



FCC SAR Test Report

Report No. : FA5D2207

5	QPSK	12	7	17.80	17.84	17.73	19.00
5	QPSK	12	13	17.73	17.74	17.58	19.00
5	QPSK	25	0	17.77	17.88	17.76	19.00
5	16QAM	1	0	17.66	17.85	17.71	19.00
5	16QAM	1	12	17.65	17.81	17.61	19.00
5	16QAM	1	24	17.65	17.83	17.58	19.00
5	16QAM	12	0	17.67	17.90	17.59	19.00
5	16QAM	12	7	17.70	17.87	17.53	19.00
5	16QAM	12	13	17.63	17.81	17.46	19.00
5	16QAM	25	0	17.60	17.76	17.68	19.00
5	64QAM	1	0	17.69	17.90	17.74	19.00
5	64QAM	1	12	17.50	17.74	17.48	19.00
5	64QAM	1	24	17.50	17.73	17.62	19.00
5	64QAM	12	0	17.54	17.71	17.53	19.00
5	64QAM	12	7	17.76	17.87	17.73	19.00
5	64QAM	12	13	17.64	17.82	17.58	19.00
5	64QAM	25	0	17.53	17.58	17.56	19.00
5	256QAM	1	0	17.80	17.83	17.64	19.00
5	256QAM	1	12	17.68	17.66	17.63	19.00
5	256QAM	1	24	17.61	17.62	17.44	19.00
5	256QAM	12	0	17.60	17.79	17.54	19.00
5	256QAM	12	7	17.53	17.76	17.57	19.00
5	256QAM	12	13	17.60	17.86	17.53	19.00
5	256QAM	25	0	17.47	17.70	17.56	19.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.88	24.89	24.85	26.00
20	QPSK	1	49	24.62	24.65	24.57	26.00
20	QPSK	1	99	24.56	24.62	24.53	26.00
20	QPSK	50	0	23.67	23.70	23.65	25.00
20	QPSK	50	24	23.62	23.68	23.60	25.00
20	QPSK	50	50	23.51	23.66	23.56	25.00
20	QPSK	100	0	23.57	23.61	23.53	25.00
20	16QAM	1	0	23.80	23.84	23.73	25.00
20	16QAM	1	49	23.80	23.91	23.76	25.00
20	16QAM	1	99	23.82	23.86	23.77	25.00
20	16QAM	50	0	22.75	22.81	22.76	24.00
20	16QAM	50	24	22.73	22.75	22.62	24.00
20	16QAM	50	50	22.66	22.71	22.64	24.00
20	16QAM	100	0	22.65	22.68	22.52	24.00
20	64QAM	1	0	22.48	22.63	22.45	24.00
20	64QAM	1	49	22.48	22.58	22.42	24.00
20	64QAM	1	99	22.51	22.56	22.39	24.00
20	64QAM	50	0	21.78	21.86	21.76	23.00
20	64QAM	50	24	21.53	21.64	21.52	23.00
20	64QAM	50	50	21.55	21.66	21.56	23.00
20	64QAM	100	0	21.74	21.78	21.69	23.00
20	256QAM	1	0	19.74	19.78	19.66	21.00
20	256QAM	1	49	19.68	19.76	19.63	21.00
20	256QAM	1	99	19.67	19.77	19.69	21.00
20	256QAM	50	0	19.74	19.87	19.82	21.00
20	256QAM	50	24	19.73	19.76	19.68	21.00
20	256QAM	50	50	19.58	19.73	19.65	21.00
20	256QAM	100	0	19.69	19.79	19.69	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	24.78	24.85	24.80	26.00
15	QPSK	1	37	24.59	24.63	24.50	26.00
15	QPSK	1	74	24.47	24.60	24.38	26.00
15	QPSK	36	0	23.59	23.56	23.56	25.00
15	QPSK	36	20	23.55	23.63	23.50	25.00
15	QPSK	36	39	23.43	23.62	23.43	25.00
15	QPSK	75	0	23.55	23.49	23.50	25.00
15	16QAM	1	0	23.75	23.81	23.71	25.00
15	16QAM	1	37	23.76	23.81	23.65	25.00
15	16QAM	1	74	23.76	23.79	23.65	25.00
15	16QAM	36	0	22.63	22.75	22.73	24.00
15	16QAM	36	20	22.61	22.62	22.57	24.00



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15	16QAM	36	39	22.64	22.61	22.55	24.00
15	16QAM	75	0	22.57	22.66	22.42	24.00
15	64QAM	1	0	22.38	22.55	22.36	24.00
15	64QAM	1	37	22.45	22.50	22.39	24.00
15	64QAM	1	74	22.46	22.51	22.38	24.00
15	64QAM	36	0	21.70	21.83	21.68	23.00
15	64QAM	36	20	21.41	21.63	21.49	23.00
15	64QAM	36	39	21.49	21.56	21.53	23.00
15	64QAM	75	0	21.69	21.76	21.61	23.00
15	256QAM	1	0	19.67	19.66	19.63	21.00
15	256QAM	1	37	19.55	19.63	19.61	21.00
15	256QAM	1	74	19.52	19.72	19.65	21.00
15	256QAM	36	0	19.71	19.82	19.73	21.00
15	256QAM	36	20	19.58	19.62	19.61	21.00
15	256QAM	36	39	19.57	19.66	19.59	21.00
15	256QAM	75	0	19.65	19.72	19.68	21.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	24.86	24.82	24.72	26.00
10	QPSK	1	25	24.48	24.54	24.55	26.00
10	QPSK	1	49	24.51	24.57	24.52	26.00
10	QPSK	25	0	23.58	23.62	23.48	25.00
10	QPSK	25	12	23.55	23.55	23.55	25.00
10	QPSK	25	25	23.49	23.55	23.50	25.00
10	QPSK	50	0	23.56	23.56	23.42	25.00
10	16QAM	1	0	23.77	23.79	23.63	25.00
10	16QAM	1	25	23.79	23.80	23.63	25.00
10	16QAM	1	49	23.75	23.82	23.65	25.00
10	16QAM	25	0	22.73	22.70	22.67	24.00
10	16QAM	25	12	22.70	22.70	22.52	24.00
10	16QAM	25	25	22.55	22.69	22.60	24.00
10	16QAM	50	0	22.59	22.66	22.50	24.00
10	64QAM	1	0	22.47	22.58	22.42	24.00
10	64QAM	1	25	22.35	22.44	22.34	24.00
10	64QAM	1	49	22.41	22.46	22.29	24.00
10	64QAM	25	0	21.67	21.85	21.63	23.00
10	64QAM	25	12	21.47	21.56	21.44	23.00
10	64QAM	25	25	21.51	21.55	21.51	23.00
10	64QAM	50	0	21.70	21.64	21.58	23.00
10	256QAM	1	0	19.73	19.69	19.53	21.00
10	256QAM	1	25	19.55	19.70	19.60	21.00
10	256QAM	1	49	19.64	19.64	19.56	21.00
10	256QAM	25	0	19.71	19.75	19.68	21.00
10	256QAM	25	12	19.71	19.63	19.64	21.00
10	256QAM	25	25	19.43	19.64	19.52	21.00
10	256QAM	50	0	19.63	19.67	19.67	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	24.80	24.80	24.71	26.00
5	QPSK	1	12	24.48	24.52	24.48	26.00
5	QPSK	1	24	24.47	24.57	24.47	26.00
5	QPSK	12	0	23.55	23.59	23.53	25.00
5	QPSK	12	7	23.54	23.66	23.56	25.00
5	QPSK	12	13	23.49	23.54	23.44	25.00
5	QPSK	25	0	23.55	23.59	23.47	25.00
5	16QAM	1	0	23.71	23.73	23.63	25.00
5	16QAM	1	12	23.77	23.90	23.65	25.00
5	16QAM	1	24	23.76	23.74	23.69	25.00
5	16QAM	12	0	22.65	22.69	22.68	24.00
5	16QAM	12	7	22.67	22.67	22.50	24.00
5	16QAM	12	13	22.60	22.62	22.52	24.00
5	16QAM	25	0	22.63	22.59	22.46	24.00
5	64QAM	1	0	22.38	22.60	22.32	24.00
5	64QAM	1	12	22.37	22.50	22.33	24.00
5	64QAM	1	24	22.42	22.50	22.33	24.00
5	64QAM	12	0	21.68	21.82	21.69	23.00
5	64QAM	12	7	21.44	21.52	21.39	23.00
5	64QAM	12	13	21.50	21.65	21.43	23.00
5	64QAM	25	0	21.66	21.71	21.60	23.00
5	256QAM	1	0	19.67	19.64	19.57	21.00
5	256QAM	1	12	19.64	19.63	19.60	21.00
5	256QAM	1	24	19.53	19.67	19.55	21.00
5	256QAM	12	0	19.65	19.72	19.70	21.00
5	256QAM	12	7	19.66	19.62	19.60	21.00
5	256QAM	12	13	19.55	19.66	19.52	21.00
5	256QAM	25	0	19.63	19.69	19.57	21.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_EC11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	15.31	15.36	15.33	16.50
20	QPSK	1	49	15.15	15.29	15.17	16.50
20	QPSK	1	99	15.16	15.24	15.11	16.50
20	QPSK	50	0	15.19	15.32	15.23	16.50
20	QPSK	50	24	15.14	15.25	15.08	16.50
20	QPSK	50	50	15.11	15.27	15.15	16.50
20	QPSK	100	0	15.08	15.23	15.07	16.50
20	16QAM	1	0	15.12	15.22	15.07	16.50
20	16QAM	1	49	15.10	15.24	15.13	16.50
20	16QAM	1	99	15.16	15.26	15.13	16.50
20	16QAM	50	0	15.06	15.21	15.10	16.50
20	16QAM	50	24	15.06	15.17	15.08	16.50
20	16QAM	50	50	15.11	15.25	15.11	16.50
20	16QAM	100	0	14.93	15.09	15.03	16.50
20	64QAM	1	0	14.96	15.10	15.04	16.50
20	64QAM	1	49	14.96	15.13	14.97	16.50
20	64QAM	1	99	15.09	15.18	15.13	16.50
20	64QAM	50	0	14.95	15.13	15.09	16.50
20	64QAM	50	24	15.12	15.23	15.16	16.50
20	64QAM	50	50	15.08	15.20	15.04	16.50
20	64QAM	100	0	15.01	15.17	15.09	16.50
20	256QAM	1	0	14.96	15.11	14.94	16.50
20	256QAM	1	49	15.08	15.22	15.05	16.50
20	256QAM	1	99	14.98	15.08	14.99	16.50
20	256QAM	50	0	15.06	15.12	14.96	16.50
20	256QAM	50	24	15.15	15.25	15.17	16.50
20	256QAM	50	50	14.94	15.12	14.96	16.50
20	256QAM	100	0	15.13	15.22	15.09	16.50
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	15.26	15.30	15.26	16.50
15	QPSK	1	37	15.08	15.26	15.09	16.50
15	QPSK	1	74	15.04	15.13	15.10	16.50
15	QPSK	36	0	15.15	15.28	15.15	16.50
15	QPSK	36	20	15.00	15.20	15.00	16.50
15	QPSK	36	39	15.09	15.26	15.09	16.50
15	QPSK	75	0	14.99	15.17	15.05	16.50
15	16QAM	1	0	15.11	15.14	14.95	16.50
15	16QAM	1	37	15.08	15.23	15.04	16.50
15	16QAM	1	74	15.09	15.14	15.06	16.50
15	16QAM	36	0	14.99	15.19	15.03	16.50
15	16QAM	36	20	14.97	15.03	15.06	16.50
15	16QAM	36	39	15.03	15.19	15.03	16.50
15	16QAM	75	0	14.87	14.95	14.93	16.50
15	64QAM	1	0	14.85	15.08	14.90	16.50
15	64QAM	1	37	14.84	15.09	14.90	16.50
15	64QAM	1	74	14.97	15.07	15.00	16.50
15	64QAM	36	0	14.84	15.07	14.97	16.50
15	64QAM	36	20	15.07	15.08	15.04	16.50
15	64QAM	36	39	14.98	15.18	14.99	16.50
15	64QAM	75	0	14.87	15.14	15.03	16.50
15	256QAM	1	0	14.91	14.99	14.79	16.50
15	256QAM	1	37	14.96	15.20	14.93	16.50
15	256QAM	1	74	14.85	15.00	14.88	16.50
15	256QAM	36	0	14.95	15.09	14.82	16.50
15	256QAM	36	20	15.06	15.24	15.12	16.50
15	256QAM	36	39	14.82	15.04	14.82	16.50
15	256QAM	75	0	15.07	15.10	15.00	16.50
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	15.19	15.29	15.23	16.50
10	QPSK	1	25	15.09	15.20	15.04	16.50
10	QPSK	1	49	15.11	15.20	15.01	16.50
10	QPSK	25	0	15.05	15.20	15.18	16.50
10	QPSK	25	12	15.07	15.12	15.06	16.50
10	QPSK	25	25	14.98	15.19	15.08	16.50
10	QPSK	50	0	14.98	15.17	15.00	16.50
10	16QAM	1	0	15.07	15.20	14.96	16.50



10	16QAM	1	25	15.04	15.21	15.06	16.50
10	16QAM	1	49	15.13	15.17	15.00	16.50
10	16QAM	25	0	14.94	15.17	15.01	16.50
10	16QAM	25	12	15.04	15.03	15.04	16.50
10	16QAM	25	25	14.98	15.16	15.01	16.50
10	16QAM	50	0	14.79	15.02	14.93	16.50
10	64QAM	1	0	14.95	15.01	14.94	16.50
10	64QAM	1	25	14.82	15.00	14.91	16.50
10	64QAM	1	49	15.02	15.08	15.09	16.50
10	64QAM	25	0	14.87	15.02	15.06	16.50
10	64QAM	25	12	14.97	15.13	15.14	16.50
10	64QAM	25	25	14.93	15.17	14.96	16.50
10	64QAM	50	0	14.92	15.09	14.96	16.50
10	256QAM	1	0	14.84	15.07	14.88	16.50
10	256QAM	1	25	15.04	15.14	14.98	16.50
10	256QAM	1	49	14.96	14.96	14.88	16.50
10	256QAM	25	0	14.93	14.98	14.91	16.50
10	256QAM	25	12	15.11	15.14	15.12	16.50
10	256QAM	25	25	14.91	15.01	14.90	16.50
10	256QAM	50	0	15.04	15.12	15.08	16.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	15.22	15.22	15.31	16.50
5	QPSK	1	12	15.10	15.16	15.04	16.50
5	QPSK	1	24	15.05	15.14	14.96	16.50
5	QPSK	12	0	15.08	15.27	15.19	16.50
5	QPSK	12	7	15.12	15.15	15.02	16.50
5	QPSK	12	13	15.06	15.14	15.03	16.50
5	QPSK	25	0	15.04	15.19	14.94	16.50
5	16QAM	1	0	15.09	15.15	15.00	16.50
5	16QAM	1	12	14.97	15.09	14.98	16.50
5	16QAM	1	24	15.03	15.20	14.99	16.50
5	16QAM	12	0	14.93	15.14	15.06	16.50
5	16QAM	12	7	15.00	15.08	14.94	16.50
5	16QAM	12	13	15.02	15.21	14.99	16.50
5	16QAM	25	0	14.81	15.06	14.99	16.50
5	64QAM	1	0	14.82	14.96	15.01	16.50
5	64QAM	1	12	14.91	15.10	14.92	16.50
5	64QAM	1	24	15.02	15.15	15.02	16.50
5	64QAM	12	0	14.89	15.04	15.05	16.50
5	64QAM	12	7	15.03	15.09	15.02	16.50
5	64QAM	12	13	14.94	15.13	14.92	16.50
5	64QAM	25	0	14.87	15.15	15.03	16.50
5	256QAM	1	0	14.91	14.97	14.89	16.50
5	256QAM	1	12	15.01	15.15	14.90	16.50
5	256QAM	1	24	14.87	15.01	14.90	16.50
5	256QAM	12	0	15.00	15.00	14.83	16.50
5	256QAM	12	7	15.07	15.17	15.11	16.50
5	256QAM	12	13	14.89	15.08	14.86	16.50
5	256QAM	25	0	15.04	15.12	14.94	16.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_EC13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.41	18.45	18.43	19.50
20	QPSK	1	49	18.12	18.30	18.22	19.50
20	QPSK	1	99	18.08	18.23	18.18	19.50
20	QPSK	50	0	18.33	18.37	18.32	19.50
20	QPSK	50	24	18.10	18.24	18.14	19.50
20	QPSK	50	50	18.21	18.27	18.21	19.50
20	QPSK	100	0	18.32	18.35	18.30	19.50
20	16QAM	1	0	18.06	18.18	18.03	19.50
20	16QAM	1	49	18.11	18.18	18.03	19.50
20	16QAM	1	99	18.16	18.23	18.17	19.50
20	16QAM	50	0	18.15	18.25	18.09	19.50
20	16QAM	50	24	18.05	18.18	18.14	19.50
20	16QAM	50	50	18.07	18.22	18.08	19.50
20	16QAM	100	0	18.00	18.17	18.10	19.50
20	64QAM	1	0	18.17	18.30	18.18	19.50
20	64QAM	1	49	18.23	18.33	18.27	19.50



