20.68	20.52	20.34	20.80
15	64QAM	36	20	20.43	20.51	20.57	20.47	20.25	20.80
15	64QAM	36	39	20.42	20.63	20.59	20.48	20.25	20.80
15	64QAM	75	0	20.54	20.53	20.66	20.45	20.36	20.80
15	256QAM	1	0	20.10	20.56	20.62	20.53	20.42	20.80
15	256QAM	1	37	20.40	20.47	20.59	20.40	20.30	20.80
15	256QAM	1	74	20.56	20.58	20.62	20.39	20.23	20.80
15	256QAM	36	0	20.18	20.61	20.64	20.64	20.37	20.80
15	256QAM	36	20	20.54	20.64	20.59	20.53	20.42	20.80
15	256QAM	36	39	20.12	20.57	20.67	20.52	20.29	20.80
15	256QAM	75	0	20.08	20.50	20.62	20.51	20.38	20.80
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.38	20.50	20.73	20.52	20.26	20.80
10	QPSK	1	25	20.30	20.41	20.55	20.41	20.20	20.80
10	QPSK	1	49	20.49	20.47	20.52	20.49	20.31	20.80
10	QPSK	25	0	20.41	20.47	20.57	20.47	20.23	20.80
10	QPSK	25	12	20.29	20.41	20.42	20.42	20.24	20.80
10	QPSK	25	25	20.44	20.47	20.38	20.41	20.22	20.80
10	QPSK	50	0	20.33	20.44	20.51	20.41	20.28	20.80
10	16QAM	1	0	20.27	20.58	20.62	20.62	20.45	20.80
10	16QAM	1	25	20.64	20.78	20.66	20.69	20.35	20.80