



Appendix E. Output Power Measurement

<LTE Conducted Power>

【LTE Band 2_Ant 1】

Band	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)					1860	1880	1900	
20	20	QPSK	1	0	23.13	23.27	23.63	25.00
20	20	QPSK	1	49	23.57	23.41	23.99	25.00
20	20	QPSK	1	99	23.00	23.12	23.41	25.00
20	20	QPSK	50	0	22.37	22.53	22.86	24.00
20	20	QPSK	50	24	22.43	22.65	22.91	24.00
20	20	QPSK	50	50	22.30	22.44	22.76	24.00
20	20	QPSK	100	0	22.28	22.54	22.83	24.00
20	20	16QAM	1	0	22.62	22.70	22.62	24.00
20	20	16QAM	1	49	22.92	23.05	22.91	24.00
20	20	16QAM	1	99	22.40	22.54	22.39	24.00
20	20	16QAM	50	0	21.49	21.62	21.53	23.00
20	20	16QAM	50	24	21.61	21.68	21.52	23.00
20	20	16QAM	50	50	21.31	21.48	21.40	23.00
20	20	16QAM	100	0	21.36	21.48	21.34	23.00
20	20	64QAM	1	0	21.43	21.58	21.54	23.00
20	20	64QAM	1	49	21.64	21.70	21.62	23.00
20	20	64QAM	1	99	21.06	21.03	21.06	23.00
20	20	64QAM	50	0	20.46	20.55	20.44	22.00
20	20	64QAM	50	24	20.63	20.66	20.62	22.00
20	20	64QAM	50	50	20.32	20.48	20.39	22.00
20	20	64QAM	100	0	20.33	20.43	20.26	22.00
Channel					18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)					1857.5	1880	1902.5	
15	15	QPSK	1	0	23.29	23.49	23.98	25.00
15	15	QPSK	1	37	23.34	23.21	23.95	25.00
15	15	QPSK	1	74	23.44	23.56	23.86	25.00
15	15	QPSK	36	0	22.25	22.59	22.87	24.00
15	15	QPSK	36	20	22.34	22.67	22.91	24.00
15	15	QPSK	36	39	22.25	22.54	22.79	24.00
15	15	QPSK	75	0	22.35	22.49	22.92	24.00
15	15	16QAM	1	0	22.55	22.59	22.55	24.00
15	15	16QAM	1	37	22.97	22.99	22.89	24.00
15	15	16QAM	1	74	22.39	22.50	22.40	24.00
15	15	16QAM	36	0	21.48	21.51	21.49	23.00
15	15	16QAM	36	20	21.66	21.58	21.50	23.00
15	15	16QAM	36	39	21.39	21.43	21.45	23.00
15	15	16QAM	75	0	21.39	21.36	21.39	23.00
15	15	64QAM	1	0	21.44	21.52	21.48	23.00
15	15	64QAM	1	37	21.67	21.58	21.54	23.00
15	15	64QAM	1	74	21.04	21.08	21.01	23.00
15	15	64QAM	36	0	20.48	20.40	20.43	22.00
15	15	64QAM	36	20	20.64	20.56	20.51	22.00
15	15	64QAM	36	39	20.42	20.32	20.30	22.00
15	15	64QAM	75	0	20.26	20.28	20.36	22.00
Channel					18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)					1855	1880	1905	
10	10	QPSK	1	0	24.21	23.96	24.11	25.00
10	10	QPSK	1	25	24.08	24.24	23.99	25.00
10	10	QPSK	1	49	23.81	23.95	23.95	25.00
10	10	QPSK	25	0	22.79	22.78	22.84	24.00
10	10	QPSK	25	12	22.87	22.87	22.98	24.00
10	10	QPSK	25	25	22.85	22.83	22.95	24.00
10	10	QPSK	50	0	22.84	22.93	22.94	24.00
10	10	16QAM	1	0	22.61	22.63	22.58	24.00
10	10	16QAM	1	25	22.96	23.02	22.91	24.00
10	10	16QAM	1	49	22.37	22.49	22.49	24.00
10	10	16QAM	25	0	21.50	21.46	21.59	23.00
10	10	16QAM	25	12	21.50	21.61	21.56	23.00
10	10	16QAM	25	25	21.46	21.46	21.30	23.00
10	10	16QAM	50	0	21.46	21.40	21.39	23.00
10	10	64QAM	1	0	21.54	21.50	21.49	23.00
10	10	64QAM	1	25	21.60	21.66	21.58	23.00
10	10	64QAM	1	49	21.11	21.03	21.05	23.00
10	10	64QAM	25	0	20.46	20.45	20.51	22.00



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10	64QAM	25	12	20.55	20.54	20.60	22.00
10	64QAM	25	25	20.38	20.45	20.36	22.00
10	64QAM	50	0	20.28	20.38	20.36	22.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.94	24.12	24.14	25.00
5	QPSK	1	12	23.78	23.91	23.92	25.00
5	QPSK	1	24	23.72	23.82	24.12	25.00
5	QPSK	12	0	22.91	23.11	23.01	24.00
5	QPSK	12	7	22.75	22.94	22.96	24.00
5	QPSK	12	13	22.77	22.93	22.89	24.00
5	QPSK	25	0	22.80	22.90	22.95	24.00
5	16QAM	1	0	22.63	22.59	22.66	24.00
5	16QAM	1	12	22.90	22.88	22.89	24.00
5	16QAM	1	24	22.38	22.40	22.41	24.00
5	16QAM	12	0	21.47	21.48	21.48	23.00
5	16QAM	12	7	21.58	21.52	21.60	23.00
5	16QAM	12	13	21.34	21.45	21.38	23.00
5	16QAM	25	0	21.35	21.42	21.41	23.00
5	64QAM	1	0	21.47	21.56	21.54	23.00
5	64QAM	1	12	21.60	21.63	21.56	23.00
5	64QAM	1	24	21.06	21.07	21.08	23.00
5	64QAM	12	0	20.38	20.52	20.45	22.00
5	64QAM	12	7	20.54	20.50	20.61	22.00
5	64QAM	12	13	20.34	20.31	20.31	22.00
5	64QAM	25	0	20.31	20.37	20.26	22.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.81	23.94	23.96	25.00
3	QPSK	1	8	23.66	24.05	23.97	25.00
3	QPSK	1	14	23.53	23.86	23.84	25.00
3	QPSK	8	0	22.63	22.85	22.98	24.00
3	QPSK	8	4	22.82	22.90	22.91	24.00
3	QPSK	8	7	22.73	22.81	22.90	24.00
3	QPSK	15	0	22.92	22.91	22.89	24.00
3	16QAM	1	0	22.56	22.67	22.58	24.00
3	16QAM	1	8	22.99	23.02	23.02	24.00
3	16QAM	1	14	22.41	22.41	22.51	24.00
3	16QAM	8	0	21.48	21.54	21.57	23.00
3	16QAM	8	4	21.61	21.60	21.56	23.00
3	16QAM	8	7	21.32	21.38	21.35	23.00
3	16QAM	15	0	21.40	21.45	21.31	23.00
3	64QAM	1	0	21.56	21.55	21.53	23.00
3	64QAM	1	8	21.63	21.65	21.61	23.00
3	64QAM	1	14	21.06	21.03	21.05	23.00
3	64QAM	8	0	20.45	20.39	20.41	22.00
3	64QAM	8	4	20.60	20.58	20.60	22.00
3	64QAM	8	7	20.37	20.34	20.35	22.00
3	64QAM	15	0	20.26	20.34	20.26	22.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.78	23.83	23.79	25.00
1.4	QPSK	1	3	23.79	23.97	23.86	25.00
1.4	QPSK	1	5	23.87	23.83	23.84	25.00
1.4	QPSK	3	0	23.72	23.91	23.96	25.00
1.4	QPSK	3	1	23.86	23.91	23.98	25.00
1.4	QPSK	3	3	23.76	23.80	23.89	25.00
1.4	QPSK	6	0	22.90	22.86	22.83	24.00
1.4	16QAM	1	0	22.77	22.71	22.76	24.00
1.4	16QAM	1	3	22.87	22.81	22.72	24.00
1.4	16QAM	1	5	22.84	22.71	22.66	24.00
1.4	16QAM	3	0	22.81	22.81	22.77	24.00
1.4	16QAM	3	1	22.75	22.77	22.77	24.00
1.4	16QAM	3	3	22.72	22.72	22.72	24.00
1.4	16QAM	6	0	21.88	21.86	21.84	23.00
1.4	64QAM	1	0	21.96	21.87	21.87	23.00
1.4	64QAM	1	3	21.83	21.84	21.86	23.00
1.4	64QAM	1	5	21.84	21.83	21.90	23.00
1.4	64QAM	3	0	21.95	21.93	21.84	23.00
1.4	64QAM	3	1	21.85	21.80	21.76	23.00
1.4	64QAM	3	3	21.93	21.79	21.87	23.00
1.4	64QAM	6	0	20.90	20.85	20.86	22.00