20	64QAM	1	99	18.06	18.23	18.18	19.50
20	64QAM	50	0	18.04	18.17	18.11	19.50
20	64QAM	50	24	18.13	18.18	18.01	19.50
20	64QAM	50	50	18.24	18.32	18.19	19.50
20	64QAM	100	0	18.03	18.18	18.07	19.50
20	256QAM	1	0	18.24	18.31	18.25	19.50
20	256QAM	1	49	18.20	18.28	18.20	19.50
20	256QAM	1	99	18.11	18.23	18.10	19.50
20	256QAM	50	0	18.11	18.23	18.11	19.50
20	256QAM	50	24	18.15	18.21	18.10	19.50
20	256QAM	50	50	18.06	18.22	18.18	19.50
20	256QAM	100	0	18.18	18.28	18.17	19.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	18.29	18.38	18.39	19.50
15	QPSK	1	37	18.05	18.26	18.12	19.50
15	QPSK	1	74	17.99	18.15	18.05	19.50
15	QPSK	36	0	18.31	18.31	18.29	19.50
15	QPSK	36	20	18.02	18.15	18.04	19.50
15	QPSK	36	39	18.13	18.19	18.14	19.50
15	QPSK	75	0	18.21	18.31	18.17	19.50
15	16QAM	1	0	17.95	18.06	17.91	19.50
15	16QAM	1	37	17.97	18.13	17.93	19.50
15	16QAM	1	74	18.02	18.22	18.08	19.50
15	16QAM	36	0	18.08	18.14	18.06	19.50
15	16QAM	36	20	17.91	18.17	18.01	19.50
15	16QAM	36	39	17.95	18.08	17.98	19.50
15	16QAM	75	0	17.96	18.13	18.09	19.50
15	64QAM	1	0	18.10	18.23	18.08	19.50
15	64QAM	1	37	18.17	18.23	18.23	19.50
15	64QAM	1	74	18.00	18.12	18.08	19.50
15	64QAM	36	0	17.90	18.08	18.09	19.50
15	64QAM	36	20	18.01	18.10	17.99	19.50
15	64QAM	36	39	18.11	18.23	18.17	19.50
15	64QAM	75	0	17.92	18.11	18.00	19.50
15	256QAM	1	0	18.18	18.28	18.13	19.50
15	256QAM	1	37	18.09	18.23	18.17	19.50
15	256QAM	1	74	18.05	18.14	17.97	19.50
15	256QAM	36	0	18.04	18.12	18.05	19.50
15	256QAM	36	20	18.10	18.13	18.08	19.50
15	256QAM	36	39	17.97	18.15	18.06	19.50
15	256QAM	75	0	18.04	18.15	18.06	19.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	18.27	18.43	18.29	19.50
10	QPSK	1	25	18.00	18.26	18.07	19.50
10	QPSK	1	49	17.99	18.14	18.11	19.50
10	QPSK	25	0	18.23	18.29	18.26	19.50
10	QPSK	25	12	17.98	18.22	18.02	19.50
10	QPSK	25	25	18.15	18.14	18.07	19.50
10	QPSK	50	0	18.23	18.28	18.27	19.50
10	16QAM	1	0	17.98	18.08	18.01	19.50
10	16QAM	1	25	18.00	18.08	17.88	19.50
10	16QAM	1	49	18.14	18.15	18.05	19.50
10	16QAM	25	0	18.08	18.18	17.99	19.50
10	16QAM	25	12	17.93	18.08	18.12	19.50
10	16QAM	25	25	18.01	18.16	17.94	19.50
10	16QAM	50	0	17.88	18.08	17.97	19.50
10	64QAM	1	0	18.05	18.26	18.13	19.50
10	64QAM	1	25	18.19	18.32	18.15	19.50
10	64QAM	1	49	18.00	18.11	18.08	19.50
10	64QAM	25	0	17.97	18.05	17.98	19.50
10	64QAM	25	12	18.11	18.10	17.94	19.50
10	64QAM	25	25	18.15	18.21	18.14	19.50
10	64QAM	50	0	17.97	18.16	18.04	19.50
10	256QAM	1	0	18.17	18.30	18.14	19.50
10	256QAM	1	25	18.12	18.18	18.17	19.50
10	256QAM	1	49	18.04	18.15	18.04	19.50
10	256QAM	25	0	18.05	18.16	18.08	19.50
10	256QAM	25	12	18.07	18.19	18.09	19.50
10	256QAM	25	25	17.98	18.14	18.16	19.50
10	256QAM	50	0	18.09	18.25	18.03	19.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	18.37	18.43	18.31	19.50
5	QPSK	1	12	18.06	18.20	18.18	19.50
5	QPSK	1	24	18.03	18.09	18.12	19.50
5	QPSK	12	0	18.31	18.32	18.26	19.50

5	QPSK	12	7	17.97	18.21	18.12	19.50
5	QPSK	12	13	18.12	18.17	18.16	19.50
5	QPSK	25	0	18.22	18.20	18.21	19.50
5	16QAM	1	0	18.05	18.11	17.90	19.50
5	16QAM	1	12	18.00	18.15	17.91	19.50
5	16QAM	1	24	18.05	18.10	18.09	19.50
5	16QAM	12	0	18.01	18.16	18.07	19.50
5	16QAM	12	7	18.02	18.06	18.03	19.50
5	16QAM	12	13	18.01	18.13	17.99	19.50
5	16QAM	25	0	17.91	18.09	18.06	19.50
5	64QAM	1	0	18.03	18.24	18.07	19.50
5	64QAM	1	12	18.16	18.22	18.20	19.50
5	64QAM	1	24	18.04	18.09	18.10	19.50
5	64QAM	12	0	17.94	18.04	18.09	19.50
5	64QAM	12	7	18.09	18.03	17.94	19.50
5	64QAM	12	13	18.16	18.28	18.14	19.50
5	64QAM	25	0	17.89	18.12	17.96	19.50
5	256QAM	1	0	18.23	18.20	18.13	19.50
5	256QAM	1	12	18.08	18.24	18.18	19.50
5	256QAM	1	24	18.00	18.12	17.99	19.50
5	256QAM	12	0	18.00	18.10	18.04	19.50
5	256QAM	12	7	18.06	18.09	17.99	19.50
5	256QAM	12	13	17.99	18.12	18.04	19.50
5	256QAM	25	0	18.07	18.14	18.11	19.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_ECI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	19.50
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.41	18.45	18.43	19.50
20	QPSK	1	49	18.12	18.30	18.22	19.50
20	QPSK	1	99	18.08	18.23	18.18	19.50
20	QPSK	50	0	18.33	18.37	18.32	19.50
20	QPSK	50	24	18.10	18.24	18.14	19.50
20	QPSK	50	50	18.21	18.27	18.21	19.50
20	QPSK	100	0	18.32	18.35	18.30	19.50
20	16QAM	1	0	18.06	18.18	18.03	19.50
20	16QAM	1	49	18.11	18.18	18.03	19.50
20	16QAM	1	99	18.16	18.23	18.17	19.50
20	16QAM	50	0	18.15	18.25	18.09	19.50
20	16QAM	50	24	18.05	18.18	18.14	19.50
20	16QAM	50	50	18.07	18.22	18.08	19.50
20	16QAM	100	0	18.00	18.17	18.10	19.50
20	64QAM	1	0	18.17	18.30	18.18	19.50
20	64QAM	1	49	18.23	18.33	18.27	19.50
20	64QAM	1	99	18.06	18.23	18.18	19.50
20	64QAM	50	0	18.04	18.17	18.11	19.50
20	64QAM	50	24	18.13	18.18	18.01	19.50
20	64QAM	50	50	18.24	18.32	18.19	19.50
20	64QAM	100	0	18.03	18.18	18.07	19.50
20	256QAM	1	0	18.24	18.31	18.25	19.50
20	256QAM	1	49	18.20	18.28	18.20	19.50
20	256QAM	1	99	18.11	18.23	18.10	19.50
20	256QAM	50	0	18.11	18.23	18.11	19.50
20	256QAM	50	24	18.15	18.21	18.10	19.50
20	256QAM	50	50	18.06	18.22	18.18	19.50
20	256QAM	100	0	18.18	18.28	18.17	19.50
Channel				42165	42590	43015	19.50
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.29	18.38	18.39	19.50
15	QPSK	1	37	18.05	18.26	18.12	19.50
15	QPSK	1	74	17.99	18.15	18.05	19.50
15	QPSK	36	0	18.31	18.31	18.29	19.50
15	QPSK	36	20	18.02	18.15	18.04	19.50
15	QPSK	36	39	18.13	18.19	18.14	19.50
15	QPSK	75	0	18.21	18.31	18.17	19.50
15	16QAM	1	0	17.95	18.06	17.91	19.50
15	16QAM	1	37	17.97	18.13	17.93	19.50
15	16QAM	1	74	18.02	18.22	18.08	19.50
15	16QAM	36	0	18.08	18.14	18.06	19.50
15	16QAM	36	20	17.91	18.17	18.01	19.50



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15	16QAM	36	39	17.95	18.08	17.98	19.50
15	16QAM	75	0	17.96	18.13	18.09	19.50
15	64QAM	1	0	18.10	18.23	18.08	19.50
15	64QAM	1	37	18.17	18.23	18.23	19.50
15	64QAM	1	74	18.00	18.12	18.08	19.50
15	64QAM	36	0	17.90	18.08	18.09	19.50
15	64QAM	36	20	18.01	18.10	17.99	19.50
15	64QAM	36	39	18.11	18.23	18.17	19.50
15	64QAM	75	0	17.92	18.11	18.00	19.50
15	256QAM	1	0	18.18	18.28	18.13	19.50
15	256QAM	1	37	18.09	18.23	18.17	19.50
15	256QAM	1	74	18.05	18.14	17.97	19.50
15	256QAM	36	0	18.04	18.12	18.05	19.50
15	256QAM	36	20	18.10	18.13	18.08	19.50
15	256QAM	36	39	17.97	18.15	18.06	19.50
15	256QAM	75	0	18.04	18.15	18.06	19.50
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.27	18.43	18.29	19.50
10	QPSK	1	25	18.00	18.26	18.07	19.50
10	QPSK	1	49	17.99	18.14	18.11	19.50
10	QPSK	25	0	18.23	18.29	18.26	19.50
10	QPSK	25	12	17.98	18.22	18.02	19.50
10	QPSK	25	25	18.15	18.14	18.07	19.50
10	QPSK	50	0	18.23	18.28	18.27	19.50
10	16QAM	1	0	17.98	18.08	18.01	19.50
10	16QAM	1	25	18.00	18.08	17.88	19.50
10	16QAM	1	49	18.14	18.15	18.05	19.50
10	16QAM	25	0	18.08	18.18	17.99	19.50
10	16QAM	25	12	17.93	18.08	18.12	19.50
10	16QAM	25	25	18.01	18.16	17.94	19.50
10	16QAM	50	0	17.88	18.08	17.97	19.50
10	64QAM	1	0	18.05	18.26	18.13	19.50
10	64QAM	1	25	18.19	18.32	18.15	19.50
10	64QAM	1	49	18.00	18.11	18.08	19.50
10	64QAM	25	0	17.97	18.05	17.98	19.50
10	64QAM	25	12	18.11	18.10	17.94	19.50
10	64QAM	25	25	18.15	18.21	18.14	19.50
10	64QAM	50	0	17.97	18.16	18.04	19.50
10	256QAM	1	0	18.17	18.30	18.14	19.50
10	256QAM	1	25	18.12	18.18	18.17	19.50
10	256QAM	1	49	18.04	18.15	18.04	19.50
10	256QAM	25	0	18.05	18.16	18.08	19.50
10	256QAM	25	12	18.07	18.19	18.09	19.50
10	256QAM	25	25	17.98	18.14	18.16	19.50
10	256QAM	50	0	18.09	18.25	18.03	19.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.37	18.43	18.31	19.50
5	QPSK	1	12	18.06	18.20	18.18	19.50
5	QPSK	1	24	18.03	18.09	18.12	19.50
5	QPSK	12	0	18.31	18.32	18.26	19.50
5	QPSK	12	7	17.97	18.21	18.12	19.50
5	QPSK	12	13	18.12	18.17	18.16	19.50
5	QPSK	25	0	18.22	18.20	18.21	19.50
5	16QAM	1	0	18.05	18.11	17.90	19.50
5	16QAM	1	12	18.00	18.15	17.91	19.50
5	16QAM	1	24	18.05	18.10	18.09	19.50
5	16QAM	12	0	18.01	18.16	18.07	19.50
5	16QAM	12	7	18.02	18.06	18.03	19.50
5	16QAM	12	13	18.01	18.13	17.99	19.50
5	16QAM	25	0	17.91	18.09	18.06	19.50
5	64QAM	1	0	18.03	18.24	18.07	19.50
5	64QAM	1	12	18.16	18.22	18.20	19.50
5	64QAM	1	24	18.04	18.09	18.10	19.50
5	64QAM	12	0	17.94	18.04	18.09	19.50
5	64QAM	12	7	18.09	18.03	17.94	19.50
5	64QAM	12	13	18.16	18.28	18.14	19.50
5	64QAM	25	0	17.89	18.12	17.96	19.50
5	256QAM	1	0	18.23	18.20	18.13	19.50
5	256QAM	1	12	18.08	18.24	18.18	19.50
5	256QAM	1	24	18.00	18.12	17.99	19.50
5	256QAM	12	0	18.00	18.10	18.04	19.50
5	256QAM	12	7	18.06	18.09	17.99	19.50
5	256QAM	12	13	17.99	18.12	18.04	19.50
5	256QAM	25	0	18.07	18.14	18.11	19.50



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_EC15】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	15.31	15.36	15.33	16.50
20	QPSK	1	49	15.15	15.29	15.17	16.50
20	QPSK	1	99	15.16	15.24	15.11	16.50
20	QPSK	50	0	15.19	15.32	15.23	16.50
20	QPSK	50	24	15.14	15.25	15.08	16.50
20	QPSK	50	50	15.11	15.27	15.15	16.50
20	QPSK	100	0	15.08	15.23	15.07	16.50
20	16QAM	1	0	15.12	15.22	15.07	16.50
20	16QAM	1	49	15.10	15.24	15.13	16.50
20	16QAM	1	99	15.16	15.26	15.13	16.50
20	16QAM	50	0	15.06	15.21	15.10	16.50
20	16QAM	50	24	15.06	15.17	15.08	16.50
20	16QAM	50	50	15.11	15.25	15.11	16.50
20	16QAM	100	0	14.93	15.09	15.03	16.50
20	64QAM	1	0	14.96	15.10	15.04	16.50
20	64QAM	1	49	14.96	15.13	14.97	16.50
20	64QAM	1	99	15.09	15.18	15.13	16.50
20	64QAM	50	0	14.95	15.13	15.09	16.50
20	64QAM	50	24	15.12	15.23	15.16	16.50
20	64QAM	50	50	15.08	15.20	15.04	16.50
20	64QAM	100	0	15.01	15.17	15.09	16.50
20	256QAM	1	0	14.96	15.11	14.94	16.50
20	256QAM	1	49	15.08	15.22	15.05	16.50
20	256QAM	1	99	14.98	15.08	14.99	16.50
20	256QAM	50	0	15.06	15.12	14.96	16.50
20	256QAM	50	24	15.15	15.25	15.17	16.50
20	256QAM	50	50	14.94	15.12	14.96	16.50
20	256QAM	100	0	15.13	15.22	15.09	16.50
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	15.26	15.30	15.26	16.50
15	QPSK	1	37	15.08	15.26	15.09	16.50
15	QPSK	1	74	15.04	15.13	15.10	16.50
15	QPSK	36	0	15.15	15.28	15.15	16.50
15	QPSK	36	20	15.00	15.20	15.00	16.50
15	QPSK	36	39	15.09	15.26	15.09	16.50
15	QPSK	75	0	14.99	15.17	15.05	16.50
15	16QAM	1	0	15.11	15.14	14.95	16.50
15	16QAM	1	37	15.08	15.23	15.04	16.50
15	16QAM	1	74	15.09	15.14	15.06	16.50
15	16QAM	36	0	14.99	15.19	15.03	16.50
15	16QAM	36	20	14.97	15.03	15.06	16.50
15	16QAM	36	39	15.03	15.19	15.03	16.50
15	16QAM	75	0	14.87	14.95	14.93	16.50
15	64QAM	1	0	14.85	15.08	14.90	16.50
15	64QAM	1	37	14.84	15.09	14.90	16.50
15	64QAM	1	74	14.97	15.07	15.00	16.50
15	64QAM	36	0	14.84	15.07	14.97	16.50
15	64QAM	36	20	15.07	15.08	15.04	16.50
15	64QAM	36	39	14.98	15.18	14.99	16.50
15	64QAM	75	0	14.87	15.14	15.03	16.50
15	256QAM	1	0	14.91	14.99	14.79	16.50
15	256QAM	1	37	14.96	15.20	14.93	16.50
15	256QAM	1	74	14.85	15.00	14.88	16.50
15	256QAM	36	0	14.95	15.09	14.82	16.50
15	256QAM	36	20	15.06	15.24	15.12	16.50
15	256QAM	36	39	14.82	15.04	14.82	16.50
15	256QAM	75	0	15.07	15.10	15.00	16.50
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	15.19	15.29	15.23	16.50
10	QPSK	1	25	15.09	15.20	15.04	16.50
10	QPSK	1	49	15.11	15.20	15.01	16.50
10	QPSK	25	0	15.05	15.20	15.18	16.50
10	QPSK	25	12	15.07	15.12	15.06	16.50
10	QPSK	25	25	14.98	15.19	15.08	16.50
10	QPSK	50	0	14.98	15.17	15.00	16.50
10	16QAM	1	0	15.07	15.20	14.96	16.50