【LTE Band 4_Ant 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.69	23.60	23.80	25.00
20	QPSK	1	49	24.07	23.90	23.97	25.00
20	QPSK	1	99	23.80	24.00	23.82	25.00
20	QPSK	50	0	23.00	23.02	22.96	24.00
20	QPSK	50	24	23.12	23.12	23.03	24.00
20	QPSK	50	50	22.97	23.02	23.00	24.00
20	QPSK	100	0	23.04	23.13	22.95	24.00
20	16QAM	1	0	22.79	22.85	22.78	24.00
20	16QAM	1	49	23.04	23.15	23.09	24.00
20	16QAM	1	99	22.96	23.10	23.04	24.00
20	16QAM	50	0	21.84	21.96	21.91	23.00
20	16QAM	50	24	22.17	22.27	22.25	23.00
20	16QAM	50	50	21.93	22.03	21.85	23.00
20	16QAM	100	0	22.17	22.32	22.28	23.00
20	64QAM	1	0	21.76	21.93	21.89	23.00
20	64QAM	1	49	22.00	22.16	22.05	23.00
20	64QAM	1	99	21.85	21.91	21.86	23.00
20	64QAM	50	0	20.98	21.12	21.02	22.00
20	64QAM	50	24	20.97	21.10	21.05	22.00
20	64QAM	50	50	20.84	21.01	20.87	22.00
20	64QAM	100	0	21.19	21.24	21.06	22.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.93	23.90	23.94	25.00
15	QPSK	1	37	23.96	23.83	23.86	25.00
15	QPSK	1	74	23.99	23.87	24.03	25.00
15	QPSK	36	0	22.93	22.95	22.97	24.00
15	QPSK	36	20	23.04	23.09	23.07	24.00
15	QPSK	36	39	22.96	23.08	23.01	24.00
15	QPSK	75	0	22.89	22.97	22.98	24.00
15	16QAM	1	0	22.78	22.68	22.68	24.00
15	16QAM	1	37	23.13	23.11	23.12	24.00
15	16QAM	1	74	23.06	23.05	22.93	24.00
15	16QAM	36	0	21.80	21.81	21.88	23.00
15	16QAM	36	20	22.16	22.12	22.11	23.00
15	16QAM	36	39	21.96	21.95	21.88	23.00
15	16QAM	75	0	22.16	22.20	22.25	23.00
15	64QAM	1	0	21.83	21.77	21.85	23.00
15	64QAM	1	37	21.99	22.04	22.12	23.00
15	64QAM	1	74	21.85	21.87	21.82	23.00
15	64QAM	36	0	21.04	21.09	21.00	22.00
15	64QAM	36	20	21.06	20.98	21.01	22.00
15	64QAM	36	39	20.96	20.92	20.92	22.00
15	64QAM	75	0	21.08	21.09	21.06	22.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.06	24.14	24.08	25.00
10	QPSK	1	25	24.11	23.99	23.96	25.00
10	QPSK	1	49	24.15	24.02	24.13	25.00
10	QPSK	25	0	23.07	23.09	23.06	24.00
10	QPSK	25	12	23.12	23.08	23.06	24.00
10	QPSK	25	25	23.06	23.11	23.02	24.00
10	QPSK	50	0	23.09	23.13	22.99	24.00
10	16QAM	1	0	22.68	22.81	22.81	24.00
10	16QAM	1	25	23.03	23.03	23.09	24.00
10	16QAM	1	49	23.04	23.04	22.95	24.00
10	16QAM	25	0	21.94	21.83	21.93	23.00
10	16QAM	25	12	22.18	22.14	22.22	23.00
10	16QAM	25	25	21.90	21.95	21.96	23.00
10	16QAM	50	0	22.25	22.16	22.28	23.00
10	64QAM	1	0	21.79	21.78	21.84	23.00
10	64QAM	1	25	22.02	21.99	22.09	23.00
10	64QAM	1	49	21.83	21.85	21.82	23.00
10	64QAM	25	0	21.00	21.04	21.07	22.00
10	64QAM	25	12	21.05	20.98	20.99	22.00
10	64QAM	25	25	20.97	20.99	20.85	22.00
10	64QAM	50	0	21.18	21.16	21.18	22.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.06	24.18	24.06	25.00
5	QPSK	1	12	24.05	24.05	24.03	25.00
5	QPSK	1	24	24.04	23.97	24.03	25.00



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5	QPSK	12	0	23.07	23.13	23.14	24.00
5	QPSK	12	7	23.15	23.11	23.08	24.00
5	QPSK	12	13	22.99	23.16	23.02	24.00
5	QPSK	25	0	23.10	23.08	23.06	24.00
5	16QAM	1	0	22.79	22.74	22.73	24.00
5	16QAM	1	12	22.98	23.07	23.03	24.00
5	16QAM	1	24	22.94	22.92	22.95	24.00
5	16QAM	12	0	21.81	21.87	21.88	23.00
5	16QAM	12	7	22.25	22.24	22.23	23.00
5	16QAM	12	13	21.87	21.88	21.94	23.00
5	16QAM	25	0	22.24	22.27	22.25	23.00
5	64QAM	1	0	21.79	21.76	21.84	23.00
5	64QAM	1	12	22.02	21.98	21.98	23.00
5	64QAM	1	24	21.84	21.79	21.80	23.00
5	64QAM	12	0	21.03	20.95	21.03	22.00
5	64QAM	12	7	20.93	21.02	21.02	22.00
5	64QAM	12	13	20.84	20.98	20.97	22.00
5	64QAM	25	0	21.12	21.09	21.08	22.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.05	24.13	24.03	25.00
3	QPSK	1	8	23.99	24.03	24.10	25.00
3	QPSK	1	14	24.06	24.05	24.09	25.00
3	QPSK	8	0	23.00	23.07	23.02	24.00
3	QPSK	8	4	23.03	23.12	23.05	24.00
3	QPSK	8	7	23.05	23.05	22.97	24.00
3	QPSK	15	0	23.11	23.08	23.03	24.00
3	16QAM	1	0	22.80	22.68	22.79	24.00
3	16QAM	1	8	23.07	23.07	23.06	24.00
3	16QAM	1	14	23.05	23.01	22.94	24.00
3	16QAM	8	0	21.93	21.86	21.85	23.00
3	16QAM	8	4	22.21	22.18	22.22	23.00
3	16QAM	8	7	21.91	22.01	21.88	23.00
3	16QAM	15	0	22.23	22.30	22.20	23.00
3	64QAM	1	0	21.86	21.79	21.75	23.00
3	64QAM	1	8	22.08	22.03	22.10	23.00
3	64QAM	1	14	21.76	21.84	21.82	23.00
3	64QAM	8	0	21.03	20.99	21.03	22.00
3	64QAM	8	4	21.05	21.07	21.01	22.00
3	64QAM	8	7	20.95	20.94	20.88	22.00
3	64QAM	15	0	21.18	21.08	21.20	22.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.99	23.97	24.10	25.00
1.4	QPSK	1	3	23.93	24.05	24.03	25.00
1.4	QPSK	1	5	23.92	23.96	23.99	25.00
1.4	QPSK	3	0	23.98	24.05	24.05	25.00
1.4	QPSK	3	1	24.04	23.98	23.99	25.00
1.4	QPSK	3	3	24.06	24.08	24.02	25.00
1.4	QPSK	6	0	23.01	23.07	23.00	24.00
1.4	16QAM	1	0	22.85	23.00	22.89	24.00
1.4	16QAM	1	3	22.83	22.90	22.97	24.00
1.4	16QAM	1	5	22.94	23.01	22.88	24.00
1.4	16QAM	3	0	22.92	22.94	22.83	24.00
1.4	16QAM	3	1	22.87	23.01	22.83	24.00
1.4	16QAM	3	3	22.90	22.98	22.97	24.00
1.4	16QAM	6	0	22.08	22.09	22.06	23.00
1.4	64QAM	1	0	22.02	22.05	22.03	23.00
1.4	64QAM	1	3	22.01	22.12	22.03	23.00
1.4	64QAM	1	5	22.03	22.05	22.07	23.00
1.4	64QAM	3	0	22.02	22.12	21.95	23.00
1.4	64QAM	3	1	22.02	22.06	21.99	23.00
1.4	64QAM	3	3	21.93	22.07	22.07	23.00
1.4	64QAM	6	0	20.98	21.10	20.97	22.00