10	16QAM	1	25	15.04	15.21	15.06	16.50
10	16QAM	1	49	15.13	15.17	15.00	16.50
10	16QAM	25	0	14.94	15.17	15.01	16.50
10	16QAM	25	12	15.04	15.03	15.04	16.50
10	16QAM	25	25	14.98	15.16	15.01	16.50
10	16QAM	50	0	14.79	15.02	14.93	16.50
10	64QAM	1	0	14.95	15.01	14.94	16.50
10	64QAM	1	25	14.82	15.00	14.91	16.50
10	64QAM	1	49	15.02	15.08	15.09	16.50
10	64QAM	25	0	14.87	15.02	15.06	16.50
10	64QAM	25	12	14.97	15.13	15.14	16.50
10	64QAM	25	25	14.93	15.17	14.96	16.50
10	64QAM	50	0	14.92	15.09	14.96	16.50
10	256QAM	1	0	14.84	15.07	14.88	16.50
10	256QAM	1	25	15.04	15.14	14.98	16.50
10	256QAM	1	49	14.96	14.96	14.88	16.50
10	256QAM	25	0	14.93	14.98	14.91	16.50
10	256QAM	25	12	15.11	15.14	15.12	16.50
10	256QAM	25	25	14.91	15.01	14.90	16.50
10	256QAM	50	0	15.04	15.12	15.08	16.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	15.22	15.22	15.31	16.50
5	QPSK	1	12	15.10	15.16	15.04	16.50
5	QPSK	1	24	15.05	15.14	14.96	16.50
5	QPSK	12	0	15.08	15.27	15.19	16.50
5	QPSK	12	7	15.12	15.15	15.02	16.50
5	QPSK	12	13	15.06	15.14	15.03	16.50
5	QPSK	25	0	15.04	15.19	14.94	16.50
5	16QAM	1	0	15.09	15.15	15.00	16.50
5	16QAM	1	12	14.97	15.09	14.98	16.50
5	16QAM	1	24	15.03	15.20	14.99	16.50
5	16QAM	12	0	14.93	15.14	15.06	16.50
5	16QAM	12	7	15.00	15.08	14.94	16.50
5	16QAM	12	13	15.02	15.21	14.99	16.50
5	16QAM	25	0	14.81	15.06	14.99	16.50
5	64QAM	1	0	14.82	14.96	15.01	16.50
5	64QAM	1	12	14.91	15.10	14.92	16.50
5	64QAM	1	24	15.02	15.15	15.02	16.50
5	64QAM	12	0	14.89	15.04	15.05	16.50
5	64QAM	12	7	15.03	15.09	15.02	16.50
5	64QAM	12	13	14.94	15.13	14.92	16.50
5	64QAM	25	0	14.87	15.15	15.03	16.50
5	256QAM	1	0	14.91	14.97	14.89	16.50
5	256QAM	1	12	15.01	15.15	14.90	16.50
5	256QAM	1	24	14.87	15.01	14.90	16.50
5	256QAM	12	0	15.00	15.00	14.83	16.50
5	256QAM	12	7	15.07	15.17	15.11	16.50
5	256QAM	12	13	14.89	15.08	14.86	16.50
5	256QAM	25	0	15.04	15.12	14.94	16.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.01	24.03	24.00	25.50
20	QPSK	1	49	23.84	23.95	23.88	25.50
20	QPSK	1	99	23.85	23.89	23.76	25.50
20	QPSK	50	0	23.10	23.13	23.05	24.50
20	QPSK	50	24	23.02	23.07	22.93	24.50
20	QPSK	50	50	23.04	23.09	22.98	24.50
20	QPSK	100	0	22.90	23.06	22.89	24.50
20	16QAM	1	0	23.10	23.20	23.13	24.50
20	16QAM	1	49	23.06	23.13	23.04	24.50
20	16QAM	1	99	23.08	23.12	23.01	24.50
20	16QAM	50	0	22.07	22.16	22.10	23.50
20	16QAM	50	24	22.05	22.11	22.03	23.50
20	16QAM	50	50	21.97	22.09	21.93	23.50
20	16QAM	100	0	22.01	22.10	22.00	23.50
20	64QAM	1	0	21.94	22.03	21.99	23.50
20	64QAM	1	49	21.88	21.98	21.82	23.50



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20	64QAM	1	99	21.75	21.91	21.77	23.50
20	64QAM	50	0	21.05	21.19	21.10	22.50
20	64QAM	50	24	20.94	21.11	21.06	22.50
20	64QAM	50	50	21.01	21.10	21.06	22.50
20	64QAM	100	0	20.94	21.09	20.93	22.50
20	256QAM	1	0	19.20	19.24	19.16	20.50
20	256QAM	1	49	19.07	19.17	19.13	20.50
20	256QAM	1	99	19.11	19.16	19.02	20.50
20	256QAM	50	0	19.06	19.18	19.02	20.50
20	256QAM	50	24	19.05	19.15	19.00	20.50
20	256QAM	50	50	18.99	19.13	19.03	20.50
20	256QAM	100	0	19.04	19.11	19.02	20.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	23.95	23.97	23.93	25.50
15	QPSK	1	37	23.76	23.87	23.78	25.50
15	QPSK	1	74	23.73	23.84	23.74	25.50
15	QPSK	36	0	23.02	23.03	22.90	24.50
15	QPSK	36	20	22.98	22.96	22.91	24.50
15	QPSK	36	39	22.98	22.97	22.94	24.50
15	QPSK	75	0	22.83	22.99	22.74	24.50
15	16QAM	1	0	23.00	23.05	23.11	24.50
15	16QAM	1	37	23.02	23.10	23.01	24.50
15	16QAM	1	74	23.05	23.02	22.88	24.50
15	16QAM	36	0	21.99	22.08	22.00	23.50
15	16QAM	36	20	21.97	21.99	21.96	23.50
15	16QAM	36	39	21.86	21.95	21.92	23.50
15	16QAM	75	0	21.93	21.95	21.88	23.50
15	64QAM	1	0	21.80	21.95	21.95	23.50
15	64QAM	1	37	21.75	21.88	21.73	23.50
15	64QAM	1	74	21.67	21.89	21.65	23.50
15	64QAM	36	0	21.03	21.15	21.04	22.50
15	64QAM	36	20	20.85	21.01	20.94	22.50
15	64QAM	36	39	20.93	20.96	20.97	22.50
15	64QAM	75	0	20.86	21.07	20.87	22.50
15	256QAM	1	0	19.13	19.09	19.05	20.50
15	256QAM	1	37	19.01	19.05	19.02	20.50
15	256QAM	1	74	19.10	19.02	18.88	20.50
15	256QAM	36	0	18.93	19.12	18.95	20.50
15	256QAM	36	20	18.92	19.14	18.92	20.50
15	256QAM	36	39	18.85	19.02	18.91	20.50
15	256QAM	75	0	19.02	19.09	18.93	20.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.94	24.01	23.89	25.50
10	QPSK	1	25	23.82	23.87	23.87	25.50
10	QPSK	1	49	23.82	23.78	23.64	25.50
10	QPSK	25	0	23.01	23.00	22.96	24.50
10	QPSK	25	12	22.99	22.99	22.85	24.50
10	QPSK	25	25	22.98	23.08	22.86	24.50
10	QPSK	50	0	22.86	22.92	22.82	24.50
10	16QAM	1	0	22.97	23.12	23.02	24.50
10	16QAM	1	25	22.93	23.09	22.98	24.50
10	16QAM	1	49	23.01	23.07	22.93	24.50
10	16QAM	25	0	22.05	22.06	22.07	23.50
10	16QAM	25	12	21.95	22.09	22.00	23.50
10	16QAM	25	25	21.86	21.99	21.91	23.50
10	16QAM	50	0	21.90	22.01	21.91	23.50
10	64QAM	1	0	21.86	21.98	21.94	23.50
10	64QAM	1	25	21.82	21.94	21.68	23.50
10	64QAM	1	49	21.65	21.78	21.68	23.50
10	64QAM	25	0	20.94	21.15	21.06	22.50
10	64QAM	25	12	20.83	21.00	21.05	22.50
10	64QAM	25	25	20.90	21.03	21.02	22.50
10	64QAM	50	0	20.81	21.02	20.79	22.50
10	256QAM	1	0	19.19	19.10	19.07	20.50
10	256QAM	1	25	18.93	19.08	19.05	20.50
10	256QAM	1	49	19.02	19.07	19.00	20.50
10	256QAM	25	0	18.93	19.06	18.99	20.50
10	256QAM	25	12	18.94	19.07	18.96	20.50
10	256QAM	25	25	18.88	19.04	18.93	20.50
10	256QAM	50	0	18.93	18.96	18.96	20.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	23.91	24.01	23.90	25.50
5	QPSK	1	12	23.78	23.83	23.87	25.50
5	QPSK	1	24	23.71	23.77	23.63	25.50
5	QPSK	12	0	23.01	22.99	23.02	24.50



5	QPSK	12	7	22.94	22.99	22.90	24.50
5	QPSK	12	13	23.02	23.06	22.90	24.50
5	QPSK	25	0	22.86	23.04	22.82	24.50
5	16QAM	1	0	23.04	23.13	23.07	24.50
5	16QAM	1	12	23.04	23.02	23.02	24.50
5	16QAM	1	24	22.96	23.04	22.97	24.50
5	16QAM	12	0	22.02	22.06	21.98	23.50
5	16QAM	12	7	21.90	21.97	21.94	23.50
5	16QAM	12	13	21.86	22.05	21.87	23.50
5	16QAM	25	0	21.91	21.96	21.86	23.50
5	64QAM	1	0	21.87	21.99	21.98	23.50
5	64QAM	1	12	21.77	21.96	21.68	23.50
5	64QAM	1	24	21.61	21.78	21.74	23.50
5	64QAM	12	0	21.00	21.17	21.07	22.50
5	64QAM	12	7	20.88	21.09	20.98	22.50
5	64QAM	12	13	20.96	21.02	21.04	22.50
5	64QAM	25	0	20.79	21.01	20.83	22.50
5	256QAM	1	0	19.16	19.17	19.12	20.50
5	256QAM	1	12	19.03	19.02	19.08	20.50
5	256QAM	1	24	19.06	19.09	18.92	20.50
5	256QAM	12	0	19.03	19.07	18.98	20.50
5	256QAM	12	7	19.02	19.13	18.92	20.50
5	256QAM	12	13	18.95	19.00	18.97	20.50
5	256QAM	25	0	18.98	19.09	18.95	20.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_EC11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.44	17.50	17.43	19.00
20	QPSK	1	49	17.30	17.42	17.28	19.00
20	QPSK	1	99	17.26	17.45	17.29	19.00
20	QPSK	50	0	17.38	17.46	17.34	19.00
20	QPSK	50	24	17.33	17.41	17.28	19.00
20	QPSK	50	50	17.16	17.33	17.15	19.00
20	QPSK	100	0	17.25	17.39	17.17	19.00
20	16QAM	1	0	17.26	17.38	17.18	19.00
20	16QAM	1	49	17.21	17.31	17.16	19.00
20	16QAM	1	99	17.22	17.35	17.25	19.00
20	16QAM	50	0	17.15	17.36	17.24	19.00
20	16QAM	50	24	17.15	17.34	17.13	19.00
20	16QAM	50	50	17.17	17.28	17.12	19.00
20	16QAM	100	0	17.19	17.35	17.18	19.00
20	64QAM	1	0	17.08	17.25	17.06	19.00
20	64QAM	1	49	17.08	17.17	17.07	19.00
20	64QAM	1	99	17.07	17.23	17.11	19.00
20	64QAM	50	0	17.07	17.27	17.08	19.00
20	64QAM	50	24	17.00	17.20	17.02	19.00
20	64QAM	50	50	17.13	17.24	17.07	19.00
20	64QAM	100	0	17.10	17.26	17.13	19.00
20	256QAM	1	0	17.19	17.29	17.15	19.00
20	256QAM	1	49	17.09	17.19	17.11	19.00
20	256QAM	1	99	17.11	17.20	17.02	19.00
20	256QAM	50	0	17.18	17.31	17.09	19.00
20	256QAM	50	24	17.15	17.33	17.23	19.00
20	256QAM	50	50	17.06	17.25	17.15	19.00
20	256QAM	100	0	17.16	17.26	17.15	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.32	17.40	17.34	19.00
15	QPSK	1	37	17.25	17.37	17.17	19.00
15	QPSK	1	74	17.25	17.31	17.15	19.00
15	QPSK	36	0	17.30	17.43	17.27	19.00
15	QPSK	36	20	17.30	17.33	17.19	19.00
15	QPSK	36	39	17.03	17.24	17.04	19.00
15	QPSK	75	0	17.15	17.27	17.13	19.00
15	16QAM	1	0	17.24	17.24	17.04	19.00
15	16QAM	1	37	17.11	17.20	17.05	19.00
15	16QAM	1	74	17.18	17.33	17.19	19.00
15	16QAM	36	0	17.05	17.22	17.17	19.00
15	16QAM	36	20	17.07	17.31	17.04	19.00



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15	16QAM	36	39	17.06	17.27	17.00	19.00
15	16QAM	75	0	17.07	17.34	17.04	19.00
15	64QAM	1	0	17.05	17.15	17.04	19.00
15	64QAM	1	37	16.93	17.11	17.01	19.00
15	64QAM	1	74	17.03	17.11	17.06	19.00
15	64QAM	36	0	17.03	17.20	16.93	19.00
15	64QAM	36	20	16.89	17.16	16.90	19.00
15	64QAM	36	39	17.04	17.10	17.02	19.00
15	64QAM	75	0	16.97	17.13	17.03	19.00
15	256QAM	1	0	17.18	17.21	17.05	19.00
15	256QAM	1	37	17.00	17.13	16.97	19.00
15	256QAM	1	74	17.08	17.12	17.00	19.00
15	256QAM	36	0	17.16	17.24	17.02	19.00
15	256QAM	36	20	17.10	17.24	17.13	19.00
15	256QAM	36	39	16.96	17.10	17.10	19.00
15	256QAM	75	0	17.07	17.11	17.14	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.38	17.49	17.38	19.00
10	QPSK	1	25	17.20	17.36	17.19	19.00
10	QPSK	1	49	17.12	17.39	17.21	19.00
10	QPSK	25	0	17.32	17.33	17.25	19.00
10	QPSK	25	12	17.24	17.38	17.19	19.00
10	QPSK	25	25	17.04	17.21	17.09	19.00
10	QPSK	50	0	17.23	17.33	17.06	19.00
10	16QAM	1	0	17.22	17.27	17.03	19.00
10	16QAM	1	25	17.07	17.29	17.07	19.00
10	16QAM	1	49	17.15	17.32	17.16	19.00
10	16QAM	25	0	17.10	17.33	17.11	19.00
10	16QAM	25	12	17.00	17.27	17.05	19.00
10	16QAM	25	25	17.04	17.16	17.11	19.00
10	16QAM	50	0	17.05	17.33	17.16	19.00
10	64QAM	1	0	16.98	17.14	17.02	19.00
10	64QAM	1	25	17.03	17.04	17.04	19.00
10	64QAM	1	49	16.99	17.20	17.02	19.00
10	64QAM	25	0	17.03	17.18	16.95	19.00
10	64QAM	25	12	16.87	17.10	16.87	19.00
10	64QAM	25	25	17.10	17.14	17.01	19.00
10	64QAM	50	0	16.98	17.13	17.01	19.00
10	256QAM	1	0	17.15	17.19	17.05	19.00
10	256QAM	1	25	16.95	17.13	17.00	19.00
10	256QAM	1	49	16.97	17.11	16.94	19.00
10	256QAM	25	0	17.15	17.19	16.97	19.00
10	256QAM	25	12	17.01	17.24	17.13	19.00
10	256QAM	25	25	16.99	17.22	17.09	19.00
10	256QAM	50	0	17.03	17.24	17.08	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.37	17.45	17.30	19.00
5	QPSK	1	12	17.15	17.38	17.20	19.00
5	QPSK	1	24	17.20	17.34	17.19	19.00
5	QPSK	12	0	17.36	17.34	17.20	19.00
5	QPSK	12	7	17.29	17.32	17.19	19.00
5	QPSK	12	13	17.07	17.24	17.05	19.00
5	QPSK	25	0	17.16	17.33	17.10	19.00
5	16QAM	1	0	17.22	17.28	17.11	19.00
5	16QAM	1	12	17.18	17.28	17.11	19.00
5	16QAM	1	24	17.16	17.28	17.18	19.00
5	16QAM	12	0	17.06	17.30	17.18	19.00
5	16QAM	12	7	17.01	17.23	17.08	19.00
5	16QAM	12	13	17.15	17.15	17.07	19.00
5	16QAM	25	0	17.11	17.24	17.12	19.00
5	64QAM	1	0	16.96	17.14	17.00	19.00
5	64QAM	1	12	16.94	17.06	17.06	19.00
5	64QAM	1	24	17.02	17.18	17.07	19.00
5	64QAM	12	0	17.01	17.16	16.98	19.00
5	64QAM	12	7	16.97	17.15	16.91	19.00
5	64QAM	12	13	17.05	17.14	16.96	19.00
5	64QAM	25	0	17.01	17.20	17.03	19.00
5	256QAM	1	0	17.16	17.17	17.07	19.00
5	256QAM	1	12	16.98	17.18	16.96	19.00
5	256QAM	1	24	16.99	17.16	16.98	19.00
5	256QAM	12	0	17.13	17.29	16.95	19.00
5	256QAM	12	7	17.02	17.23	17.12	19.00
5	256QAM	12	13	17.04	17.13	17.14	19.00
5	256QAM	25	0	17.11	17.12	17.09	19.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_EC13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.31	19.36	19.33	20.50
20	QPSK	1	49	19.02	19.19	19.05	20.50
20	QPSK	1	99	18.98	19.18	19.08	20.50
20	QPSK	50	0	19.23	19.31	19.26	20.50
20	QPSK	50	24	19.04	19.12	19.06	20.50
20	QPSK	50	50	19.03	19.16	19.07	20.50
20	QPSK	100	0	19.26	19.29	19.28	20.50
20	16QAM	1	0	19.06	19.14	18.97	20.50
20	16QAM	1	49	18.99	19.09	18.94	20.50
20	16QAM	1	99	19.01	19.16	19.09	20.50
20	16QAM	50	0	19.05	19.14	19.03	20.50
20	16QAM	50	24	18.94	19.11	18.96	20.50
20	16QAM	50	50	19.03	19.11	19.02	20.50
20	16QAM	100	0	18.91	19.08	19.03	20.50
20	64QAM	1	0	19.01	19.17	19.03	20.50
20	64QAM	1	49	18.91	19.08	18.93	20.50
20	64QAM	1	99	18.99	19.14	18.99	20.50
20	64QAM	50	0	19.03	19.21	19.13	20.50
20	64QAM	50	24	19.07	19.20	19.13	20.50
20	64QAM	50	50	18.99	19.19	19.05	20.50
20	64QAM	100	0	18.98	19.17	19.09	20.50
20	256QAM	1	0	18.98	19.11	19.04	20.50
20	256QAM	1	49	19.07	19.17	19.13	20.50
20	256QAM	1	99	19.11	19.16	19.02	20.50
20	256QAM	50	0	19.06	19.18	19.02	20.50
20	256QAM	50	24	19.05	19.15	19.00	20.50
20	256QAM	50	50	18.99	19.13	19.03	20.50
20	256QAM	100	0	19.04	19.11	19.02	20.50
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.26	19.29	19.22	20.50
15	QPSK	1	37	19.01	19.09	19.00	20.50
15	QPSK	1	74	18.94	19.10	19.02	20.50
15	QPSK	36	0	19.09	19.21	19.23	20.50
15	QPSK	36	20	18.98	19.06	18.97	20.50
15	QPSK	36	39	18.97	19.04	18.98	20.50
15	QPSK	75	0	19.24	19.26	19.24	20.50
15	16QAM	1	0	19.04	19.13	18.91	20.50
15	16QAM	1	37	18.96	18.94	18.89	20.50
15	16QAM	1	74	18.94	19.12	18.97	20.50
15	16QAM	36	0	19.04	19.08	18.92	20.50
15	16QAM	36	20	18.87	19.10	18.87	20.50
15	16QAM	36	39	19.02	19.02	18.90	20.50
15	16QAM	75	0	18.82	19.03	18.90	20.50
15	64QAM	1	0	18.91	19.08	18.90	20.50
15	64QAM	1	37	18.89	18.98	18.85	20.50
15	64QAM	1	74	18.85	19.08	18.91	20.50
15	64QAM	36	0	18.95	19.15	19.03	20.50
15	64QAM	36	20	18.94	19.10	19.07	20.50
15	64QAM	36	39	18.92	19.18	18.91	20.50
15	64QAM	75	0	18.95	19.09	19.08	20.50
15	256QAM	1	0	18.91	19.03	18.93	20.50
15	256QAM	1	37	19.05	19.09	19.01	20.50
15	256QAM	1	74	19.04	19.08	19.00	20.50
15	256QAM	36	0	18.99	19.07	19.00	20.50
15	256QAM	36	20	18.97	19.03	18.90	20.50
15	256QAM	36	39	18.91	18.99	18.94	20.50
15	256QAM	75	0	18.94	19.09	18.87	20.50
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.26	19.26	19.24	20.50
10	QPSK	1	25	18.88	19.16	18.90	20.50
10	QPSK	1	49	18.91	19.13	19.01	20.50
10	QPSK	25	0	19.14	19.23	19.25	20.50
10	QPSK	25	12	19.01	19.01	18.92	20.50
10	QPSK	25	25	18.93	19.08	18.92	20.50
10	QPSK	50	0	19.12	19.24	19.21	20.50
10	16QAM	1	0	19.01	18.99	18.89	20.50