【LTE Band 5_Ant 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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.98	22.91	23.03	24.00
10	QPSK	1	25	22.81	22.96	23.25	24.00
10	QPSK	1	49	22.87	23.08	23.24	24.00
10	QPSK	25	0	22.01	21.89	22.04	23.00
10	QPSK	25	12	21.86	21.88	22.09	23.00
10	QPSK	25	25	21.85	21.95	22.10	23.00
10	QPSK	50	0	21.89	21.98	22.13	23.00
10	16QAM	1	0	22.44	22.53	22.43	23.00
10	16QAM	1	25	22.19	22.28	22.13	23.00
10	16QAM	1	49	22.21	22.34	22.24	23.00
10	16QAM	25	0	20.79	20.91	20.76	22.00
10	16QAM	25	12	20.93	20.99	20.92	22.00
10	16QAM	25	25	20.95	21.11	21.06	22.00
10	16QAM	50	0	20.90	21.03	20.87	22.00
10	64QAM	1	0	21.27	21.40	21.32	22.00
10	64QAM	1	25	21.03	21.14	21.04	22.00
10	64QAM	1	49	21.14	21.29	21.12	22.00
10	64QAM	25	0	19.74	19.89	19.81	21.00
10	64QAM	25	12	19.95	20.00	19.94	21.00
10	64QAM	25	25	20.01	20.11	20.02	21.00
10	64QAM	50	0	19.89	20.03	19.86	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.96	22.92	23.11	24.00
5	QPSK	1	12	22.84	22.90	23.01	24.00
5	QPSK	1	24	22.66	22.88	23.06	24.00
5	QPSK	12	0	21.95	21.96	22.10	23.00
5	QPSK	12	7	21.96	21.87	22.18	23.00
5	QPSK	12	13	21.83	21.86	22.10	23.00
5	QPSK	25	0	22.02	21.92	22.17	23.00
5	16QAM	1	0	22.44	22.36	22.39	23.00
5	16QAM	1	12	22.21	22.20	22.11	23.00
5	16QAM	1	24	22.31	22.27	22.17	23.00
5	16QAM	12	0	20.88	20.81	20.84	22.00
5	16QAM	12	7	20.84	20.90	20.88	22.00
5	16QAM	12	13	21.05	21.06	21.02	22.00
5	16QAM	25	0	20.95	20.89	20.97	22.00
5	64QAM	1	0	21.24	21.31	21.32	22.00
5	64QAM	1	12	21.04	21.05	21.10	22.00
5	64QAM	1	24	21.25	21.26	21.17	22.00
5	64QAM	12	0	19.77	19.72	19.83	21.00
5	64QAM	12	7	19.88	19.88	19.83	21.00
5	64QAM	12	13	19.99	20.03	19.95	21.00
5	64QAM	25	0	19.97	19.98	19.89	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.96	22.93	23.03	24.00
3	QPSK	1	8	22.79	22.99	23.12	24.00
3	QPSK	1	14	22.83	22.84	22.91	24.00
3	QPSK	8	0	21.98	21.86	22.12	23.00
3	QPSK	8	4	21.95	21.84	22.06	23.00
3	QPSK	8	7	21.85	21.84	22.04	23.00
3	QPSK	15	0	21.94	21.81	22.05	23.00
3	16QAM	1	0	22.36	22.44	22.43	23.00
3	16QAM	1	8	22.19	22.24	22.16	23.00
3	16QAM	1	14	22.22	22.27	22.22	23.00
3	16QAM	8	0	20.80	20.78	20.79	22.00
3	16QAM	8	4	20.95	20.84	20.96	22.00
3	16QAM	8	7	21.09	21.00	21.02	22.00
3	16QAM	15	0	20.99	20.95	20.95	22.00
3	64QAM	1	0	21.31	21.36	21.23	22.00
3	64QAM	1	8	20.99	21.03	21.03	22.00
3	64QAM	1	14	21.15	21.13	21.22	22.00
3	64QAM	8	0	19.74	19.81	19.86	21.00
3	64QAM	8	4	19.93	19.91	19.96	21.00
3	64QAM	8	7	19.93	20.05	20.06	21.00
3	64QAM	15	0	19.86	19.89	19.91	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.09	22.97	23.15	24.00
1.4	QPSK	1	3	23.24	22.94	23.30	24.00



1.4	QPSK	1	5	23.03	22.90	23.10	24.00
1.4	QPSK	3	0	23.21	23.01	23.22	24.00
1.4	QPSK	3	1	23.05	23.01	23.26	24.00
1.4	QPSK	3	3	23.22	23.03	23.11	24.00
1.4	QPSK	6	0	22.05	21.96	22.16	23.00
1.4	16QAM	1	0	21.90	21.93	22.09	23.00
1.4	16QAM	1	3	22.03	21.94	22.06	23.00
1.4	16QAM	1	5	21.99	21.82	22.03	23.00
1.4	16QAM	3	0	21.98	21.93	22.08	23.00
1.4	16QAM	3	1	21.92	21.82	22.11	23.00
1.4	16QAM	3	3	21.95	21.82	22.10	23.00
1.4	16QAM	6	0	21.10	20.89	21.11	22.00
1.4	64QAM	1	0	20.99	20.93	21.12	22.00
1.4	64QAM	1	3	21.09	20.90	21.11	22.00
1.4	64QAM	1	5	21.06	20.96	21.23	22.00
1.4	64QAM	3	0	21.00	21.03	21.15	22.00
1.4	64QAM	3	1	21.07	20.96	21.13	22.00
1.4	64QAM	3	3	21.06	20.98	21.18	22.00
1.4	64QAM	6	0	20.04	19.99	20.10	21.00

【LTE Band 7_Ant 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.80	21.83	21.98	
20	QPSK	1	49	21.92	22.16	21.99	23.00
20	QPSK	1	99	21.53	21.67	21.78	23.00
20	QPSK	50	0	21.09	21.24	21.37	22.00
20	QPSK	50	24	21.31	21.38	21.31	22.00
20	QPSK	50	50	20.95	21.12	21.15	22.00
20	QPSK	100	0	21.03	21.18	21.22	22.00
20	16QAM	1	0	21.17	21.29	21.41	22.00
20	16QAM	1	49	21.80	21.87	21.97	22.00
20	16QAM	1	99	21.16	21.22	21.25	22.00
20	16QAM	50	0	20.01	20.16	20.21	21.00
20	16QAM	50	24	20.11	20.28	20.32	21.00
20	16QAM	50	50	19.96	20.12	20.21	21.00
20	16QAM	100	0	20.09	20.17	20.20	21.00
20	64QAM	1	0	19.89	19.96	20.01	21.00
20	64QAM	1	49	20.21	20.31	20.31	21.00
20	64QAM	1	99	19.85	20.02	20.01	21.00
20	64QAM	50	0	19.10	19.23	19.35	20.00
20	64QAM	50	24	19.20	19.27	19.32	20.00
20	64QAM	50	50	19.02	19.18	19.28	20.00
20	64QAM	100	0	19.03	19.16	19.21	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.74	21.68	21.85	
15	QPSK	1	37	21.77	21.82	21.91	23.00
15	QPSK	1	74	21.40	21.66	21.77	23.00
15	QPSK	36	0	20.95	21.17	21.31	22.00
15	QPSK	36	20	21.25	21.31	21.42	22.00
15	QPSK	36	39	20.83	21.09	21.12	22.00
15	QPSK	75	0	20.88	21.04	21.14	22.00
15	16QAM	1	0	21.04	21.25	21.37	22.00
15	16QAM	1	37	21.77	21.83	21.92	22.00
15	16QAM	1	74	21.06	21.18	21.12	22.00
15	16QAM	36	0	19.90	20.13	20.15	21.00
15	16QAM	36	20	19.97	20.19	20.25	21.00
15	16QAM	36	39	19.89	19.99	20.13	21.00
15	16QAM	75	0	20.08	20.08	20.14	21.00
15	64QAM	1	0	19.84	19.86	19.88	21.00
15	64QAM	1	37	20.15	20.20	20.25	21.00
15	64QAM	1	74	19.83	19.99	19.98	21.00
15	64QAM	36	0	18.98	19.17	19.24	20.00
15	64QAM	36	20	19.05	19.18	19.26	20.00
15	64QAM	36	39	18.89	19.05	19.16	20.00
15	64QAM	75	0	19.01	19.07	19.10	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.77	21.81	21.84	