10	16QAM	1	25	18.95	18.99	18.80	20.50
10	16QAM	1	49	18.91	19.01	18.95	20.50
10	16QAM	25	0	18.97	19.10	18.99	20.50
10	16QAM	25	12	18.87	18.98	18.88	20.50
10	16QAM	25	25	18.95	18.97	18.94	20.50
10	16QAM	50	0	18.85	18.98	18.98	20.50
10	64QAM	1	0	18.88	19.11	18.91	20.50
10	64QAM	1	25	18.78	19.06	18.90	20.50
10	64QAM	1	49	18.91	19.05	18.98	20.50
10	64QAM	25	0	18.92	19.19	19.10	20.50
10	64QAM	25	12	18.98	19.10	19.03	20.50
10	64QAM	25	25	18.93	19.13	18.90	20.50
10	64QAM	50	0	18.88	19.03	19.07	20.50
10	256QAM	1	0	18.90	19.10	18.91	20.50
10	256QAM	1	25	18.97	19.03	19.05	20.50
10	256QAM	1	49	18.99	19.06	18.92	20.50
10	256QAM	25	0	19.05	19.08	18.91	20.50
10	256QAM	25	12	19.01	19.11	18.96	20.50
10	256QAM	25	25	18.85	19.08	18.90	20.50
10	256QAM	50	0	18.98	19.00	18.97	20.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.28	19.26	19.21	20.50
5	QPSK	1	12	18.91	19.15	18.97	20.50
5	QPSK	1	24	18.90	19.17	18.98	20.50
5	QPSK	12	0	19.13	19.27	19.11	20.50
5	QPSK	12	7	19.01	19.03	18.92	20.50
5	QPSK	12	13	19.00	19.09	18.95	20.50
5	QPSK	25	0	19.24	19.25	19.18	20.50
5	16QAM	1	0	18.98	19.00	18.84	20.50
5	16QAM	1	12	18.86	19.07	18.92	20.50
5	16QAM	1	24	18.91	19.09	19.05	20.50
5	16QAM	12	0	19.03	19.10	18.89	20.50
5	16QAM	12	7	18.92	19.09	18.93	20.50
5	16QAM	12	13	18.99	19.07	18.98	20.50
5	16QAM	25	0	18.80	19.03	18.91	20.50
5	64QAM	1	0	18.99	19.12	19.00	20.50
5	64QAM	1	12	18.83	19.05	18.86	20.50
5	64QAM	1	24	18.94	19.01	18.91	20.50
5	64QAM	12	0	18.95	19.18	19.07	20.50
5	64QAM	12	7	18.97	19.16	19.08	20.50
5	64QAM	12	13	18.98	19.17	18.98	20.50
5	64QAM	25	0	18.86	19.11	19.02	20.50
5	256QAM	1	0	18.93	19.00	18.93	20.50
5	256QAM	1	12	18.95	19.05	19.07	20.50
5	256QAM	1	24	19.00	19.02	18.91	20.50
5	256QAM	12	0	19.04	19.13	18.94	20.50
5	256QAM	12	7	19.00	19.02	18.86	20.50
5	256QAM	12	13	18.96	19.01	18.91	20.50
5	256QAM	25	0	19.03	19.02	18.88	20.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_EC14】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.01	24.03	24.00	25.50
20	QPSK	1	49	23.84	23.95	23.88	25.50
20	QPSK	1	99	23.85	23.89	23.76	25.50
20	QPSK	50	0	23.10	23.13	23.05	24.50
20	QPSK	50	24	23.02	23.07	22.93	24.50
20	QPSK	50	50	23.04	23.09	22.98	24.50
20	QPSK	100	0	22.90	23.06	22.89	24.50
20	16QAM	1	0	23.10	23.20	23.13	24.50
20	16QAM	1	49	23.06	23.13	23.04	24.50
20	16QAM	1	99	23.08	23.12	23.01	24.50
20	16QAM	50	0	22.07	22.16	22.10	23.50
20	16QAM	50	24	22.05	22.11	22.03	23.50
20	16QAM	50	50	21.97	22.09	21.93	23.50
20	16QAM	100	0	22.01	22.10	22.00	23.50
20	64QAM	1	0	21.94	22.03	21.99	23.50
20	64QAM	1	49	21.88	21.98	21.82	23.50



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20	64QAM	1	99	21.75	21.91	21.77	23.50
20	64QAM	50	0	21.05	21.19	21.10	22.50
20	64QAM	50	24	20.94	21.11	21.06	22.50
20	64QAM	50	50	21.01	21.10	21.06	22.50
20	64QAM	100	0	20.94	21.09	20.93	22.50
20	256QAM	1	0	19.20	19.24	19.16	20.50
20	256QAM	1	49	19.07	19.17	19.13	20.50
20	256QAM	1	99	19.11	19.16	19.02	20.50
20	256QAM	50	0	19.06	19.18	19.02	20.50
20	256QAM	50	24	19.05	19.15	19.00	20.50
20	256QAM	50	50	18.99	19.13	19.03	20.50
20	256QAM	100	0	19.04	19.11	19.02	20.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	23.95	23.97	23.93	25.50
15	QPSK	1	37	23.76	23.87	23.78	25.50
15	QPSK	1	74	23.73	23.84	23.74	25.50
15	QPSK	36	0	23.02	23.03	22.90	24.50
15	QPSK	36	20	22.98	22.96	22.91	24.50
15	QPSK	36	39	22.98	22.97	22.94	24.50
15	QPSK	75	0	22.83	22.99	22.74	24.50
15	16QAM	1	0	23.00	23.05	23.11	24.50
15	16QAM	1	37	23.02	23.10	23.01	24.50
15	16QAM	1	74	23.05	23.02	22.88	24.50
15	16QAM	36	0	21.99	22.08	22.00	23.50
15	16QAM	36	20	21.97	21.99	21.96	23.50
15	16QAM	36	39	21.86	21.95	21.92	23.50
15	16QAM	75	0	21.93	21.95	21.88	23.50
15	64QAM	1	0	21.80	21.95	21.95	23.50
15	64QAM	1	37	21.75	21.88	21.73	23.50
15	64QAM	1	74	21.67	21.89	21.65	23.50
15	64QAM	36	0	21.03	21.15	21.04	22.50
15	64QAM	36	20	20.85	21.01	20.94	22.50
15	64QAM	36	39	20.93	20.96	20.97	22.50
15	64QAM	75	0	20.86	21.07	20.87	22.50
15	256QAM	1	0	19.13	19.09	19.05	20.50
15	256QAM	1	37	19.01	19.05	19.02	20.50
15	256QAM	1	74	19.10	19.02	18.88	20.50
15	256QAM	36	0	18.93	19.12	18.95	20.50
15	256QAM	36	20	18.92	19.14	18.92	20.50
15	256QAM	36	39	18.85	19.02	18.91	20.50
15	256QAM	75	0	19.02	19.09	18.93	20.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.94	24.01	23.89	25.50
10	QPSK	1	25	23.82	23.87	23.87	25.50
10	QPSK	1	49	23.82	23.78	23.64	25.50
10	QPSK	25	0	23.01	23.00	22.96	24.50
10	QPSK	25	12	22.99	22.99	22.85	24.50
10	QPSK	25	25	22.98	23.08	22.86	24.50
10	QPSK	50	0	22.86	22.92	22.82	24.50
10	16QAM	1	0	22.97	23.12	23.02	24.50
10	16QAM	1	25	22.93	23.09	22.98	24.50
10	16QAM	1	49	23.01	23.07	22.93	24.50
10	16QAM	25	0	22.05	22.06	22.07	23.50
10	16QAM	25	12	21.95	22.09	22.00	23.50
10	16QAM	25	25	21.86	21.99	21.91	23.50
10	16QAM	50	0	21.90	22.01	21.91	23.50
10	64QAM	1	0	21.86	21.98	21.94	23.50
10	64QAM	1	25	21.82	21.94	21.68	23.50
10	64QAM	1	49	21.65	21.78	21.68	23.50
10	64QAM	25	0	20.94	21.15	21.06	22.50
10	64QAM	25	12	20.83	21.00	21.05	22.50
10	64QAM	25	25	20.90	21.03	21.02	22.50
10	64QAM	50	0	20.81	21.02	20.79	22.50
10	256QAM	1	0	19.19	19.10	19.07	20.50
10	256QAM	1	25	18.93	19.08	19.05	20.50
10	256QAM	1	49	19.02	19.07	19.00	20.50
10	256QAM	25	0	18.93	19.06	18.99	20.50
10	256QAM	25	12	18.94	19.07	18.96	20.50
10	256QAM	25	25	18.88	19.04	18.93	20.50
10	256QAM	50	0	18.93	18.96	18.96	20.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	23.91	24.01	23.90	25.50
5	QPSK	1	12	23.78	23.83	23.87	25.50
5	QPSK	1	24	23.71	23.77	23.63	25.50
5	QPSK	12	0	23.01	22.99	23.02	24.50



5	QPSK	12	7	22.94	22.99	22.90	24.50
5	QPSK	12	13	23.02	23.06	22.90	24.50
5	QPSK	25	0	22.86	23.04	22.82	24.50
5	16QAM	1	0	23.04	23.13	23.07	24.50
5	16QAM	1	12	23.04	23.02	23.02	24.50
5	16QAM	1	24	22.96	23.04	22.97	24.50
5	16QAM	12	0	22.02	22.06	21.98	23.50
5	16QAM	12	7	21.90	21.97	21.94	23.50
5	16QAM	12	13	21.86	22.05	21.87	23.50
5	16QAM	25	0	21.91	21.96	21.86	23.50
5	64QAM	1	0	21.87	21.99	21.98	23.50
5	64QAM	1	12	21.77	21.96	21.68	23.50
5	64QAM	1	24	21.61	21.78	21.74	23.50
5	64QAM	12	0	21.00	21.17	21.07	22.50
5	64QAM	12	7	20.88	21.09	20.98	22.50
5	64QAM	12	13	20.96	21.02	21.04	22.50
5	64QAM	25	0	20.79	21.01	20.83	22.50
5	256QAM	1	0	19.16	19.17	19.12	20.50
5	256QAM	1	12	19.03	19.02	19.08	20.50
5	256QAM	1	24	19.06	19.09	18.92	20.50
5	256QAM	12	0	19.03	19.07	18.98	20.50
5	256QAM	12	7	19.02	19.13	18.92	20.50
5	256QAM	12	13	18.95	19.00	18.97	20.50
5	256QAM	25	0	18.98	19.09	18.95	20.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_ECI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.44	17.50	17.43	19.00
20	QPSK	1	49	17.30	17.42	17.28	19.00
20	QPSK	1	99	17.26	17.45	17.29	19.00
20	QPSK	50	0	17.38	17.46	17.34	19.00
20	QPSK	50	24	17.33	17.41	17.28	19.00
20	QPSK	50	50	17.16	17.33	17.15	19.00
20	QPSK	100	0	17.25	17.39	17.17	19.00
20	16QAM	1	0	17.26	17.38	17.18	19.00
20	16QAM	1	49	17.21	17.31	17.16	19.00
20	16QAM	1	99	17.22	17.35	17.25	19.00
20	16QAM	50	0	17.15	17.36	17.24	19.00
20	16QAM	50	24	17.15	17.34	17.13	19.00
20	16QAM	50	50	17.17	17.28	17.12	19.00
20	16QAM	100	0	17.19	17.35	17.18	19.00
20	64QAM	1	0	17.08	17.25	17.06	19.00
20	64QAM	1	49	17.08	17.17	17.07	19.00
20	64QAM	1	99	17.07	17.23	17.11	19.00
20	64QAM	50	0	17.07	17.27	17.08	19.00
20	64QAM	50	24	17.00	17.20	17.02	19.00
20	64QAM	50	50	17.13	17.24	17.07	19.00
20	64QAM	100	0	17.10	17.26	17.13	19.00
20	256QAM	1	0	17.19	17.29	17.15	19.00
20	256QAM	1	49	17.09	17.19	17.11	19.00
20	256QAM	1	99	17.11	17.20	17.02	19.00
20	256QAM	50	0	17.18	17.31	17.09	19.00
20	256QAM	50	24	17.15	17.33	17.23	19.00
20	256QAM	50	50	17.06	17.25	17.15	19.00
20	256QAM	100	0	17.16	17.26	17.15	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.32	17.40	17.34	19.00
15	QPSK	1	37	17.25	17.37	17.17	19.00
15	QPSK	1	74	17.25	17.31	17.15	19.00
15	QPSK	36	0	17.30	17.43	17.27	19.00
15	QPSK	36	20	17.30	17.33	17.19	19.00
15	QPSK	36	39	17.03	17.24	17.04	19.00
15	QPSK	75	0	17.15	17.27	17.13	19.00
15	16QAM	1	0	17.24	17.24	17.04	19.00
15	16QAM	1	37	17.11	17.20	17.05	19.00
15	16QAM	1	74	17.18	17.33	17.19	19.00
15	16QAM	36	0	17.05	17.22	17.17	19.00
15	16QAM	36	20	17.07	17.31	17.04	19.00



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15	16QAM	36	39	17.06	17.27	17.00	19.00
15	16QAM	75	0	17.07	17.34	17.04	19.00
15	64QAM	1	0	17.05	17.15	17.04	19.00
15	64QAM	1	37	16.93	17.11	17.01	19.00
15	64QAM	1	74	17.03	17.11	17.06	19.00
15	64QAM	36	0	17.03	17.20	16.93	19.00
15	64QAM	36	20	16.89	17.16	16.90	19.00
15	64QAM	36	39	17.04	17.10	17.02	19.00
15	64QAM	75	0	16.97	17.13	17.03	19.00
15	256QAM	1	0	17.18	17.21	17.05	19.00
15	256QAM	1	37	17.00	17.13	16.97	19.00
15	256QAM	1	74	17.08	17.12	17.00	19.00
15	256QAM	36	0	17.16	17.24	17.02	19.00
15	256QAM	36	20	17.10	17.24	17.13	19.00
15	256QAM	36	39	16.96	17.10	17.10	19.00
15	256QAM	75	0	17.07	17.11	17.14	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.38	17.49	17.38	19.00
10	QPSK	1	25	17.20	17.36	17.19	19.00
10	QPSK	1	49	17.12	17.39	17.21	19.00
10	QPSK	25	0	17.32	17.33	17.25	19.00
10	QPSK	25	12	17.24	17.38	17.19	19.00
10	QPSK	25	25	17.04	17.21	17.09	19.00
10	QPSK	50	0	17.23	17.33	17.06	19.00
10	16QAM	1	0	17.22	17.27	17.03	19.00
10	16QAM	1	25	17.07	17.29	17.07	19.00
10	16QAM	1	49	17.15	17.32	17.16	19.00
10	16QAM	25	0	17.10	17.33	17.11	19.00
10	16QAM	25	12	17.00	17.27	17.05	19.00
10	16QAM	25	25	17.04	17.16	17.11	19.00
10	16QAM	50	0	17.05	17.33	17.16	19.00
10	64QAM	1	0	16.98	17.14	17.02	19.00
10	64QAM	1	25	17.03	17.04	17.04	19.00
10	64QAM	1	49	16.99	17.20	17.02	19.00
10	64QAM	25	0	17.03	17.18	16.95	19.00
10	64QAM	25	12	16.87	17.10	16.87	19.00
10	64QAM	25	25	17.10	17.14	17.01	19.00
10	64QAM	50	0	16.98	17.13	17.01	19.00
10	256QAM	1	0	17.15	17.19	17.05	19.00
10	256QAM	1	25	16.95	17.13	17.00	19.00
10	256QAM	1	49	16.97	17.11	16.94	19.00
10	256QAM	25	0	17.15	17.19	16.97	19.00
10	256QAM	25	12	17.01	17.24	17.13	19.00
10	256QAM	25	25	16.99	17.22	17.09	19.00
10	256QAM	50	0	17.03	17.24	17.08	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.37	17.45	17.30	19.00
5	QPSK	1	12	17.15	17.38	17.20	19.00
5	QPSK	1	24	17.20	17.34	17.19	19.00
5	QPSK	12	0	17.36	17.34	17.20	19.00
5	QPSK	12	7	17.29	17.32	17.19	19.00
5	QPSK	12	13	17.07	17.24	17.05	19.00
5	QPSK	25	0	17.16	17.33	17.10	19.00
5	16QAM	1	0	17.22	17.28	17.11	19.00
5	16QAM	1	12	17.18	17.28	17.11	19.00
5	16QAM	1	24	17.16	17.28	17.18	19.00
5	16QAM	12	0	17.06	17.30	17.18	19.00
5	16QAM	12	7	17.01	17.23	17.08	19.00
5	16QAM	12	13	17.15	17.15	17.07	19.00
5	16QAM	25	0	17.11	17.24	17.12	19.00
5	64QAM	1	0	16.96	17.14	17.00	19.00
5	64QAM	1	12	16.94	17.06	17.06	19.00
5	64QAM	1	24	17.02	17.18	17.07	19.00
5	64QAM	12	0	17.01	17.16	16.98	19.00
5	64QAM	12	7	16.97	17.15	16.91	19.00
5	64QAM	12	13	17.05	17.14	16.96	19.00
5	64QAM	25	0	17.01	17.20	17.03	19.00
5	256QAM	1	0	17.16	17.17	17.07	19.00
5	256QAM	1	12	16.98	17.18	16.96	19.00
5	256QAM	1	24	16.99	17.16	16.98	19.00
5	256QAM	12	0	17.13	17.29	16.95	19.00
5	256QAM	12	7	17.02	17.23	17.12	19.00
5	256QAM	12	13	17.04	17.13	17.14	19.00
5	256QAM	25	0	17.11	17.12	17.09	19.00



【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_Default】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	24.62	24.67		24.61	24.66	25.00
20	QPSK	1	49	24.43	24.58		24.50	24.51	25.00
20	QPSK	1	99	24.56	24.55		24.56	24.55	25.00
20	QPSK	50	0	23.46	23.48		23.45	23.47	24.00
20	QPSK	50	24	23.40	23.38		23.31	23.43	24.00
20	QPSK	50	50	23.40	23.38		23.42	23.45	24.00
20	QPSK	100	0	23.35	23.45		23.34	23.36	24.00
20	16QAM	1	0	23.57	23.57		23.55	23.51	24.00
20	16QAM	1	49	23.51	23.50		23.43	23.51	24.00
20	16QAM	1	99	23.53	23.54		23.49	23.58	24.00
20	16QAM	50	0	22.46	22.48		22.46	22.49	23.00
20	16QAM	50	24	22.40	22.45		22.49	22.46	23.00
20	16QAM	50	50	22.37	22.48		22.38	22.45	23.00
20	16QAM	100	0	22.51	22.53		22.48	22.54	23.00
20	64QAM	1	0	22.02	22.01		22.06	22.14	23.00
20	64QAM	1	49	22.02	22.04		21.98	22.12	23.00
20	64QAM	1	99	22.15	22.17		22.05	22.10	23.00
20	64QAM	50	0	21.38	21.50		21.45	21.45	22.00
20	64QAM	50	24	21.37	21.53		21.46	21.50	22.00
20	64QAM	50	50	21.41	21.55		21.52	21.45	22.00
20	64QAM	100	0	21.42	21.42		21.39	21.51	22.00
20	256QAM	1	0	19.13	19.16		19.21	19.18	20.00
20	256QAM	1	49	19.21	19.26		19.21	19.21	20.00
20	256QAM	1	99	19.38	19.27		19.30	19.33	20.00
20	256QAM	50	0	19.44	19.48		19.38	19.36	20.00
20	256QAM	50	24	19.42	19.44		19.44	19.53	20.00
20	256QAM	50	50	19.46	19.40		19.40	19.43	20.00
20	256QAM	100	0	19.47	19.37		19.40	19.46	20.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	24.57	24.55		24.52	24.63	25.00
15	QPSK	1	37	24.30	24.54		24.42	24.38	25.00
15	QPSK	1	74	24.53	24.47		24.48	24.47	25.00
15	QPSK	36	0	23.45	23.33		23.25	23.32	24.00
15	QPSK	36	20	23.30	23.26		23.24	23.38	24.00
15	QPSK	36	39	23.36	23.26		23.34	23.37	24.00
15	QPSK	75	0	23.22	23.31		23.21	23.23	24.00
15	16QAM	1	0	23.48	23.52		23.50	23.50	24.00
15	16QAM	1	37	23.49	23.37		23.37	23.36	24.00
15	16QAM	1	74	23.43	23.50		23.38	23.51	24.00
15	16QAM	36	0	22.45	22.36		22.37	22.48	23.00
15	16QAM	36	20	22.32	22.32		22.45	22.42	23.00
15	16QAM	36	39	22.34	22.43		22.29	22.36	23.00
15	16QAM	75	0	22.49	22.43		22.38	22.46	23.00
15	64QAM	1	0	21.88	21.98		22.04	22.04	23.00
15	64QAM	1	37	21.88	21.93		21.96	22.01	23.00
15	64QAM	1	74	22.14	22.15		22.03	21.97	23.00
15	64QAM	36	0	21.27	21.36		21.34	21.40	22.00
15	64QAM	36	20	21.26	21.50		21.42	21.37	22.00
15	64QAM	36	39	21.26	21.54		21.43	21.42	22.00
15	64QAM	75	0	21.32	21.37		21.31	21.42	22.00
15	256QAM	1	0	19.03	19.04		19.19	19.09	20.00
15	256QAM	1	37	19.17	19.23		19.19	19.09	20.00
15	256QAM	1	74	19.25	19.16		19.19	19.25	20.00
15	256QAM	36	0	19.35	19.40		19.30	19.33	20.00
15	256QAM	36	20	19.38	19.41		19.41	19.39	20.00
15	256QAM	36	39	19.37	19.39		19.33	19.32	20.00
15	256QAM	75	0	19.43	19.27		19.38	19.31	20.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	24.52	24.54		24.54	24.56	25.00
10	QPSK	1	25	24.32	24.44		24.35	24.38	25.00
10	QPSK	1	49	24.54	24.49		24.51	24.49	25.00
10	QPSK	25	0	23.38	23.41		23.32	23.35	24.00
10	QPSK	25	12	23.30	23.32		23.27	23.36	24.00
10	QPSK	25	25	23.30	23.31		23.33	23.36	24.00



10	QPSK	50	0	23.26	23.35		23.25	23.27	24.00
10	16QAM	1	0	23.47	23.43		23.46	23.38	24.00
10	16QAM	1	25	23.49	23.42		23.34	23.45	24.00
10	16QAM	1	49	23.45	23.49		23.42	23.48	24.00
10	16QAM	25	0	22.33	22.36		22.33	22.43	23.00
10	16QAM	25	12	22.31	22.42		22.46	22.35	23.00
10	16QAM	25	25	22.22	22.43		22.28	22.32	23.00
10	16QAM	50	0	22.37	22.40		22.40	22.44	23.00
10	64QAM	1	0	21.98	21.89		21.96	22.10	23.00
10	64QAM	1	25	21.90	21.90		21.87	22.10	23.00
10	64QAM	1	49	22.06	22.15		21.93	21.99	23.00
10	64QAM	25	0	21.34	21.47		21.42	21.34	22.00
10	64QAM	25	12	21.29	21.52		21.39	21.47	22.00
10	64QAM	25	25	21.29	21.44		21.47	21.31	22.00
10	64QAM	50	0	21.36	21.30		21.30	21.36	22.00
10	256QAM	1	0	19.06	19.05		19.11	19.07	20.00
10	256QAM	1	25	19.11	19.11		19.13	19.14	20.00
10	256QAM	1	49	19.36	19.22		19.17	19.31	20.00
10	256QAM	25	0	19.29	19.45		19.26	19.31	20.00
10	256QAM	25	12	19.40	19.37		19.36	19.49	20.00
10	256QAM	25	25	19.32	19.37		19.37	19.36	20.00
10	256QAM	50	0	19.40	19.23		19.34	19.43	20.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	24.57	24.60		24.48	24.56	25.00
5	QPSK	1	12	24.37	24.45		24.36	24.37	25.00
5	QPSK	1	24	24.43	24.47		24.54	24.48	25.00
5	QPSK	12	0	23.45	23.30		23.29	23.37	24.00
5	QPSK	12	7	23.34	23.32		23.21	23.35	24.00
5	QPSK	12	13	23.32	23.33		23.37	23.43	24.00
5	QPSK	25	0	23.32	23.39		23.24	23.25	24.00
5	16QAM	1	0	23.45	23.54		23.43	23.46	24.00
5	16QAM	1	12	23.42	23.43		23.39	23.42	24.00
5	16QAM	1	24	23.40	23.40		23.35	23.53	24.00
5	16QAM	12	0	22.34	22.36		22.35	22.35	23.00
5	16QAM	12	7	22.37	22.39		22.43	22.41	23.00
5	16QAM	12	13	22.24	22.41		22.35	22.41	23.00
5	16QAM	25	0	22.44	22.39		22.36	22.47	23.00
5	64QAM	1	0	21.99	21.89		21.98	22.03	23.00
5	64QAM	1	12	21.88	21.90		21.91	22.07	23.00
5	64QAM	1	24	22.13	22.06		21.94	22.07	23.00
5	64QAM	12	0	21.30	21.39		21.42	21.42	22.00
5	64QAM	12	7	21.22	21.44		21.44	21.44	22.00
5	64QAM	12	13	21.30	21.43		21.47	21.30	22.00
5	64QAM	25	0	21.31	21.31		21.30	21.43	22.00
5	256QAM	1	0	18.99	19.05		19.06	19.17	20.00
5	256QAM	1	12	19.16	19.24		19.11	19.14	20.00
5	256QAM	1	24	19.28	19.13		19.19	19.31	20.00
5	256QAM	12	0	19.35	19.45		19.30	19.25	20.00
5	256QAM	12	7	19.28	19.41		19.40	19.51	20.00
5	256QAM	12	13	19.36	19.28		19.34	19.34	20.00
5	256QAM	25	0	19.39	19.23		19.31	19.42	20.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_EC11】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.51	16.57		16.53	16.52	17.00
20	QPSK	1	49	16.28	16.43		16.40	16.35	17.00
20	QPSK	1	99	16.37	16.46		16.36	16.42	17.00
20	QPSK	50	0	16.39	16.48		16.38	16.47	17.00
20	QPSK	50	24	16.20	16.31		16.15	16.21	17.00
20	QPSK	50	50	16.31	16.33		16.33	16.33	17.00
20	QPSK	100	0	16.37	16.44		16.32	16.39	17.00
20	16QAM	1	0	16.23	16.43		16.27	16.24	17.00
20	16QAM	1	49	16.26	16.42		16.27	16.31	17.00
20	16QAM	1	99	16.25	16.38		16.36	16.30	17.00
20	16QAM	50	0	16.24	16.43		16.22	16.26	17.00
20	16QAM	50	24	16.31	16.36		16.35	16.35	17.00
20	16QAM	50	50	16.40	16.38		16.40	16.38	17.00



20	16QAM	100	0	16.32	16.52		16.34	16.33	17.00
20	64QAM	1	0	16.20	16.41		16.34	16.31	17.00
20	64QAM	1	49	16.32	16.47		16.35	16.38	17.00
20	64QAM	1	99	16.27	16.36		16.28	16.21	17.00
20	64QAM	50	0	16.27	16.46		16.37	16.34	17.00
20	64QAM	50	24	16.22	16.38		16.24	16.32	17.00
20	64QAM	50	50	16.35	16.50		16.46	16.44	17.00
20	64QAM	100	0	16.34	16.40		16.41	16.43	17.00
20	256QAM	1	0	16.32	16.45		16.28	16.34	17.00
20	256QAM	1	49	16.32	16.47		16.38	16.31	17.00
20	256QAM	1	99	16.36	16.45		16.39	16.44	17.00
20	256QAM	50	0	16.54	16.57		16.55	16.55	17.00
20	256QAM	50	24	16.49	16.51		16.49	16.45	17.00
20	256QAM	50	50	16.31	16.46		16.31	16.40	17.00
20	256QAM	100	0	16.42	16.38		16.41	16.39	17.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.44	16.51		16.51	16.42	17.00
15	QPSK	1	37	16.18	16.41		16.35	16.29	17.00
15	QPSK	1	74	16.30	16.42		16.32	16.32	17.00
15	QPSK	36	0	16.31	16.43		16.36	16.36	17.00
15	QPSK	36	20	16.10	16.29		16.02	16.11	17.00
15	QPSK	36	39	16.19	16.23		16.28	16.32	17.00
15	QPSK	75	0	16.25	16.41		16.26	16.33	17.00
15	16QAM	1	0	16.21	16.41		16.23	16.12	17.00
15	16QAM	1	37	16.24	16.40		16.23	16.16	17.00
15	16QAM	1	74	16.22	16.34		16.32	16.17	17.00
15	16QAM	36	0	16.22	16.33		16.21	16.22	17.00
15	16QAM	36	20	16.17	16.27		16.33	16.22	17.00
15	16QAM	36	39	16.25	16.28		16.34	16.28	17.00
15	16QAM	75	0	16.21	16.44		16.33	16.21	17.00
15	64QAM	1	0	16.17	16.27		16.24	16.19	17.00
15	64QAM	1	37	16.25	16.37		16.29	16.33	17.00
15	64QAM	1	74	16.25	16.30		16.17	16.19	17.00
15	64QAM	36	0	16.23	16.43		16.28	16.28	17.00
15	64QAM	36	20	16.09	16.29		16.19	16.18	17.00
15	64QAM	36	39	16.29	16.47		16.38	16.37	17.00
15	64QAM	75	0	16.27	16.35		16.30	16.40	17.00
15	256QAM	1	0	16.31	16.35		16.21	16.25	17.00
15	256QAM	1	37	16.22	16.34		16.33	16.19	17.00
15	256QAM	1	74	16.32	16.32		16.29	16.37	17.00
15	256QAM	36	0	16.53	16.49		16.54	16.46	17.00
15	256QAM	36	20	16.37	16.36		16.46	16.33	17.00
15	256QAM	36	39	16.20	16.41		16.21	16.32	17.00
15	256QAM	75	0	16.38	16.35		16.29	16.30	17.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.40	16.54		16.47	16.41	17.00
10	QPSK	1	25	16.15	16.34		16.33	16.22	17.00
10	QPSK	1	49	16.24	16.31		16.23	16.31	17.00
10	QPSK	25	0	16.31	16.38		16.28	16.38	17.00
10	QPSK	25	12	16.12	16.21		16.00	16.12	17.00
10	QPSK	25	25	16.20	16.25		16.28	16.27	17.00
10	QPSK	50	0	16.36	16.38		16.18	16.24	17.00
10	16QAM	1	0	16.11	16.34		16.24	16.19	17.00
10	16QAM	1	25	16.19	16.28		16.13	16.16	17.00
10	16QAM	1	49	16.12	16.27		16.33	16.20	17.00
10	16QAM	25	0	16.18	16.30		16.20	16.22	17.00
10	16QAM	25	12	16.28	16.31		16.34	16.26	17.00
10	16QAM	25	25	16.33	16.29		16.27	16.26	17.00
10	16QAM	50	0	16.23	16.50		16.21	16.22	17.00
10	64QAM	1	0	16.15	16.38		16.30	16.16	17.00
10	64QAM	1	25	16.25	16.40		16.34	16.25	17.00
10	64QAM	1	49	16.24	16.22		16.19	16.17	17.00
10	64QAM	25	0	16.24	16.35		16.22	16.29	17.00
10	64QAM	25	12	16.19	16.27		16.18	16.20	17.00
10	64QAM	25	25	16.30	16.42		16.32	16.34	17.00
10	64QAM	50	0	16.20	16.31		16.36	16.31	17.00
10	256QAM	1	0	16.22	16.38		16.23	16.33	17.00
10	256QAM	1	25	16.29	16.35		16.31	16.24	17.00
10	256QAM	1	49	16.28	16.30		16.33	16.41	17.00
10	256QAM	25	0	16.43	16.53		16.41	16.52	17.00
10	256QAM	25	12	16.37	16.48		16.36	16.34	17.00
10	256QAM	25	25	16.19	16.35		16.20	16.31	17.00
10	256QAM	50	0	16.33	16.32		16.30	16.36	17.00
Channel				55265	55810	55990	56170	56715	Tune-up