10	QPSK	1	25	21.73	21.83	21.89	23.00
10	QPSK	1	49	21.49	21.56	21.65	23.00
10	QPSK	25	0	20.95	21.21	21.24	22.00
10	QPSK	25	12	21.25	21.33	21.41	22.00
10	QPSK	25	25	20.92	21.02	21.12	22.00
10	QPSK	50	0	20.99	21.11	21.08	22.00
10	16QAM	1	0	21.11	21.22	21.36	22.00
10	16QAM	1	25	21.71	21.83	21.86	22.00
10	16QAM	1	49	21.12	21.20	21.17	22.00
10	16QAM	25	0	19.98	20.07	20.15	21.00
10	16QAM	25	12	20.05	20.21	20.30	21.00
10	16QAM	25	25	19.91	19.99	20.08	21.00
10	16QAM	50	0	20.01	20.13	20.09	21.00
10	64QAM	1	0	19.83	19.89	19.88	21.00
10	64QAM	1	25	20.14	20.16	20.27	21.00
10	64QAM	1	49	19.73	19.91	19.91	21.00
10	64QAM	25	0	18.96	19.09	19.24	20.00
10	64QAM	25	12	19.09	19.15	19.23	20.00
10	64QAM	25	25	18.90	19.14	19.25	20.00
10	64QAM	50	0	18.90	19.11	19.12	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.76	21.80	21.95	23.00
5	QPSK	1	12	21.77	21.81	21.92	23.00
5	QPSK	1	24	21.48	21.55	21.63	23.00
5	QPSK	12	0	21.08	21.10	21.33	22.00
5	QPSK	12	7	21.19	21.31	21.32	22.00
5	QPSK	12	13	20.81	20.97	21.00	22.00
5	QPSK	25	0	21.01	21.12	21.18	22.00
5	16QAM	1	0	21.07	21.14	21.32	22.00
5	16QAM	1	12	21.66	21.80	21.87	22.00
5	16QAM	1	24	21.04	21.17	21.19	22.00
5	16QAM	12	0	19.96	20.01	20.09	21.00
5	16QAM	12	7	19.98	20.26	20.26	21.00
5	16QAM	12	13	19.87	20.02	20.06	21.00
5	16QAM	25	0	19.95	20.14	20.06	21.00
5	64QAM	1	0	19.81	19.91	19.96	21.00
5	64QAM	1	12	20.18	20.28	20.17	21.00
5	64QAM	1	24	19.73	19.90	19.97	21.00
5	64QAM	12	0	18.97	19.16	19.33	20.00
5	64QAM	12	7	19.15	19.12	19.26	20.00
5	64QAM	12	13	18.89	19.15	19.22	20.00
5	64QAM	25	0	18.99	19.11	19.12	20.00

【LTE Band 12_Ant 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				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.16	22.93	23.07	24.00
10	QPSK	1	25	22.97	22.73	22.78	24.00
10	QPSK	1	49	23.02	22.85	22.83	24.00
10	QPSK	25	0	22.13	22.03	21.97	23.00
10	QPSK	25	12	22.04	21.96	21.95	23.00
10	QPSK	25	25	21.89	21.74	21.94	23.00
10	QPSK	50	0	22.03	21.95	21.99	23.00
10	16QAM	1	0	22.54	22.63	22.54	23.00
10	16QAM	1	25	22.39	22.43	22.37	23.00
10	16QAM	1	49	22.04	22.17	22.03	23.00
10	16QAM	25	0	21.07	21.16	21.01	22.00
10	16QAM	25	12	20.96	21.00	20.93	22.00
10	16QAM	25	25	20.70	20.88	20.78	22.00
10	16QAM	50	0	20.88	20.92	20.82	22.00
10	64QAM	1	0	21.25	21.27	21.24	22.00
10	64QAM	1	25	20.92	21.03	20.90	22.00
10	64QAM	1	49	20.88	21.04	20.91	22.00
10	64QAM	25	0	20.01	20.16	20.09	21.00
10	64QAM	25	12	19.97	20.03	19.99	21.00
10	64QAM	25	25	19.96	20.07	19.96	21.00
10	64QAM	50	0	19.91	20.06	19.97	21.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	



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5	QPSK	1	0	23.09	22.86	22.89	24.00
5	QPSK	1	12	22.98	22.91	22.84	24.00
5	QPSK	1	24	22.72	22.88	23.03	24.00
5	QPSK	12	0	22.05	21.97	21.83	23.00
5	QPSK	12	7	22.10	21.95	21.95	23.00
5	QPSK	12	13	22.01	21.87	21.97	23.00
5	QPSK	25	0	22.03	21.95	21.79	23.00
5	16QAM	1	0	22.50	22.45	22.50	23.00
5	16QAM	1	12	22.29	22.27	22.36	23.00
5	16QAM	1	24	22.06	22.01	22.01	23.00
5	16QAM	12	0	21.02	21.13	21.04	22.00
5	16QAM	12	7	20.91	20.95	20.85	22.00
5	16QAM	12	13	20.73	20.73	20.73	22.00
5	16QAM	25	0	20.89	20.87	20.89	22.00
5	64QAM	1	0	21.10	21.21	21.21	22.00
5	64QAM	1	12	20.93	20.87	20.92	22.00
5	64QAM	1	24	20.93	20.87	20.86	22.00
5	64QAM	12	0	20.14	20.12	20.02	21.00
5	64QAM	12	7	19.96	19.89	19.97	21.00
5	64QAM	12	13	20.01	20.02	19.92	21.00
5	64QAM	25	0	19.89	19.94	19.92	21.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.02	22.99	22.89	24.00
3	QPSK	1	8	22.96	22.98	22.78	24.00
3	QPSK	1	14	22.98	22.77	22.83	24.00
3	QPSK	8	0	21.98	21.85	21.85	23.00
3	QPSK	8	4	21.96	21.94	21.86	23.00
3	QPSK	8	7	22.00	21.84	21.85	23.00
3	QPSK	15	0	21.89	21.84	21.89	23.00
3	16QAM	1	0	22.56	22.51	22.54	23.00
3	16QAM	1	8	22.34	22.28	22.26	23.00
3	16QAM	1	14	22.13	22.07	22.00	23.00
3	16QAM	8	0	21.05	21.00	21.01	22.00
3	16QAM	8	4	20.86	20.96	20.96	22.00
3	16QAM	8	7	20.85	20.83	20.84	22.00
3	16QAM	15	0	20.78	20.87	20.86	22.00
3	64QAM	1	0	21.25	21.11	21.23	22.00
3	64QAM	1	8	20.87	20.96	20.88	22.00
3	64QAM	1	14	20.92	20.95	20.86	22.00
3	64QAM	8	0	19.99	20.03	20.07	21.00
3	64QAM	8	4	19.92	19.91	19.91	21.00
3	64QAM	8	7	19.96	19.92	19.89	21.00
3	64QAM	15	0	19.88	20.01	19.93	21.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.17	23.22	23.13	24.00
1.4	QPSK	1	3	22.78	23.04	23.10	24.00
1.4	QPSK	1	5	23.11	22.86	23.11	24.00
1.4	QPSK	3	0	23.21	22.92	23.01	24.00
1.4	QPSK	3	1	23.26	22.94	23.19	24.00
1.4	QPSK	3	3	23.37	23.06	23.08	24.00
1.4	QPSK	6	0	22.26	22.03	22.03	23.00
1.4	16QAM	1	0	22.12	21.93	21.96	23.00
1.4	16QAM	1	3	22.16	21.89	21.95	23.00
1.4	16QAM	1	5	22.13	22.00	21.90	23.00
1.4	16QAM	3	0	22.12	21.93	21.86	23.00
1.4	16QAM	3	1	22.19	21.99	21.88	23.00
1.4	16QAM	3	3	22.09	21.96	22.00	23.00
1.4	16QAM	6	0	21.32	21.10	21.02	22.00
1.4	64QAM	1	0	21.23	21.00	21.05	22.00
1.4	64QAM	1	3	21.24	21.01	21.01	22.00
1.4	64QAM	1	5	21.28	21.04	20.96	22.00
1.4	64QAM	3	0	21.33	21.09	20.97	22.00
1.4	64QAM	3	1	21.25	21.03	21.04	22.00
1.4	64QAM	3	3	21.26	21.08	21.06	22.00
1.4	64QAM	6	0	20.22	20.02	20.07	21.00

【LTE Band 13_Ant 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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.01		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.67		24.00
10	QPSK	25	0		21.74		23.00
10	QPSK	25	12		21.65		23.00
10	QPSK	25	25		21.56		23.00
10	QPSK	50	0		21.69		23.00
10	16QAM	1	0		22.06		23.00
10	16QAM	1	25		22.15		23.00
10	16QAM	1	49		21.96		23.00
10	16QAM	25	0		20.65		22.00
10	16QAM	25	12		20.45		22.00
10	16QAM	25	25		20.53		22.00
10	16QAM	50	0		20.76		22.00
10	64QAM	1	0		21.13		22.00
10	64QAM	1	25		20.67		22.00
10	64QAM	1	49		20.86		22.00
10	64QAM	25	0		19.79		21.00
10	64QAM	25	12		19.60		21.00
10	64QAM	25	25		19.67		21.00
10	64QAM	50	0		19.74		21.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.48	22.86	22.74	24.00
5	QPSK	1	12	22.78	22.78	22.95	24.00
5	QPSK	1	24	22.51	22.71	22.68	24.00
5	QPSK	12	0	21.48	21.68	21.83	23.00
5	QPSK	12	7	21.59	21.65	21.72	23.00
5	QPSK	12	13	21.48	21.67	21.66	23.00
5	QPSK	25	0	21.62	21.69	21.75	23.00
5	16QAM	1	0	21.51	21.59	21.64	23.00
5	16QAM	1	12	21.58	21.61	21.71	23.00
5	16QAM	1	24	21.52	21.59	21.62	23.00
5	16QAM	12	0	20.56	20.63	20.82	22.00
5	16QAM	12	7	20.56	20.76	20.76	22.00
5	16QAM	12	13	20.63	20.66	20.79	22.00
5	16QAM	25	0	20.61	20.71	20.73	22.00
5	64QAM	1	0	20.68	20.74	20.67	22.00
5	64QAM	1	12	20.65	20.71	20.71	22.00
5	64QAM	1	24	20.60	20.71	20.75	22.00
5	64QAM	12	0	19.62	19.74	19.77	21.00
5	64QAM	12	7	19.66	19.67	19.70	21.00
5	64QAM	12	13	19.64	19.74	19.74	21.00
5	64QAM	25	0	19.55	19.76	19.77	21.00