Frequency (MHz)				3552.5	3607	3625	3643	3697.5	limit (dBm)
5	QPSK	1	0	16.41	16.55		16.38	16.41	17.00
5	QPSK	1	12	16.19	16.29		16.31	16.30	17.00
5	QPSK	1	24	16.26	16.42		16.33	16.30	17.00
5	QPSK	12	0	16.30	16.35		16.36	16.44	17.00
5	QPSK	12	7	16.15	16.29		16.01	16.11	17.00
5	QPSK	12	13	16.21	16.20		16.31	16.19	17.00
5	QPSK	25	0	16.23	16.38		16.17	16.37	17.00
5	16QAM	1	0	16.15	16.40		16.18	16.19	17.00
5	16QAM	1	12	16.22	16.37		16.25	16.18	17.00
5	16QAM	1	24	16.13	16.25		16.22	16.21	17.00
5	16QAM	12	0	16.10	16.41		16.09	16.19	17.00
5	16QAM	12	7	16.27	16.25		16.25	16.27	17.00
5	16QAM	12	13	16.33	16.27		16.28	16.26	17.00
5	16QAM	25	0	16.19	16.50		16.23	16.28	17.00
5	64QAM	1	0	16.13	16.36		16.32	16.29	17.00
5	64QAM	1	12	16.22	16.44		16.24	16.33	17.00
5	64QAM	1	24	16.18	16.31		16.16	16.19	17.00
5	64QAM	12	0	16.25	16.31		16.30	16.32	17.00
5	64QAM	12	7	16.15	16.31		16.19	16.17	17.00
5	64QAM	12	13	16.30	16.35		16.31	16.42	17.00
5	64QAM	25	0	16.27	16.28		16.35	16.35	17.00
5	256QAM	1	0	16.21	16.34		16.23	16.26	17.00
5	256QAM	1	12	16.20	16.40		16.26	16.28	17.00
5	256QAM	1	24	16.23	16.43		16.35	16.39	17.00
5	256QAM	12	0	16.45	16.43		16.45	16.44	17.00
5	256QAM	12	7	16.41	16.46		16.35	16.33	17.00
5	256QAM	12	13	16.24	16.40		16.26	16.31	17.00
5	256QAM	25	0	16.36	16.36		16.31	16.24	17.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_ECI3】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.08	22.13		22.09	22.12	22.50
20	QPSK	1	49	21.72	21.83		21.70	21.80	22.50
20	QPSK	1	99	21.78	21.85		21.78	21.75	22.50
20	QPSK	50	0	22.01	22.05		22.03	21.99	22.50
20	QPSK	50	24	21.72	21.89		21.80	21.81	22.50
20	QPSK	50	50	21.77	21.90		21.84	21.82	22.50
20	QPSK	100	0	21.96	22.00		21.97	21.98	22.50
20	16QAM	1	0	21.76	21.90		21.78	21.86	22.50
20	16QAM	1	49	21.79	21.89		21.77	21.81	22.50
20	16QAM	1	99	21.65	21.80		21.63	21.67	22.50
20	16QAM	50	0	21.61	21.78		21.65	21.65	22.50
20	16QAM	50	24	21.66	21.83		21.76	21.75	22.50
20	16QAM	50	50	21.70	21.82		21.65	21.70	22.50
20	16QAM	100	0	21.73	21.92		21.87	21.77	22.50
20	64QAM	1	0	21.73	21.85		21.67	21.80	22.50
20	64QAM	1	49	21.63	21.81		21.68	21.73	22.50
20	64QAM	1	99	21.80	21.91		21.80	21.81	22.50
20	64QAM	50	0	21.38	21.50		21.45	21.45	22.00
20	64QAM	50	24	21.37	21.53		21.46	21.50	22.00
20	64QAM	50	50	21.41	21.55		21.52	21.45	22.00
20	64QAM	100	0	21.42	21.42		21.39	21.51	22.00
20	256QAM	1	0	19.13	19.16		19.21	19.18	20.00
20	256QAM	1	49	19.21	19.26		19.21	19.21	20.00
20	256QAM	1	99	19.38	19.27		19.30	19.33	20.00
20	256QAM	50	0	19.44	19.48		19.38	19.36	20.00
20	256QAM	50	24	19.42	19.44		19.44	19.53	20.00
20	256QAM	50	50	19.46	19.40		19.40	19.43	20.00
20	256QAM	100	0	19.47	19.37		19.40	19.46	20.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.97	22.05		22.00	21.99	22.50
15	QPSK	1	37	21.57	21.77		21.61	21.78	22.50
15	QPSK	1	74	21.66	21.76		21.72	21.71	22.50
15	QPSK	36	0	21.98	21.97		22.01	21.84	22.50
15	QPSK	36	20	21.67	21.80		21.70	21.77	22.50



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15	QPSK	36	39	21.75	21.87		21.76	21.70	22.50
15	QPSK	75	0	21.91	21.89		21.84	21.92	22.50
15	16QAM	1	0	21.69	21.81		21.76	21.74	22.50
15	16QAM	1	37	21.72	21.79		21.74	21.77	22.50
15	16QAM	1	74	21.63	21.66		21.49	21.58	22.50
15	16QAM	36	0	21.59	21.76		21.53	21.58	22.50
15	16QAM	36	20	21.63	21.69		21.72	21.70	22.50
15	16QAM	36	39	21.63	21.78		21.57	21.67	22.50
15	16QAM	75	0	21.62	21.81		21.86	21.64	22.50
15	64QAM	1	0	21.72	21.78		21.63	21.70	22.50
15	64QAM	1	37	21.61	21.76		21.54	21.68	22.50
15	64QAM	1	74	21.77	21.84		21.74	21.74	22.50
15	64QAM	36	0	21.31	21.42		21.31	21.35	22.00
15	64QAM	36	20	21.29	21.45		21.42	21.37	22.00
15	64QAM	36	39	21.30	21.53		21.48	21.41	22.00
15	64QAM	75	0	21.29	21.27		21.31	21.46	22.00
15	256QAM	1	0	19.01	19.05		19.20	19.17	20.00
15	256QAM	1	37	19.10	19.20		19.09	19.08	20.00
15	256QAM	1	74	19.29	19.15		19.21	19.30	20.00
15	256QAM	36	0	19.29	19.42		19.30	19.21	20.00
15	256QAM	36	20	19.36	19.37		19.40	19.51	20.00
15	256QAM	36	39	19.35	19.35		19.35	19.33	20.00
15	256QAM	75	0	19.35	19.29		19.35	19.37	20.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.97	22.08		21.94	22.01	22.50
10	QPSK	1	25	21.66	21.70		21.57	21.74	22.50
10	QPSK	1	49	21.74	21.76		21.73	21.73	22.50
10	QPSK	25	0	21.94	21.97		21.97	21.90	22.50
10	QPSK	25	12	21.71	21.76		21.65	21.68	22.50
10	QPSK	25	25	21.64	21.82		21.74	21.73	22.50
10	QPSK	50	0	21.90	21.96		21.93	21.85	22.50
10	16QAM	1	0	21.66	21.83		21.67	21.81	22.50
10	16QAM	1	25	21.68	21.78		21.71	21.76	22.50
10	16QAM	1	49	21.56	21.70		21.57	21.53	22.50
10	16QAM	25	0	21.54	21.64		21.50	21.53	22.50
10	16QAM	25	12	21.58	21.74		21.72	21.71	22.50
10	16QAM	25	25	21.58	21.81		21.62	21.56	22.50
10	16QAM	50	0	21.71	21.81		21.85	21.75	22.50
10	64QAM	1	0	21.61	21.81		21.65	21.76	22.50
10	64QAM	1	25	21.53	21.70		21.54	21.66	22.50
10	64QAM	1	49	21.68	21.76		21.70	21.76	22.50
10	64QAM	25	0	21.25	21.35		21.32	21.42	22.00
10	64QAM	25	12	21.23	21.49		21.36	21.48	22.00
10	64QAM	25	25	21.29	21.41		21.40	21.41	22.00
10	64QAM	50	0	21.30	21.41		21.28	21.45	22.00
10	256QAM	1	0	19.11	19.05		19.09	19.14	20.00
10	256QAM	1	25	19.13	19.16		19.14	19.17	20.00
10	256QAM	1	49	19.31	19.13		19.16	19.28	20.00
10	256QAM	25	0	19.42	19.33		19.23	19.25	20.00
10	256QAM	25	12	19.28	19.41		19.35	19.43	20.00
10	256QAM	25	25	19.37	19.27		19.25	19.36	20.00
10	256QAM	50	0	19.45	19.24		19.34	19.44	20.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.00	22.08		22.00	22.03	22.50
5	QPSK	1	12	21.58	21.80		21.61	21.67	22.50
5	QPSK	1	24	21.76	21.72		21.77	21.61	22.50
5	QPSK	12	0	21.94	21.98		21.96	21.96	22.50
5	QPSK	12	7	21.60	21.87		21.71	21.67	22.50
5	QPSK	12	13	21.75	21.78		21.77	21.72	22.50
5	QPSK	25	0	21.83	21.96		21.82	21.84	22.50
5	16QAM	1	0	21.62	21.77		21.73	21.83	22.50
5	16QAM	1	12	21.68	21.87		21.63	21.73	22.50
5	16QAM	1	24	21.51	21.69		21.50	21.65	22.50
5	16QAM	12	0	21.54	21.65		21.51	21.53	22.50
5	16QAM	12	7	21.57	21.68		21.69	21.67	22.50
5	16QAM	12	13	21.61	21.70		21.64	21.58	22.50
5	16QAM	25	0	21.63	21.87		21.75	21.64	22.50
5	64QAM	1	0	21.66	21.73		21.64	21.67	22.50
5	64QAM	1	12	21.52	21.73		21.65	21.58	22.50
5	64QAM	1	24	21.71	21.77		21.76	21.71	22.50
5	64QAM	12	0	21.32	21.36		21.42	21.33	22.00
5	64QAM	12	7	21.23	21.52		21.33	21.44	22.00
5	64QAM	12	13	21.31	21.41		21.50	21.39	22.00
5	64QAM	25	0	21.30	21.36		21.29	21.37	22.00



5	256QAM	1	0	19.06	19.06		19.17	19.11	20.00
5	256QAM	1	12	19.11	19.19		19.08	19.09	20.00
5	256QAM	1	24	19.32	19.22		19.16	19.23	20.00
5	256QAM	12	0	19.41	19.35		19.33	19.30	20.00
5	256QAM	12	7	19.39	19.41		19.35	19.47	20.00
5	256QAM	12	13	19.31	19.29		19.28	19.29	20.00
5	256QAM	25	0	19.32	19.35		19.28	19.33	20.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_EC14】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	24.62	24.67		24.61	24.66	25.00
20	QPSK	1	49	24.43	24.58		24.50	24.51	25.00
20	QPSK	1	99	24.56	24.55		24.56	24.55	25.00
20	QPSK	50	0	23.46	23.48		23.45	23.47	24.00
20	QPSK	50	24	23.40	23.38		23.31	23.43	24.00
20	QPSK	50	50	23.40	23.38		23.42	23.45	24.00
20	QPSK	100	0	23.35	23.45		23.34	23.36	24.00
20	16QAM	1	0	23.57	23.57		23.55	23.51	24.00
20	16QAM	1	49	23.51	23.50		23.43	23.51	24.00
20	16QAM	1	99	23.53	23.54		23.49	23.58	24.00
20	16QAM	50	0	22.46	22.48		22.46	22.49	23.00
20	16QAM	50	24	22.40	22.45		22.49	22.46	23.00
20	16QAM	50	50	22.37	22.48		22.38	22.45	23.00
20	16QAM	100	0	22.51	22.53		22.48	22.54	23.00
20	64QAM	1	0	22.02	22.01		22.06	22.14	23.00
20	64QAM	1	49	22.02	22.04		21.98	22.12	23.00
20	64QAM	1	99	22.15	22.17		22.05	22.10	23.00
20	64QAM	50	0	21.38	21.50		21.45	21.45	22.00
20	64QAM	50	24	21.37	21.53		21.46	21.50	22.00
20	64QAM	50	50	21.41	21.55		21.52	21.45	22.00
20	64QAM	100	0	21.42	21.42		21.39	21.51	22.00
20	256QAM	1	0	19.13	19.16		19.21	19.18	20.00
20	256QAM	1	49	19.21	19.26		19.21	19.21	20.00
20	256QAM	1	99	19.38	19.27		19.30	19.33	20.00
20	256QAM	50	0	19.44	19.48		19.38	19.36	20.00
20	256QAM	50	24	19.42	19.44		19.44	19.53	20.00
20	256QAM	50	50	19.46	19.40		19.40	19.43	20.00
20	256QAM	100	0	19.47	19.37		19.40	19.46	20.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	24.57	24.55		24.52	24.63	25.00
15	QPSK	1	37	24.30	24.54		24.42	24.38	25.00
15	QPSK	1	74	24.53	24.47		24.48	24.47	25.00
15	QPSK	36	0	23.45	23.33		23.25	23.32	24.00
15	QPSK	36	20	23.30	23.26		23.24	23.38	24.00
15	QPSK	36	39	23.36	23.26		23.34	23.37	24.00
15	QPSK	75	0	23.22	23.31		23.21	23.23	24.00
15	16QAM	1	0	23.48	23.52		23.50	23.50	24.00
15	16QAM	1	37	23.49	23.37		23.37	23.36	24.00
15	16QAM	1	74	23.43	23.50		23.38	23.51	24.00
15	16QAM	36	0	22.45	22.36		22.37	22.48	23.00
15	16QAM	36	20	22.32	22.32		22.45	22.42	23.00
15	16QAM	36	39	22.34	22.43		22.29	22.36	23.00
15	16QAM	75	0	22.49	22.43		22.38	22.46	23.00
15	64QAM	1	0	21.88	21.98		22.04	22.04	23.00
15	64QAM	1	37	21.88	21.93		21.96	22.01	23.00
15	64QAM	1	74	22.14	22.15		22.03	21.97	23.00
15	64QAM	36	0	21.27	21.36		21.34	21.40	22.00
15	64QAM	36	20	21.26	21.50		21.42	21.37	22.00
15	64QAM	36	39	21.26	21.54		21.43	21.42	22.00
15	64QAM	75	0	21.32	21.37		21.31	21.42	22.00
15	256QAM	1	0	19.03	19.04		19.19	19.09	20.00
15	256QAM	1	37	19.17	19.23		19.19	19.09	20.00
15	256QAM	1	74	19.25	19.16		19.19	19.25	20.00
15	256QAM	36	0	19.35	19.40		19.30	19.33	20.00
15	256QAM	36	20	19.38	19.41		19.41	19.39	20.00
15	256QAM	36	39	19.37	19.39		19.33	19.32	20.00
15	256QAM	75	0	19.43	19.27		19.38	19.31	20.00



Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	24.52	24.54		24.54	24.56	25.00
10	QPSK	1	25	24.32	24.44		24.35	24.38	25.00
10	QPSK	1	49	24.54	24.49		24.51	24.49	25.00
10	QPSK	25	0	23.38	23.41		23.32	23.35	24.00
10	QPSK	25	12	23.30	23.32		23.27	23.36	24.00
10	QPSK	25	25	23.30	23.31		23.33	23.36	24.00
10	QPSK	50	0	23.26	23.35		23.25	23.27	24.00
10	16QAM	1	0	23.47	23.43		23.46	23.38	24.00
10	16QAM	1	25	23.49	23.42		23.34	23.45	24.00
10	16QAM	1	49	23.45	23.49		23.42	23.48	24.00
10	16QAM	25	0	22.33	22.36		22.33	22.43	23.00
10	16QAM	25	12	22.31	22.42		22.46	22.35	23.00
10	16QAM	25	25	22.22	22.43		22.28	22.32	23.00
10	16QAM	50	0	22.37	22.40		22.40	22.44	23.00
10	64QAM	1	0	21.98	21.89		21.96	22.10	23.00
10	64QAM	1	25	21.90	21.90		21.87	22.10	23.00
10	64QAM	1	49	22.06	22.15		21.93	21.99	23.00
10	64QAM	25	0	21.34	21.47		21.42	21.34	22.00
10	64QAM	25	12	21.29	21.52		21.39	21.47	22.00
10	64QAM	25	25	21.29	21.44		21.47	21.31	22.00
10	64QAM	50	0	21.36	21.30		21.30	21.36	22.00
10	256QAM	1	0	19.06	19.05		19.11	19.07	20.00
10	256QAM	1	25	19.11	19.11		19.13	19.14	20.00
10	256QAM	1	49	19.36	19.22		19.17	19.31	20.00
10	256QAM	25	0	19.29	19.45		19.26	19.31	20.00
10	256QAM	25	12	19.40	19.37		19.36	19.49	20.00
10	256QAM	25	25	19.32	19.37		19.37	19.36	20.00
10	256QAM	50	0	19.40	19.23		19.34	19.43	20.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	24.57	24.60		24.48	24.56	25.00
5	QPSK	1	12	24.37	24.45		24.36	24.37	25.00
5	QPSK	1	24	24.43	24.47		24.54	24.48	25.00
5	QPSK	12	0	23.45	23.30		23.29	23.37	24.00
5	QPSK	12	7	23.34	23.32		23.21	23.35	24.00
5	QPSK	12	13	23.32	23.33		23.37	23.43	24.00
5	QPSK	25	0	23.32	23.39		23.24	23.25	24.00
5	16QAM	1	0	23.45	23.54		23.43	23.46	24.00
5	16QAM	1	12	23.42	23.43		23.39	23.42	24.00
5	16QAM	1	24	23.40	23.40		23.35	23.53	24.00
5	16QAM	12	0	22.34	22.36		22.35	22.35	23.00
5	16QAM	12	7	22.37	22.39		22.43	22.41	23.00
5	16QAM	12	13	22.24	22.41		22.35	22.41	23.00
5	16QAM	25	0	22.44	22.39		22.36	22.47	23.00
5	64QAM	1	0	21.99	21.89		21.98	22.03	23.00
5	64QAM	1	12	21.88	21.90		21.91	22.07	23.00
5	64QAM	1	24	22.13	22.06		21.94	22.07	23.00
5	64QAM	12	0	21.30	21.39		21.42	21.42	22.00
5	64QAM	12	7	21.22	21.44		21.44	21.44	22.00
5	64QAM	12	13	21.30	21.43		21.47	21.30	22.00
5	64QAM	25	0	21.31	21.31		21.30	21.43	22.00
5	256QAM	1	0	18.99	19.05		19.06	19.17	20.00
5	256QAM	1	12	19.16	19.24		19.11	19.14	20.00
5	256QAM	1	24	19.28	19.13		19.19	19.31	20.00
5	256QAM	12	0	19.35	19.45		19.30	19.25	20.00
5	256QAM	12	7	19.28	19.41		19.40	19.51	20.00
5	256QAM	12	13	19.36	19.28		19.34	19.34	20.00
5	256QAM	25	0	19.39	19.23		19.31	19.42	20.00

**【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_ECI5】**

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				55340	55830	55990	56150	56640	17.00
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.51	16.57		16.53	16.52	17.00
20	QPSK	1	49	16.28	16.43		16.40	16.35	17.00
20	QPSK	1	99	16.37	16.46		16.36	16.42	17.00
20	QPSK	50	0	16.39	16.48		16.38	16.47	17.00
20	QPSK	50	24	16.20	16.31		16.15	16.21	17.00
20	QPSK	50	50	16.31	16.33		16.33	16.33	17.00
20	QPSK	100	0	16.37	16.44		16.32	16.39	17.00
20	16QAM	1	0	16.23	16.43		16.27	16.24	17.00
20	16QAM	1	49	16.26	16.42		16.27	16.31	17.00
20	16QAM	1	99	16.25	16.38		16.36	16.30	17.00
20	16QAM	50	0	16.24	16.43		16.22	16.26	17.00
20	16QAM	50	24	16.31	16.36		16.35	16.35	17.00
20	16QAM	50	50	16.40	16.38		16.40	16.38	17.00
20	16QAM	100	0	16.32	16.52		16.34	16.33	17.00
20	64QAM	1	0	16.20	16.41		16.34	16.31	17.00
20	64QAM	1	49	16.32	16.47		16.35	16.38	17.00
20	64QAM	1	99	16.27	16.36		16.28	16.21	17.00
20	64QAM	50	0	16.27	16.46		16.37	16.34	17.00
20	64QAM	50	24	16.22	16.38		16.24	16.32	17.00
20	64QAM	50	50	16.35	16.50		16.46	16.44	17.00
20	64QAM	100	0	16.34	16.40		16.41	16.43	17.00
20	256QAM	1	0	16.32	16.45		16.28	16.34	17.00
20	256QAM	1	49	16.32	16.47		16.38	16.31	17.00
20	256QAM	1	99	16.36	16.45		16.39	16.44	17.00
20	256QAM	50	0	16.54	16.57		16.55	16.55	17.00
20	256QAM	50	24	16.49	16.51		16.49	16.45	17.00
20	256QAM	50	50	16.31	16.46		16.31	16.40	17.00
20	256QAM	100	0	16.42	16.38		16.41	16.39	17.00
Channel				55315	55820	55990	56160	56665	17.00
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.44	16.51		16.51	16.42	17.00
15	QPSK	1	37	16.18	16.41		16.35	16.29	17.00
15	QPSK	1	74	16.30	16.42		16.32	16.32	17.00
15	QPSK	36	0	16.31	16.43		16.36	16.36	17.00
15	QPSK	36	20	16.10	16.29		16.02	16.11	17.00
15	QPSK	36	39	16.19	16.23		16.28	16.32	17.00
15	QPSK	75	0	16.25	16.41		16.26	16.33	17.00
15	16QAM	1	0	16.21	16.41		16.23	16.12	17.00
15	16QAM	1	37	16.24	16.40		16.23	16.16	17.00
15	16QAM	1	74	16.22	16.34		16.32	16.17	17.00
15	16QAM	36	0	16.22	16.33		16.21	16.22	17.00
15	16QAM	36	20	16.17	16.27		16.33	16.22	17.00
15	16QAM	36	39	16.25	16.28		16.34	16.28	17.00
15	16QAM	75	0	16.21	16.44		16.33	16.21	17.00
15	64QAM	1	0	16.17	16.27		16.24	16.19	17.00
15	64QAM	1	37	16.25	16.37		16.29	16.33	17.00
15	64QAM	1	74	16.25	16.30		16.17	16.19	17.00
15	64QAM	36	0	16.23	16.43		16.28	16.28	17.00
15	64QAM	36	20	16.09	16.29		16.19	16.18	17.00
15	64QAM	36	39	16.29	16.47		16.38	16.37	17.00
15	64QAM	75	0	16.27	16.35		16.30	16.40	17.00
15	256QAM	1	0	16.31	16.35		16.21	16.25	17.00
15	256QAM	1	37	16.22	16.34		16.33	16.19	17.00
15	256QAM	1	74	16.32	16.32		16.29	16.37	17.00
15	256QAM	36	0	16.53	16.49		16.54	16.46	17.00
15	256QAM	36	20	16.37	16.36		16.46	16.33	17.00
15	256QAM	36	39	16.20	16.41		16.21	16.32	17.00
15	256QAM	75	0	16.38	16.35		16.29	16.30	17.00
Channel				55290	55815	55990	56165	56690	17.00
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.40	16.54		16.47	16.41	17.00
10	QPSK	1	25	16.15	16.34		16.33	16.22	17.00
10	QPSK	1	49	16.24	16.31		16.23	16.31	17.00
10	QPSK	25	0	16.31	16.38		16.28	16.38	17.00
10	QPSK	25	12	16.12	16.21		16.00	16.12	17.00
10	QPSK	25	25	16.20	16.25		16.28	16.27	17.00
10	QPSK	50	0	16.36	16.38		16.18	16.24	17.00
10	16QAM	1	0	16.11	16.34		16.24	16.19	17.00
10	16QAM	1	25	16.19	16.28		16.13	16.16	17.00

10	16QAM	1	49	16.12	16.27		16.33	16.20	17.00
10	16QAM	25	0	16.18	16.30		16.20	16.22	17.00
10	16QAM	25	12	16.28	16.31		16.34	16.26	17.00
10	16QAM	25	25	16.33	16.29		16.27	16.26	17.00
10	16QAM	50	0	16.23	16.50		16.21	16.22	17.00
10	64QAM	1	0	16.15	16.38		16.30	16.16	17.00
10	64QAM	1	25	16.25	16.40		16.34	16.25	17.00
10	64QAM	1	49	16.24	16.22		16.19	16.17	17.00
10	64QAM	25	0	16.24	16.35		16.22	16.29	17.00
10	64QAM	25	12	16.19	16.27		16.18	16.20	17.00
10	64QAM	25	25	16.30	16.42		16.32	16.34	17.00
10	64QAM	50	0	16.20	16.31		16.36	16.31	17.00
10	256QAM	1	0	16.22	16.38		16.23	16.33	17.00
10	256QAM	1	25	16.29	16.35		16.31	16.24	17.00
10	256QAM	1	49	16.28	16.30		16.33	16.41	17.00
10	256QAM	25	0	16.43	16.53		16.41	16.52	17.00
10	256QAM	25	12	16.37	16.48		16.36	16.34	17.00
10	256QAM	25	25	16.19	16.35		16.20	16.31	17.00
10	256QAM	50	0	16.33	16.32		16.30	16.36	17.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.41	16.55		16.38	16.41	17.00
5	QPSK	1	12	16.19	16.29		16.31	16.30	17.00
5	QPSK	1	24	16.26	16.42		16.33	16.30	17.00
5	QPSK	12	0	16.30	16.35		16.36	16.44	17.00
5	QPSK	12	7	16.15	16.29		16.01	16.11	17.00
5	QPSK	12	13	16.21	16.20		16.31	16.19	17.00
5	QPSK	25	0	16.23	16.38		16.17	16.37	17.00
5	16QAM	1	0	16.15	16.40		16.18	16.19	17.00
5	16QAM	1	12	16.22	16.37		16.25	16.18	17.00
5	16QAM	1	24	16.13	16.25		16.22	16.21	17.00
5	16QAM	12	0	16.10	16.41		16.09	16.19	17.00
5	16QAM	12	7	16.27	16.25		16.25	16.27	17.00
5	16QAM	12	13	16.33	16.27		16.28	16.26	17.00
5	16QAM	25	0	16.19	16.50		16.23	16.28	17.00
5	64QAM	1	0	16.13	16.36		16.32	16.29	17.00
5	64QAM	1	12	16.22	16.44		16.24	16.33	17.00
5	64QAM	1	24	16.18	16.31		16.16	16.19	17.00
5	64QAM	12	0	16.25	16.31		16.30	16.32	17.00
5	64QAM	12	7	16.15	16.31		16.19	16.17	17.00
5	64QAM	12	13	16.30	16.35		16.31	16.42	17.00
5	64QAM	25	0	16.27	16.28		16.35	16.35	17.00
5	256QAM	1	0	16.21	16.34		16.23	16.26	17.00
5	256QAM	1	12	16.20	16.40		16.26	16.28	17.00
5	256QAM	1	24	16.23	16.43		16.35	16.39	17.00
5	256QAM	12	0	16.45	16.43		16.45	16.44	17.00
5	256QAM	12	7	16.41	16.46		16.35	16.33	17.00
5	256QAM	12	13	16.24	16.40		16.26	16.31	17.00
5	256QAM	25	0	16.36	16.36		16.31	16.24	17.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Default】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.81	23.10		22.96	23.09	24.00
20	QPSK	1	49	22.63	22.91		22.76	22.86	24.00
20	QPSK	1	99	22.69	22.92		22.86	22.99	24.00
20	QPSK	50	0	21.77	22.07		21.85	21.96	23.00
20	QPSK	50	24	21.76	22.05		21.83	21.90	23.00
20	QPSK	50	50	21.68	21.94		21.75	21.95	23.00
20	QPSK	100	0	21.64	22.03		21.84	22.01	23.00
20	16QAM	1	0	21.77	22.11		21.97	22.10	23.00
20	16QAM	1	49	21.84	22.16		21.96	22.07	23.00
20	16QAM	1	99	21.91	22.14		21.98	22.12	23.00
20	16QAM	50	0	20.73	21.04		20.83	20.92	22.00
20	16QAM	50	24	20.79	20.98		20.83	20.95	22.00
20	16QAM	50	50	20.80	21.01		20.96	20.97	22.00
20	16QAM	100	0	20.80	21.03		20.98	20.99	22.00
20	64QAM	1	0	20.38	20.73		20.58	20.62	22.00
20	64QAM	1	49	20.48	20.76		20.67	20.69	22.00



20	64QAM	1	99	20.57	20.85		20.78	20.84	22.00
20	64QAM	50	0	19.73	20.07		19.85	19.97	21.00
20	64QAM	50	24	19.81	20.05		20.00	20.09	21.00
20	64QAM	50	50	19.76	20.14		19.89	20.10	21.00
20	64QAM	100	0	19.81	20.14		19.96	20.13	21.00
20	256QAM	1	0	17.59	17.81		17.61	17.79	19.00
20	256QAM	1	49	17.53	17.82		17.73	17.83	19.00
20	256QAM	1	99	17.60	17.70		17.68	17.74	19.00
20	256QAM	50	0	17.76	18.06		17.90	18.07	19.00
20	256QAM	50	24	17.76	17.96		17.97	18.02	19.00
20	256QAM	50	50	17.95	18.17		18.06	18.15	19.00
20	256QAM	100	0	17.82	18.07		17.85	18.06	19.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.66	22.76		22.82	22.95	24.00
15	QPSK	1	37	22.48	22.64		22.65	22.85	24.00
15	QPSK	1	74	22.66	22.61		22.74	22.89	24.00
15	QPSK	36	0	21.65	21.70		21.74	21.88	23.00
15	QPSK	36	20	21.71	21.72		21.74	21.93	23.00
15	QPSK	36	39	21.55	21.66		21.70	21.82	23.00
15	QPSK	75	0	21.56	21.71		21.72	21.81	23.00
15	16QAM	1	0	21.72	21.82		21.83	22.03	23.00
15	16QAM	1	37	21.75	21.82		22.03	22.01	23.00
15	16QAM	1	74	21.77	21.88		21.85	22.03	23.00
15	16QAM	36	0	20.61	20.66		20.73	21.00	22.00
15	16QAM	36	20	20.66	20.68		20.86	20.95	22.00
15	16QAM	36	39	20.80	20.75		20.82	20.85	22.00
15	16QAM	75	0	20.70	20.72		20.82	20.86	22.00
15	64QAM	1	0	20.27	20.39		20.52	20.61	22.00
15	64QAM	1	37	20.52	20.37		20.51	20.55	22.00
15	64QAM	1	74	20.45	20.48		20.60	20.75	22.00
15	64QAM	36	0	19.70	19.76		19.94	19.97	21.00
15	64QAM	36	20	19.75	19.81		19.88	20.02	21.00
15	64QAM	36	39	19.83	19.85		19.78	19.97	21.00
15	64QAM	75	0	19.82	19.80		19.90	20.01	21.00
15	256QAM	1	0	17.52	17.58		17.67	17.82	19.00
15	256QAM	1	37	17.56	17.64		17.54	17.79	19.00
15	256QAM	1	74	17.48	17.46		17.58	17.67	19.00
15	256QAM	36	0	17.79	17.78		17.82	17.92	19.00
15	256QAM	36	20	17.70	17.77		17.78	17.91	19.00
15	256QAM	36	39	17.72	17.81		17.82	18.03	19.00
15	256QAM	75	0	17.64	17.76		17.71	17.92	19.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.67	22.84		22.93	22.95	24.00
10	QPSK	1	25	22.53	22.63		22.71	22.82	24.00
10	QPSK	1	49	22.64	22.67		22.80	22.88	24.00
10	QPSK	25	0	21.60	21.70		21.72	21.87	23.00
10	QPSK	25	12	21.66	21.63		21.78	21.96	23.00
10	QPSK	25	25	21.58	21.60		21.63	21.86	23.00
10	QPSK	50	0	21.53	21.63		21.70	21.89	23.00
10	16QAM	1	0	21.74	21.83		21.96	22.00	23.00
10	16QAM	1	25	21.77	21.80		22.03	21.96	23.00
10	16QAM	1	49	21.73	21.81		21.85	22.05	23.00
10	16QAM	25	0	20.63	20.62		20.77	21.01	22.00
10	16QAM	25	12	20.73	20.75		20.81	20.93	22.00
10	16QAM	25	25	20.80	20.74		20.90	20.93	22.00
10	16QAM	50	0	20.63	20.74		20.86	20.96	22.00
10	64QAM	1	0	20.27	20.43		20.56	20.61	22.00
10	64QAM	1	25	20.43	20.45		20.60	20.63	22.00
10	64QAM	1	49	20.54	20.50		20.59	20.83	22.00
10	64QAM	25	0	19.78	19.79		19.87	19.98	21.00
10	64QAM	25	12	19.65	19.86		19.97	19.95	21.00
10	64QAM	25	25	19.78	19.80		19.89	20.08	21.00
10	64QAM	50	0	19.80	19.78		19.91	19.96	21.00
10	256QAM	1	0	17.44	17.52		17.66	17.74	19.00
10	256QAM	1	25	17.59	17.58		17.61	17.77	19.00
10	256QAM	1	49	17.45	17.45		17.46	17.67	19.00
10	256QAM	25	0	17.78	17.72		17.85	17.93	19.00
10	256QAM	25	12	17.72	17.82		17.81	17.95	19.00
10	256QAM	25	25	17.70	17.84		17.86	18.11	19.00
10	256QAM	50	0	17.71	17.77		17.79	17.92	19.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.69	22.74		22.90	23.00	24.00