【LTE Band 17_Ant 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				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.18	23.21	23.30	24.00
10	QPSK	1	25	22.89	22.89	23.16	24.00
10	QPSK	1	49	22.81	22.83	22.84	24.00
10	QPSK	25	0	22.01	22.01	21.98	23.00
10	QPSK	25	12	21.97	21.85	21.89	23.00
10	QPSK	25	25	21.93	21.84	21.87	23.00
10	QPSK	50	0	21.97	22.01	21.95	23.00
10	16QAM	1	0	22.43	22.47	22.30	23.00
10	16QAM	1	25	22.35	22.40	22.37	23.00
10	16QAM	1	49	22.08	22.12	21.95	23.00
10	16QAM	25	0	20.97	21.10	20.96	22.00
10	16QAM	25	12	20.87	20.99	20.94	22.00
10	16QAM	25	25	20.91	21.04	20.87	22.00
10	16QAM	50	0	21.00	21.08	21.06	22.00
10	64QAM	1	0	21.35	21.51	21.42	22.00
10	64QAM	1	25	21.45	21.52	21.45	22.00
10	64QAM	1	49	20.90	21.01	20.88	22.00
10	64QAM	25	0	19.87	20.03	19.89	21.00
10	64QAM	25	12	20.13	20.15	20.13	21.00
10	64QAM	25	25	19.99	20.14	20.00	21.00
10	64QAM	50	0	20.08	20.11	19.97	21.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	22.98	22.83	24.00
5	QPSK	1	12	23.15	23.07	22.91	24.00
5	QPSK	1	24	22.95	22.88	22.71	24.00
5	QPSK	12	0	22.12	21.96	21.99	23.00
5	QPSK	12	7	22.06	21.94	21.84	23.00
5	QPSK	12	13	21.98	21.93	21.83	23.00
5	QPSK	25	0	22.07	21.85	21.85	23.00
5	16QAM	1	0	22.29	22.41	22.35	23.00
5	16QAM	1	12	22.38	22.28	22.36	23.00
5	16QAM	1	24	22.09	21.96	21.95	23.00
5	16QAM	12	0	21.07	21.00	21.07	22.00
5	16QAM	12	7	20.93	20.92	20.83	22.00
5	16QAM	12	13	20.86	21.00	20.91	22.00
5	16QAM	25	0	21.01	20.95	20.92	22.00
5	64QAM	1	0	21.36	21.48	21.47	22.00
5	64QAM	1	12	21.37	21.45	21.45	22.00
5	64QAM	1	24	20.96	20.98	20.84	22.00
5	64QAM	12	0	19.85	19.87	19.97	21.00
5	64QAM	12	7	20.00	20.07	19.99	21.00
5	64QAM	12	13	20.10	20.08	19.98	21.00
5	64QAM	25	0	19.96	20.02	20.02	21.00



【LTE Band 25_Ant 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.41	23.61	23.63	25.00
20	QPSK	1	49	23.69	23.85	23.72	25.00
20	QPSK	1	99	23.03	23.32	23.34	25.00
20	QPSK	50	0	22.37	22.70	22.78	24.00
20	QPSK	50	24	22.55	23.01	22.69	24.00
20	QPSK	50	50	22.40	22.66	22.83	24.00
20	QPSK	100	0	22.39	22.82	22.90	24.00
20	16QAM	1	0	22.91	22.95	22.83	24.00
20	16QAM	1	49	23.01	23.13	23.07	24.00
20	16QAM	1	99	22.45	22.58	22.51	24.00
20	16QAM	50	0	21.85	21.88	21.73	23.00
20	16QAM	50	24	21.80	21.96	21.83	23.00
20	16QAM	50	50	21.58	21.76	21.67	23.00
20	16QAM	100	0	21.57	21.74	21.65	23.00
20	64QAM	1	0	21.59	21.65	21.55	23.00
20	64QAM	1	49	21.64	21.68	21.51	23.00
20	64QAM	1	99	21.29	21.46	21.35	23.00
20	64QAM	50	0	20.70	20.77	20.72	22.00
20	64QAM	50	24	20.72	20.85	20.70	22.00
20	64QAM	50	50	20.67	20.74	20.58	22.00
20	64QAM	100	0	20.44	20.58	20.45	22.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.68	23.67	23.83	25.00
15	QPSK	1	37	23.45	24.15	23.99	25.00
15	QPSK	1	74	23.36	23.84	23.85	25.00
15	QPSK	36	0	22.56	22.84	23.04	24.00
15	QPSK	36	20	22.51	22.91	23.13	24.00
15	QPSK	36	39	22.67	22.94	23.06	24.00
15	QPSK	75	0	22.64	22.74	23.09	24.00
15	16QAM	1	0	22.87	22.85	22.91	24.00
15	16QAM	1	37	23.06	22.96	22.97	24.00
15	16QAM	1	74	22.54	22.51	22.42	24.00
15	16QAM	36	0	21.73	21.82	21.73	23.00
15	16QAM	36	20	21.93	21.87	21.88	23.00
15	16QAM	36	39	21.71	21.71	21.67	23.00
15	16QAM	75	0	21.59	21.63	21.59	23.00
15	64QAM	1	0	21.57	21.61	21.58	23.00
15	64QAM	1	37	21.59	21.56	21.55	23.00
15	64QAM	1	74	21.30	21.36	21.40	23.00
15	64QAM	36	0	20.67	20.71	20.66	22.00
15	64QAM	36	20	20.80	20.71	20.69	22.00
15	64QAM	36	39	20.64	20.67	20.70	22.00
15	64QAM	75	0	20.42	20.42	20.54	22.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.92	24.02	24.26	25.00
10	QPSK	1	25	24.01	24.31	24.22	25.00
10	QPSK	1	49	24.06	24.37	24.40	25.00
10	QPSK	25	0	22.91	23.05	23.26	24.00
10	QPSK	25	12	22.85	22.98	23.28	24.00
10	QPSK	25	25	22.88	23.04	23.15	24.00
10	QPSK	50	0	22.95	23.07	23.22	24.00
10	16QAM	1	0	22.89	22.80	22.84	24.00
10	16QAM	1	25	23.03	23.05	22.97	24.00
10	16QAM	1	49	22.44	22.50	22.51	24.00
10	16QAM	25	0	21.81	21.83	21.73	23.00
10	16QAM	25	12	21.82	21.83	21.83	23.00
10	16QAM	25	25	21.65	21.65	21.71	23.00
10	16QAM	50	0	21.59	21.66	21.62	23.00
10	64QAM	1	0	21.50	21.53	21.59	23.00
10	64QAM	1	25	21.64	21.56	21.62	23.00
10	64QAM	1	49	21.31	21.28	21.43	23.00
10	64QAM	25	0	20.72	20.59	20.65	22.00
10	64QAM	25	12	20.75	20.72	20.82	22.00
10	64QAM	25	25	20.64	20.61	20.59	22.00
10	64QAM	50	0	20.55	20.52	20.51	22.00
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.02	24.03	24.18	25.00
5	QPSK	1	12	24.43	23.81	24.14	25.00



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5	QPSK	1	24	23.85	23.93	24.21	25.00
5	QPSK	12	0	22.95	23.12	23.22	24.00
5	QPSK	12	7	23.06	23.89	23.07	24.00
5	QPSK	12	13	22.81	22.91	23.08	24.00
5	QPSK	25	0	22.91	22.96	23.11	24.00
5	16QAM	1	0	22.85	22.78	22.86	24.00
5	16QAM	1	12	23.01	23.02	22.98	24.00
5	16QAM	1	24	22.54	22.45	22.41	24.00
5	16QAM	12	0	21.74	21.71	21.81	23.00
5	16QAM	12	7	21.85	21.86	21.81	23.00
5	16QAM	12	13	21.63	21.70	21.70	23.00
5	16QAM	25	0	21.71	21.59	21.67	23.00
5	64QAM	1	0	21.58	21.50	21.61	23.00
5	64QAM	1	12	21.62	21.53	21.54	23.00
5	64QAM	1	24	21.36	21.40	21.40	23.00
5	64QAM	12	0	20.61	20.64	20.67	22.00
5	64QAM	12	7	20.82	20.72	20.71	22.00
5	64QAM	12	13	20.58	20.67	20.66	22.00
5	64QAM	25	0	20.43	20.41	20.44	22.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.83	24.02	24.13	25.00
3	QPSK	1	8	23.64	24.01	24.16	25.00
3	QPSK	1	14	23.85	23.91	24.25	25.00
3	QPSK	8	0	22.71	23.16	23.23	24.00
3	QPSK	8	4	22.81	23.06	23.18	24.00
3	QPSK	8	7	22.89	23.08	23.10	24.00
3	QPSK	15	0	22.91	23.17	23.16	24.00
3	16QAM	1	0	22.83	22.79	22.83	24.00
3	16QAM	1	8	23.03	22.97	23.02	24.00
3	16QAM	1	14	22.46	22.53	22.52	24.00
3	16QAM	8	0	21.81	21.77	21.76	23.00
3	16QAM	8	4	21.91	21.81	21.86	23.00
3	16QAM	8	7	21.64	21.59	21.64	23.00
3	16QAM	15	0	21.71	21.67	21.68	23.00
3	64QAM	1	0	21.62	21.58	21.61	23.00
3	64QAM	1	8	21.56	21.61	21.56	23.00
3	64QAM	1	14	21.41	21.36	21.31	23.00
3	64QAM	8	0	20.73	20.75	20.61	22.00
3	64QAM	8	4	20.79	20.74	20.80	22.00
3	64QAM	8	7	20.57	20.64	20.61	22.00
3	64QAM	15	0	20.45	20.44	20.53	22.00
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	23.86	24.01	24.11	25.00
1.4	QPSK	1	3	23.88	23.88	24.28	25.00
1.4	QPSK	1	5	23.85	23.94	24.25	25.00
1.4	QPSK	3	0	23.87	23.98	24.22	25.00
1.4	QPSK	3	1	23.98	24.15	24.33	25.00
1.4	QPSK	3	3	24.02	24.11	24.30	25.00
1.4	QPSK	6	0	22.81	23.01	23.26	24.00
1.4	16QAM	1	0	22.75	22.92	23.14	24.00
1.4	16QAM	1	3	22.64	22.88	23.09	24.00
1.4	16QAM	1	5	22.70	22.87	23.09	24.00
1.4	16QAM	3	0	22.77	22.91	23.15	24.00
1.4	16QAM	3	1	22.71	22.85	23.08	24.00
1.4	16QAM	3	3	22.68	22.83	23.10	24.00
1.4	16QAM	6	0	21.88	21.99	22.31	23.00
1.4	64QAM	1	0	21.76	21.99	22.26	23.00
1.4	64QAM	1	3	21.77	22.06	22.29	23.00
1.4	64QAM	1	5	21.88	22.05	22.28	23.00
1.4	64QAM	3	0	21.81	22.02	22.32	23.00
1.4	64QAM	3	1	21.74	21.97	22.34	23.00
1.4	64QAM	3	3	21.74	22.08	22.29	23.00
1.4	64QAM	6	0	20.80	20.96	21.29	22.00

**【LTE Band 26_FCC (814~849MHz)_Ant 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	22.50	23.00	22.50	24.00
15	QPSK	1	37	23.00	22.30	23.00	24.00
15	QPSK	1	74	22.30	22.70	22.30	24.00
15	QPSK	36	0	22.00	21.70	22.00	23.00
15	QPSK	36	20	22.30	21.60	22.00	23.00
15	QPSK	36	39	22.00	21.70	21.70	23.00
15	QPSK	75	0	22.00	21.70	21.90	23.00
15	16QAM	1	0	21.32	21.45	21.37	23.00
15	16QAM	1	37	21.03	21.04	21.02	23.00
15	16QAM	1	74	21.05	21.04	21.01	23.00
15	16QAM	36	0	20.03	20.05	20.04	22.00
15	16QAM	36	20	20.04	20.01	20.03	22.00
15	16QAM	36	39	20.01	20.06	20.01	22.00
15	16QAM	75	0	20.03	20.02	20.06	22.00
15	64QAM	1	0	21.44	21.48	21.35	22.00
15	64QAM	1	37	20.67	20.72	20.67	22.00
15	64QAM	1	74	20.85	20.96	20.94	22.00
15	64QAM	36	0	19.63	19.75	19.61	21.00
15	64QAM	36	20	19.60	19.74	19.67	21.00
15	64QAM	36	39	19.65	19.78	19.68	21.00
15	64QAM	75	0	19.77	19.83	19.80	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.07	23.10	23.10	24.00
10	QPSK	1	25	23.04	22.95	23.05	24.00
10	QPSK	1	49	23.08	22.83	22.93	24.00
10	QPSK	25	0	22.09	21.85	21.80	23.00
10	QPSK	25	12	22.09	21.86	21.99	23.00
10	QPSK	25	25	22.01	21.71	21.96	23.00
10	QPSK	50	0	22.06	21.82	21.94	23.00
10	16QAM	1	0	21.42	21.29	21.37	23.00
10	16QAM	1	25	21.05	21.05	21.04	23.00
10	16QAM	1	49	21.03	21.01	21.03	23.00
10	16QAM	25	0	20.05	20.06	20.06	22.00
10	16QAM	25	12	20.05	20.02	20.09	22.00
10	16QAM	25	25	20.03	20.02	20.06	22.00
10	16QAM	50	0	20.01	20.03	20.08	22.00
10	64QAM	1	0	21.35	21.30	21.43	22.00
10	64QAM	1	25	20.59	20.61	20.69	22.00
10	64QAM	1	49	20.94	20.85	20.84	22.00
10	64QAM	25	0	19.67	19.67	19.72	21.00
10	64QAM	25	12	19.70	19.59	19.58	21.00
10	64QAM	25	25	19.66	19.64	19.61	21.00
10	64QAM	50	0	19.70	19.73	19.79	21.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.09	22.71	23.03	24.00
5	QPSK	1	12	22.98	22.84	22.97	24.00
5	QPSK	1	24	23.03	22.60	22.83	24.00
5	QPSK	12	0	21.93	21.76	21.92	23.00
5	QPSK	12	7	22.04	21.85	21.89	23.00
5	QPSK	12	13	21.93	21.68	21.96	23.00
5	QPSK	25	0	22.01	21.82	21.87	23.00
5	16QAM	1	0	21.28	21.37	21.32	23.00
5	16QAM	1	12	21.04	21.06	21.07	23.00
5	16QAM	1	24	21.03	21.09	21.02	23.00
5	16QAM	12	0	20.06	20.05	20.02	22.00
5	16QAM	12	7	20.03	20.08	20.01	22.00
5	16QAM	12	13	20.01	20.05	20.04	22.00
5	16QAM	25	0	20.02	20.01	20.03	22.00
5	64QAM	1	0	21.40	21.46	21.35	22.00
5	64QAM	1	12	20.67	20.61	20.61	22.00
5	64QAM	1	24	20.94	20.86	20.94	22.00
5	64QAM	12	0	19.67	19.64	19.58	21.00
5	64QAM	12	7	19.70	19.59	19.58	21.00
5	64QAM	12	13	19.70	19.76	19.71	21.00
5	64QAM	25	0	19.69	19.70	19.81	21.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.86	22.71	22.88	24.00
3	QPSK	1	8	22.91	22.84	22.86	24.00



3	QPSK	1	14	22.97	22.61	22.79	24.00
3	QPSK	8	0	21.99	21.81	21.81	23.00
3	QPSK	8	4	21.94	21.82	21.86	23.00
3	QPSK	8	7	21.92	21.79	21.88	23.00
3	QPSK	15	0	21.93	21.81	21.87	23.00
3	16QAM	1	0	21.32	21.35	21.42	23.00
3	16QAM	1	8	21.03	21.09	21.08	23.00
3	16QAM	1	14	21.01	21.05	21.05	23.00
3	16QAM	8	0	20.05	20.09	20.08	22.00
3	16QAM	8	4	20.06	20.02	20.04	22.00
3	16QAM	8	7	20.07	20.08	20.01	22.00
3	16QAM	15	0	20.04	20.06	20.09	22.00
3	64QAM	1	0	21.34	21.33	21.43	22.00
3	64QAM	1	8	20.67	20.61	20.65	22.00
3	64QAM	1	14	20.90	20.83	20.86	22.00
3	64QAM	8	0	19.63	19.68	19.71	21.00
3	64QAM	8	4	19.59	19.57	19.57	21.00
3	64QAM	8	7	19.62	19.64	19.67	21.00
3	64QAM	15	0	19.70	19.69	19.67	21.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.21	23.14	22.85	24.00
1.4	QPSK	1	3	23.13	23.25	22.92	24.00
1.4	QPSK	1	5	23.08	23.06	22.85	24.00
1.4	QPSK	3	0	23.08	23.01	22.81	24.00
1.4	QPSK	3	1	23.14	22.92	22.94	24.00
1.4	QPSK	3	3	23.14	22.87	22.96	24.00
1.4	QPSK	6	0	22.16	21.84	21.82	23.00
1.4	16QAM	1	0	22.00	21.73	21.70	23.00
1.4	16QAM	1	3	22.11	21.66	21.80	23.00
1.4	16QAM	1	5	22.11	21.79	21.70	23.00
1.4	16QAM	3	0	22.08	21.72	21.68	23.00
1.4	16QAM	3	1	22.04	21.69	21.73	23.00
1.4	16QAM	3	3	22.09	21.72	21.69	23.00
1.4	16QAM	6	0	21.17	20.88	20.82	22.00
1.4	64QAM	1	0	21.08	20.80	20.77	22.00
1.4	64QAM	1	3	21.16	20.78	20.84	22.00
1.4	64QAM	1	5	21.24	20.84	20.88	22.00
1.4	64QAM	3	0	21.10	20.81	20.77	22.00
1.4	64QAM	3	1	21.12	20.83	20.82	22.00
1.4	64QAM	3	3	21.21	20.78	20.87	22.00
1.4	64QAM	6	0	20.12	19.78	19.84	21.00

【LTE Band 66_Ant 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.82	23.83	23.94	25.00
20	QPSK	1	49	24.37	24.29	24.46	25.00
20	QPSK	1	99	24.29	24.25	24.42	25.00
20	QPSK	50	0	23.17	23.17	23.24	24.00
20	QPSK	50	24	23.44	23.34	23.48	24.00
20	QPSK	50	50	23.32	23.32	23.36	24.00
20	QPSK	100	0	23.22	23.25	23.36	24.00
20	16QAM	1	0	22.78	22.80	22.64	24.00
20	16QAM	1	49	23.47	23.61	23.57	24.00
20	16QAM	1	99	23.17	23.25	23.14	24.00
20	16QAM	50	0	21.74	21.91	21.83	23.00
20	16QAM	50	24	21.91	22.08	22.05	23.00
20	16QAM	50	50	21.88	22.02	21.99	23.00
20	16QAM	100	0	21.72	21.89	21.85	23.00
20	64QAM	1	0	21.64	21.68	21.56	23.00
20	64QAM	1	49	22.16	22.20	22.16	23.00
20	64QAM	1	99	21.98	22.14	22.02	23.00
20	64QAM	50	0	20.73	20.89	20.76	22.00
20	64QAM	50	24	20.95	21.06	20.96	22.00
20	64QAM	50	50	20.80	20.98	20.94	22.00
20	64QAM	100	0	20.70	20.84	20.76	22.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.26	24.36	24.38	25.00



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15	QPSK	1	37	24.22	24.45	24.28	25.00
15	QPSK	1	74	24.26	24.18	24.41	25.00
15	QPSK	36	0	23.34	23.36	23.48	24.00
15	QPSK	36	20	23.45	23.31	23.40	24.00
15	QPSK	36	39	23.27	23.26	23.32	24.00
15	QPSK	75	0	23.32	23.21	23.37	24.00
15	16QAM	1	0	22.70	22.63	22.64	24.00
15	16QAM	1	37	23.45	23.47	23.56	24.00
15	16QAM	1	74	23.19	23.21	23.08	24.00
15	16QAM	36	0	21.89	21.85	21.86	23.00
15	16QAM	36	20	22.06	22.01	22.05	23.00
15	16QAM	36	39	21.91	21.85	21.92	23.00
15	16QAM	75	0	21.72	21.76	21.74	23.00
15	64QAM	1	0	21.61	21.62	21.52	23.00
15	64QAM	1	37	22.15	22.12	22.04	23.00
15	64QAM	1	74	22.07	22.04	22.08	23.00
15	64QAM	36	0	20.85	20.73	20.86	22.00
15	64QAM	36	20	20.96	20.88	20.98	22.00
15	64QAM	36	39	20.91	20.88	20.95	22.00
15	64QAM	75	0	20.75	20.75	20.75	22.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.51	23.43	23.38	25.00
10	QPSK	1	25	24.12	24.17	24.10	25.00
10	QPSK	1	49	24.53	24.60	24.23	25.00
10	QPSK	25	0	23.13	22.97	22.84	24.00
10	QPSK	25	12	23.22	23.15	23.13	24.00
10	QPSK	25	25	23.20	23.26	23.11	24.00
10	QPSK	50	0	23.14	23.14	23.04	24.00
10	16QAM	1	0	22.78	22.68	22.71	24.00
10	16QAM	1	25	23.58	23.57	23.52	24.00
10	16QAM	1	49	23.15	23.08	23.23	24.00
10	16QAM	25	0	21.76	21.82	21.80	23.00
10	16QAM	25	12	21.92	22.06	21.94	23.00
10	16QAM	25	25	21.96	21.84	22.00	23.00
10	16QAM	50	0	21.82	21.80	21.84	23.00
10	64QAM	1	0	21.59	21.56	21.55	23.00
10	64QAM	1	25	22.10	22.07	22.17	23.00
10	64QAM	1	49	21.97	22.03	22.07	23.00
10	64QAM	25	0	20.74	20.73	20.77	22.00
10	64QAM	25	12	20.92	20.95	20.91	22.00
10	64QAM	25	25	20.95	20.89	20.89	22.00
10	64QAM	50	0	20.79	20.66	20.76	22.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.15	24.29	24.18	25.00
5	QPSK	1	12	24.63	24.56	24.61	25.00
5	QPSK	1	24	24.16	24.08	24.01	25.00
5	QPSK	12	0	23.26	23.17	23.08	24.00
5	QPSK	12	7	23.16	23.22	23.02	24.00
5	QPSK	12	13	23.20	23.13	23.16	24.00
5	QPSK	25	0	23.12	23.16	23.15	24.00
5	16QAM	1	0	22.72	22.63	22.70	24.00
5	16QAM	1	12	23.58	23.47	23.48	24.00
5	16QAM	1	24	23.12	23.14	23.11	24.00
5	16QAM	12	0	21.77	21.80	21.79	23.00
5	16QAM	12	7	22.03	22.03	21.99	23.00
5	16QAM	12	13	21.90	21.94	21.96	23.00
5	16QAM	25	0	21.79	21.81	21.76	23.00
5	64QAM	1	0	21.54	21.60	21.56	23.00
5	64QAM	1	12	22.14	22.04	22.12	23.00
5	64QAM	1	24	22.11	22.10	21.99	23.00
5	64QAM	12	0	20.75	20.81	20.81	22.00
5	64QAM	12	7	20.93	21.03	20.94	22.00
5	64QAM	12	13	20.90	20.85	20.86	22.00
5	64QAM	25	0	20.78	20.77	20.72	22.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.26	24.27	24.24	25.00
3	QPSK	1	8	24.39	24.15	24.28	25.00
3	QPSK	1	14	24.16	24.16	24.11	25.00
3	QPSK	8	0	23.23	23.21	23.20	24.00
3	QPSK	8	4	23.21	23.17	23.12	24.00
3	QPSK	8	7	23.19	23.09	23.10	24.00
3	QPSK	15	0	23.16	23.16	23.18	24.00
3	16QAM	1	0	22.76	22.72	22.74	24.00
3	16QAM	1	8	23.53	23.53	23.50	24.00
3	16QAM	1	14	23.20	23.11	23.22	24.00



3	16QAM	8	0	21.74	21.81	21.85	23.00
3	16QAM	8	4	21.95	21.98	21.94	23.00
3	16QAM	8	7	21.93	21.96	21.93	23.00
3	16QAM	15	0	21.77	21.84	21.76	23.00
3	64QAM	1	0	21.51	21.54	21.57	23.00
3	64QAM	1	8	22.13	22.04	22.14	23.00
3	64QAM	1	14	22.03	21.98	22.04	23.00
3	64QAM	8	0	20.71	20.83	20.77	22.00
3	64QAM	8	4	20.99	20.95	21.00	22.00
3	64QAM	8	7	20.85	20.92	20.94	22.00
3	64QAM	15	0	20.73	20.81	20.69	22.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.29	24.13	24.16	25.00
1.4	QPSK	1	3	24.23	24.04	24.10	25.00
1.4	QPSK	1	5	24.19	24.10	24.12	25.00
1.4	QPSK	3	0	24.26	24.25	24.19	25.00
1.4	QPSK	3	1	24.28	24.22	24.33	25.00
1.4	QPSK	3	3	24.26	24.49	24.10	25.00
1.4	QPSK	6	0	23.03	23.16	23.09	24.00
1.4	16QAM	1	0	22.86	23.12	22.95	24.00
1.4	16QAM	1	3	22.96	23.07	22.93	24.00
1.4	16QAM	1	5	22.86	23.04	22.91	24.00
1.4	16QAM	3	0	23.00	23.10	23.02	24.00
1.4	16QAM	3	1	22.88	23.01	23.01	24.00
1.4	16QAM	3	3	22.97	23.09	22.98	24.00
1.4	16QAM	6	0	21.95	22.20	22.02	23.00
1.4	64QAM	1	0	21.97	22.20	22.13	23.00
1.4	64QAM	1	3	21.95	22.22	22.16	23.00
1.4	64QAM	1	5	21.96	22.08	22.11	23.00
1.4	64QAM	3	0	22.04	22.09	22.01	23.00
1.4	64QAM	3	1	21.98	22.15	22.05	23.00
1.4	64QAM	3	3	22.02	22.11	22.13	23.00
1.4	64QAM	6	0	21.04	21.16	21.07	22.00

【LTE Band 71_Ant 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.26	22.23	22.17	24.00
20	QPSK	1	49	23.52	23.55	23.42	24.00
20	QPSK	1	99	23.04	22.87	22.94	24.00
20	QPSK	50	0	22.20	22.30	22.10	23.00
20	QPSK	50	24	22.44	22.42	22.42	23.00
20	QPSK	50	50	22.30	22.20	22.18	23.00
20	QPSK	100	0	22.23	22.18	22.13	23.00
20	16QAM	1	0	21.43	21.51	21.34	23.00
20	16QAM	1	49	22.68	22.70	22.62	23.00
20	16QAM	1	99	22.14	22.23	22.19	23.00
20	16QAM	50	0	20.80	20.96	20.78	22.00
20	16QAM	50	24	21.45	21.52	21.38	22.00
20	16QAM	50	50	21.22	21.31	21.19	22.00
20	16QAM	100	0	21.13	21.21	21.06	22.00
20	64QAM	1	0	20.37	20.53	20.45	22.00
20	64QAM	1	49	21.65	21.77	21.73	22.00
20	64QAM	1	99	20.80	20.90	20.86	22.00
20	64QAM	50	0	20.18	20.22	20.17	21.00
20	64QAM	50	24	20.43	20.56	20.45	21.00
20	64QAM	50	50	20.32	20.41	20.27	21.00
20	64QAM	100	0	20.23	20.26	20.16	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.20	23.13	23.06	24.00
15	QPSK	1	37	23.54	23.44	23.39	24.00
15	QPSK	1	74	23.37	23.11	23.17	24.00
15	QPSK	36	0	22.45	22.48	22.27	23.00
15	QPSK	36	20	22.60	22.59	22.31	23.00
15	QPSK	36	39	22.44	22.43	22.30	23.00
15	QPSK	75	0	22.53	22.31	22.39	23.00
15	16QAM	1	0	22.40	22.56	22.43	23.00
15	16QAM	1	37	22.94	23.00	22.73	23.00



15	16QAM	1	74	22.75	22.72	22.60	23.00
15	16QAM	36	0	21.49	21.45	21.37	22.00
15	16QAM	36	20	21.88	21.70	21.53	22.00
15	16QAM	36	39	21.38	21.61	21.57	22.00
15	16QAM	75	0	21.30	21.41	21.36	22.00
15	64QAM	1	0	21.16	21.35	21.34	22.00
15	64QAM	1	37	21.16	21.36	21.27	22.00
15	64QAM	1	74	21.23	21.39	21.28	22.00
15	64QAM	36	0	20.24	20.34	20.29	21.00
15	64QAM	36	20	20.32	20.45	20.40	21.00
15	64QAM	36	39	20.34	20.48	20.43	21.00
15	64QAM	75	0	20.23	20.40	20.37	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.72	22.56	22.56	24.00
10	QPSK	1	25	23.51	23.50	23.46	24.00
10	QPSK	1	49	23.53	23.71	23.73	24.00
10	QPSK	25	0	22.54	22.28	22.44	23.00
10	QPSK	25	12	22.70	22.65	22.53	23.00
10	QPSK	25	25	22.62	22.65	22.43	23.00
10	QPSK	50	0	22.61	22.52	22.47	23.00
10	16QAM	1	0	21.41	21.43	21.45	23.00
10	16QAM	1	25	22.67	22.52	22.60	23.00
10	16QAM	1	49	22.15	22.14	22.17	23.00
10	16QAM	25	0	20.83	20.78	20.81	22.00
10	16QAM	25	12	21.48	21.43	21.50	22.00
10	16QAM	25	25	21.25	21.29	21.26	22.00
10	16QAM	50	0	21.13	21.06	21.13	22.00
10	64QAM	1	0	20.42	20.41	20.37	22.00
10	64QAM	1	25	21.72	21.66	21.66	22.00
10	64QAM	1	49	20.85	20.74	20.72	22.00
10	64QAM	25	0	20.04	20.14	20.12	21.00
10	64QAM	25	12	20.53	20.38	20.47	21.00
10	64QAM	25	25	20.36	20.35	20.28	21.00
10	64QAM	50	0	20.23	20.22	20.23	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.69	23.50	23.51	24.00
5	QPSK	1	12	23.34	23.56	23.43	24.00
5	QPSK	1	24	23.27	23.51	23.45	24.00
5	QPSK	12	0	22.52	22.60	22.56	23.00
5	QPSK	12	7	22.39	22.38	22.44	23.00
5	QPSK	12	13	22.41	22.35	22.40	23.00
5	QPSK	25	0	22.55	22.58	22.51	23.00
5	16QAM	1	0	21.34	21.41	21.36	23.00
5	16QAM	1	12	22.62	22.64	22.54	23.00
5	16QAM	1	24	22.12	22.12	22.14	23.00
5	16QAM	12	0	20.81	20.90	20.91	22.00
5	16QAM	12	7	21.35	21.46	21.44	22.00
5	16QAM	12	13	21.27	21.17	21.20	22.00
5	16QAM	25	0	21.14	21.10	21.11	22.00
5	64QAM	1	0	20.46	20.50	20.43	22.00
5	64QAM	1	12	21.68	21.68	21.69	22.00
5	64QAM	1	24	20.77	20.79	20.82	22.00
5	64QAM	12	0	20.06	20.14	20.08	21.00
5	64QAM	12	7	20.52	20.47	20.47	21.00
5	64QAM	12	13	20.33	20.33	20.33	21.00
5	64QAM	25	0	20.13	20.23	20.22	21.00

**<Bluetooth Conducted Power>****【Bluetooth】**

Mode	Channel	Frequency (MHz)	Ant 2		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	16.48	17.50	76.90
	39	2441	16.53	17.50	
	78	2480	16.59	17.50	
BR / EDR 2Mbps	0	2402	12.77	14.00	30.79
	39	2441	12.59	14.00	
	78	2480	12.88	14.00	
BR / EDR 3Mbps	0	2402	12.95	14.00	30.79
	39	2441	12.73	14.00	
	78	2480	12.81	14.00	
LE 125kbps	0	2402	10.42	12.00	82.64
	19	2440	10.17	12.00	
	39	2480	10.45	12.00	
LE 500kbps	0	2402	10.27	12.00	56.66
	19	2440	10.20	12.00	
	39	2480	10.14	12.00	
LE 1Mbps	0	2402	10.56	12.00	62.50
	19	2440	10.15	12.00	
	39	2480	10.27	12.00	
LE 2Mbps	0	2402	10.35	12.00	32.87
	19	2440	9.71	11.00	
	39	2480	10.08	12.00	

<WLAN Conducted Power>**【2.4GHz WLAN_Ant 2】**

Mode	Channel	Frequency (MHz)	Ant 2		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	16.47	17.50	98.94
	6	2437	16.44	17.50	
	11	2462	16.70	17.50	
802.11g 6Mbps	1	2412	17.23	18.00	97.90
	6	2437	17.15	18.00	
	11	2462	16.90	18.00	
802.11n-HT20 MCS0	1	2412	16.59	17.50	97.75
	6	2437	16.58	17.50	
	11	2462	16.81	17.50	

【5.2GHz WLAN_Ant 4】

Mode	Channel	Frequency (MHz)	Ant 4		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	15.22	16.50	97.90
	40	5200	15.37	16.50	
	44	5220	15.57	16.50	
	48	5240	15.81	16.50	
802.11n-HT20 MCS0	36	5180	15.07	16.00	98.50
	40	5200	15.38	16.50	
	44	5220	15.57	16.50	
	48	5240	15.83	16.50	

【5.3GHz WLAN_Ant 4】

			Ant 4		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	15.96	17.00	97.90
	56	5280	16.18	17.00	
	60	5300	16.07	17.00	
	64	5320	15.92	17.00	
802.11n-HT20 MCS0	52	5260	15.97	17.00	98.50
	56	5280	16.10	17.00	
	60	5300	16.05	17.00	
	64	5320	15.89	17.00	

<5.5GHz WLAN_Ant 4_Full Power>

5.5GHz WLAN_Ant 4_Full Power			Ant 4		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	15.36	17.00	97.90
	116	5580	15.12	16.50	97.90
	132	5660	15.57	17.00	97.90
	140	5700	16.09	17.00	97.90
802.11n-HT20 MCS0	100	5500	15.29	17.00	98.50
	116	5580	15.17	16.50	98.50
	132	5660	16.25	17.00	98.50
	140	5700	16.04	17.00	98.50

【5.8GHz WLAN_Ant 4】

			Ant 4		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	16.42	17.50	97.90
	157	5785	15.88	17.00	
	165	5825	15.60	16.50	
802.11n-HT20 MCS0	149	5745	16.45	17.50	98.50
	157	5785	15.88	17.00	
	165	5825	15.65	16.50	