5	QPSK	1	12	22.51	22.59		22.70	22.82	24.00
5	QPSK	1	24	22.66	22.55		22.73	22.95	24.00
5	QPSK	12	0	21.65	21.72		21.72	21.88	23.00
5	QPSK	12	7	21.66	21.59		21.67	21.98	23.00
5	QPSK	12	13	21.55	21.62		21.69	21.82	23.00
5	QPSK	25	0	21.51	21.60		21.75	21.83	23.00
5	16QAM	1	0	21.68	21.82		21.94	22.02	23.00
5	16QAM	1	12	21.76	21.84		22.03	22.10	23.00
5	16QAM	1	24	21.78	21.88		21.90	22.06	23.00
5	16QAM	12	0	20.70	20.66		20.72	20.96	22.00
5	16QAM	12	7	20.65	20.77		20.87	20.98	22.00
5	16QAM	12	13	20.80	20.66		20.79	20.85	22.00
5	16QAM	25	0	20.70	20.76		20.84	20.95	22.00
5	64QAM	1	0	20.36	20.50		20.56	20.51	22.00
5	64QAM	1	12	20.46	20.38		20.56	20.62	22.00
5	64QAM	1	24	20.53	20.55		20.57	20.77	22.00
5	64QAM	12	0	19.76	19.79		19.92	20.03	21.00
5	64QAM	12	7	19.72	19.92		19.86	20.05	21.00
5	64QAM	12	13	19.71	19.81		19.86	20.08	21.00
5	64QAM	25	0	19.77	19.78		19.99	19.96	21.00
5	256QAM	1	0	17.46	17.54		17.67	17.82	19.00
5	256QAM	1	12	17.58	17.58		17.61	17.81	19.00
5	256QAM	1	24	17.54	17.51		17.49	17.76	19.00
5	256QAM	12	0	17.83	17.78		17.85	17.94	19.00
5	256QAM	12	7	17.76	17.80		17.83	17.93	19.00
5	256QAM	12	13	17.77	17.79		17.93	18.05	19.00
5	256QAM	25	0	17.71	17.77		17.79	17.94	19.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_EC11】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.51	18.57		18.53	18.47	19.50
20	QPSK	1	49	18.28	18.50		18.27	18.32	19.50
20	QPSK	1	99	18.43	18.55		18.38	18.28	19.50
20	QPSK	50	0	18.44	18.54		18.39	18.45	19.50
20	QPSK	50	24	18.39	18.49		18.38	18.40	19.50
20	QPSK	50	50	18.36	18.43		18.38	18.30	19.50
20	QPSK	100	0	18.25	18.46		18.28	18.30	19.50
20	16QAM	1	0	18.25	18.41		18.32	18.31	19.50
20	16QAM	1	49	18.33	18.45		18.42	18.28	19.50
20	16QAM	1	99	18.28	18.47		18.33	18.20	19.50
20	16QAM	50	0	18.26	18.48		18.36	18.27	19.50
20	16QAM	50	24	18.28	18.42		18.31	18.17	19.50
20	16QAM	50	50	18.27	18.46		18.41	18.30	19.50
20	16QAM	100	0	18.17	18.35		18.14	18.14	19.50
20	64QAM	1	0	18.28	18.36		18.29	18.17	19.50
20	64QAM	1	49	18.19	18.35		18.07	18.13	19.50
20	64QAM	1	99	18.24	18.34		18.24	18.15	19.50
20	64QAM	50	0	18.15	18.37		18.13	18.10	19.50
20	64QAM	50	24	18.22	18.40		18.22	18.24	19.50
20	64QAM	50	50	18.43	18.45		18.34	18.27	19.50
20	64QAM	100	0	18.32	18.42		18.34	18.30	19.50
20	256QAM	1	0	17.99	18.06		17.96	18.00	19.00
20	256QAM	1	49	17.95	18.01		17.97	17.87	19.00
20	256QAM	1	99	17.88	18.03		18.01	17.91	19.00
20	256QAM	50	0	17.87	17.99		17.90	17.85	19.00
20	256QAM	50	24	17.80	17.96		17.78	17.74	19.00
20	256QAM	50	50	17.62	17.92		17.69	17.67	19.00
20	256QAM	100	0	17.83	17.97		17.90	17.83	19.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.40	18.50		18.47	18.35	19.50
15	QPSK	1	37	18.25	18.36		18.18	18.30	19.50
15	QPSK	1	74	18.35	18.51		18.25	18.21	19.50
15	QPSK	36	0	18.27	18.42		18.36	18.15	19.50
15	QPSK	36	20	18.36	18.41		18.25	18.36	19.50
15	QPSK	36	39	18.29	18.36		18.36	18.22	19.50
15	QPSK	75	0	18.19	18.36		18.22	18.15	19.50
15	16QAM	1	0	18.14	18.31		18.26	18.19	19.50



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15	16QAM	1	37	18.24	18.44		18.37	18.26	19.50
15	16QAM	1	74	18.27	18.42		18.21	18.18	19.50
15	16QAM	36	0	18.22	18.38		18.33	18.15	19.50
15	16QAM	36	20	18.21	18.30		18.22	18.13	19.50
15	16QAM	36	39	18.16	18.44		18.34	18.16	19.50
15	16QAM	75	0	18.06	18.22		18.10	18.05	19.50
15	64QAM	1	0	18.26	18.34		18.24	18.11	19.50
15	64QAM	1	37	18.13	18.27		17.93	18.00	19.50
15	64QAM	1	74	18.14	18.29		18.19	18.12	19.50
15	64QAM	36	0	18.09	18.24		18.09	18.08	19.50
15	64QAM	36	20	18.07	18.25		18.16	18.17	19.50
15	64QAM	36	39	18.34	18.38		18.22	18.23	19.50
15	64QAM	75	0	18.28	18.31		18.19	18.29	19.50
15	256QAM	1	0	17.85	17.93		17.90	17.97	19.00
15	256QAM	1	37	17.82	17.89		17.94	17.85	19.00
15	256QAM	1	74	17.76	17.89		17.87	17.87	19.00
15	256QAM	36	0	17.82	17.86		17.88	17.78	19.00
15	256QAM	36	20	17.79	17.93		17.74	17.64	19.00
15	256QAM	36	39	17.55	17.89		17.57	17.62	19.00
15	256QAM	75	0	17.74	17.83		17.83	17.82	19.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.37	18.54		18.49	18.37	19.50
10	QPSK	1	25	18.13	18.40		18.20	18.30	19.50
10	QPSK	1	49	18.41	18.43		18.28	18.14	19.50
10	QPSK	25	0	18.25	18.43		18.27	18.26	19.50
10	QPSK	25	12	18.29	18.40		18.24	18.27	19.50
10	QPSK	25	25	18.23	18.39		18.34	18.24	19.50
10	QPSK	50	0	18.17	18.42		18.20	18.20	19.50
10	16QAM	1	0	18.21	18.26		18.29	18.18	19.50
10	16QAM	1	25	18.20	18.43		18.37	18.16	19.50
10	16QAM	1	49	18.16	18.45		18.22	18.13	19.50
10	16QAM	25	0	18.25	18.38		18.25	18.14	19.50
10	16QAM	25	12	18.26	18.37		18.30	18.08	19.50
10	16QAM	25	25	18.21	18.35		18.39	18.23	19.50
10	16QAM	50	0	18.14	18.29		18.13	18.05	19.50
10	64QAM	1	0	18.21	18.27		18.22	18.16	19.50
10	64QAM	1	25	18.06	18.23		18.05	18.06	19.50
10	64QAM	1	49	18.21	18.24		18.21	18.11	19.50
10	64QAM	25	0	18.12	18.23		18.01	17.96	19.50
10	64QAM	25	12	18.12	18.27		18.13	18.14	19.50
10	64QAM	25	25	18.30	18.30		18.31	18.18	19.50
10	64QAM	50	0	18.29	18.36		18.27	18.24	19.50
10	256QAM	1	0	17.91	17.99		17.84	17.88	19.00
10	256QAM	1	25	17.84	17.95		17.94	17.78	19.00
10	256QAM	1	49	17.80	17.99		17.89	17.87	19.00
10	256QAM	25	0	17.74	17.86		17.83	17.73	19.00
10	256QAM	25	12	17.68	17.83		17.65	17.68	19.00
10	256QAM	25	25	17.52	17.77		17.66	17.53	19.00
10	256QAM	50	0	17.77	17.87		17.76	17.74	19.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.41	18.43		18.49	18.40	19.50
5	QPSK	1	12	18.14	18.47		18.12	18.18	19.50
5	QPSK	1	24	18.32	18.46		18.28	18.26	19.50
5	QPSK	12	0	18.29	18.47		18.26	18.24	19.50
5	QPSK	12	7	18.31	18.41		18.25	18.37	19.50
5	QPSK	12	13	18.29	18.30		18.36	18.15	19.50
5	QPSK	25	0	18.19	18.40		18.20	18.25	19.50
5	16QAM	1	0	18.23	18.40		18.21	18.20	19.50
5	16QAM	1	12	18.28	18.32		18.36	18.25	19.50
5	16QAM	1	24	18.25	18.36		18.19	18.14	19.50
5	16QAM	12	0	18.16	18.47		18.30	18.19	19.50
5	16QAM	12	7	18.25	18.30		18.23	18.02	19.50
5	16QAM	12	13	18.22	18.39		18.31	18.27	19.50
5	16QAM	25	0	18.06	18.33		18.06	18.09	19.50
5	64QAM	1	0	18.25	18.25		18.23	18.05	19.50
5	64QAM	1	12	18.16	18.23		17.96	18.10	19.50
5	64QAM	1	24	18.16	18.27		18.13	18.11	19.50
5	64QAM	12	0	18.10	18.31		18.07	18.06	19.50
5	64QAM	12	7	18.16	18.28		18.16	18.11	19.50
5	64QAM	12	13	18.31	18.35		18.24	18.19	19.50
5	64QAM	25	0	18.25	18.28		18.25	18.22	19.50
5	256QAM	1	0	17.93	18.03		17.94	17.94	19.00
5	256QAM	1	12	17.92	17.88		17.85	17.73	19.00
5	256QAM	1	24	17.86	17.96		17.96	17.88	19.00



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5	256QAM	12	0	17.75	17.96		17.87	17.81	19.00
5	256QAM	12	7	17.77	17.87		17.67	17.67	19.00
5	256QAM	12	13	17.54	17.83		17.68	17.53	19.00
5	256QAM	25	0	17.75	17.95		17.80	17.74	19.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI3】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.50	21.55		21.53	21.49	22.50
20	QPSK	1	49	21.17	21.27		21.23	21.14	22.50
20	QPSK	1	99	21.15	21.31		21.16	21.12	22.50
20	QPSK	50	0	21.42	21.49		21.43	21.46	22.50
20	QPSK	50	24	21.21	21.32		21.17	21.14	22.50
20	QPSK	50	50	21.14	21.23		21.13	21.14	22.50
20	QPSK	100	0	21.40	21.46		21.43	21.41	22.50
20	16QAM	1	0	21.12	21.30		21.14	21.16	22.50
20	16QAM	1	49	21.04	21.19		21.08	21.10	22.50
20	16QAM	1	99	21.17	21.25		21.17	21.08	22.50
20	16QAM	50	0	20.73	21.04		20.83	20.92	22.00
20	16QAM	50	24	20.79	20.98		20.83	20.95	22.00
20	16QAM	50	50	20.80	21.01		20.96	20.97	22.00
20	16QAM	100	0	20.80	21.03		20.98	20.99	22.00
20	64QAM	1	0	20.38	20.73		20.58	20.62	22.00
20	64QAM	1	49	20.48	20.76		20.67	20.69	22.00
20	64QAM	1	99	20.57	20.85		20.78	20.84	22.00
20	64QAM	50	0	19.73	20.07		19.85	19.97	21.00
20	64QAM	50	24	19.81	20.05		20.00	20.09	21.00
20	64QAM	50	50	19.76	20.14		19.89	20.10	21.00
20	64QAM	100	0	19.81	20.14		19.96	20.13	21.00
20	256QAM	1	0	17.59	17.81		17.61	17.79	19.00
20	256QAM	1	49	17.53	17.82		17.73	17.83	19.00
20	256QAM	1	99	17.60	17.70		17.68	17.74	19.00
20	256QAM	50	0	17.76	18.06		17.90	18.07	19.00
20	256QAM	50	24	17.76	17.96		17.97	18.02	19.00
20	256QAM	50	50	17.95	18.17		18.06	18.15	19.00
20	256QAM	100	0	17.82	18.07		17.85	18.06	19.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.41	21.49		21.42	21.46	22.50
15	QPSK	1	37	21.03	21.21		21.13	21.05	22.50
15	QPSK	1	74	21.00	21.20		21.04	21.04	22.50
15	QPSK	36	0	21.33	21.45		21.32	21.42	22.50
15	QPSK	36	20	21.06	21.27		21.07	21.01	22.50
15	QPSK	36	39	21.10	21.14		21.05	21.01	22.50
15	QPSK	75	0	21.35	21.44		21.31	21.37	22.50
15	16QAM	1	0	21.06	21.20		21.03	21.05	22.50
15	16QAM	1	37	20.89	21.08		20.93	20.95	22.50
15	16QAM	1	74	21.06	21.21		21.14	21.00	22.50
15	16QAM	36	0	20.68	20.98		20.82	20.82	22.00
15	16QAM	36	20	20.69	20.85		20.81	20.84	22.00
15	16QAM	36	39	20.70	20.95		20.85	20.88	22.00
15	16QAM	75	0	20.76	21.00		20.84	20.92	22.00
15	64QAM	1	0	20.28	20.60		20.48	20.59	22.00
15	64QAM	1	37	20.42	20.63		20.55	20.68	22.00
15	64QAM	1	74	20.52	20.82		20.76	20.81	22.00
15	64QAM	36	0	19.71	20.03		19.77	19.84	21.00
15	64QAM	36	20	19.75	19.92		19.96	20.06	21.00
15	64QAM	36	39	19.65	20.10		19.78	20.08	21.00
15	64QAM	75	0	19.79	20.09		19.86	20.07	21.00
15	256QAM	1	0	17.46	17.67		17.54	17.70	19.00
15	256QAM	1	37	17.48	17.73		17.64	17.82	19.00
15	256QAM	1	74	17.49	17.67		17.59	17.60	19.00
15	256QAM	36	0	17.66	18.05		17.77	18.06	19.00
15	256QAM	36	20	17.75	17.83		17.90	17.91	19.00
15	256QAM	36	39	17.83	18.07		18.05	18.01	19.00
15	256QAM	75	0	17.78	17.96		17.79	17.91	19.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.36	21.42		21.49	21.46	22.50



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10	QPSK	1	25	21.13	21.22		21.15	21.13	22.50
10	QPSK	1	49	21.07	21.28		21.03	20.99	22.50
10	QPSK	25	0	21.27	21.46		21.30	21.35	22.50
10	QPSK	25	12	21.10	21.23		21.05	21.06	22.50
10	QPSK	25	25	21.03	21.16		21.04	21.05	22.50
10	QPSK	50	0	21.32	21.34		21.37	21.37	22.50
10	16QAM	1	0	21.04	21.29		21.10	21.09	22.50
10	16QAM	1	25	20.90	21.08		20.94	21.00	22.50
10	16QAM	1	49	21.04	21.14		21.12	20.94	22.50
10	16QAM	25	0	20.62	20.97		20.76	20.83	22.00
10	16QAM	25	12	20.66	20.84		20.71	20.89	22.00
10	16QAM	25	25	20.69	20.92		20.88	20.88	22.00
10	16QAM	50	0	20.68	20.90		20.95	20.89	22.00
10	64QAM	1	0	20.33	20.59		20.45	20.58	22.00
10	64QAM	1	25	20.45	20.66		20.65	20.59	22.00
10	64QAM	1	49	20.46	20.77		20.75	20.79	22.00
10	64QAM	25	0	19.63	19.99		19.81	19.87	21.00
10	64QAM	25	12	19.75	20.04		19.88	19.99	21.00
10	64QAM	25	25	19.65	20.09		19.79	20.00	21.00
10	64QAM	50	0	19.79	20.05		19.88	20.05	21.00
10	256QAM	1	0	17.46	17.75		17.51	17.69	19.00
10	256QAM	1	25	17.51	17.76		17.69	17.74	19.00
10	256QAM	1	49	17.57	17.63		17.63	17.67	19.00
10	256QAM	25	0	17.62	18.03		17.82	17.98	19.00
10	256QAM	25	12	17.62	17.83		17.91	17.87	19.00
10	256QAM	25	25	17.81	18.03		17.95	18.01	19.00
10	256QAM	50	0	17.77	17.93		17.74	17.93	19.00
Channel				55265	55810	55990	56170	56715	Tune-up
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	limit
5	QPSK	1	0	21.45	21.53		21.46	21.46	22.50
5	QPSK	1	12	21.10	21.16		21.16	21.07	22.50
5	QPSK	1	24	21.03	21.29		21.04	21.09	22.50
5	QPSK	12	0	21.28	21.40		21.29	21.35	22.50
5	QPSK	12	7	21.10	21.19		21.16	21.02	22.50
5	QPSK	12	13	21.08	21.14		20.99	21.01	22.50
5	QPSK	25	0	21.38	21.39		21.39	21.33	22.50
5	16QAM	1	0	21.09	21.28		21.03	21.09	22.50
5	16QAM	1	12	20.94	21.06		20.96	21.08	22.50
5	16QAM	1	24	21.08	21.24		21.05	21.02	22.50
5	16QAM	12	0	20.63	20.96		20.72	20.91	22.00
5	16QAM	12	7	20.69	20.85		20.72	20.81	22.00
5	16QAM	12	13	20.77	20.98		20.87	20.82	22.00
5	16QAM	25	0	20.66	20.88		20.84	20.86	22.00
5	64QAM	1	0	20.35	20.61		20.54	20.50	22.00
5	64QAM	1	12	20.44	20.71		20.61	20.58	22.00
5	64QAM	1	24	20.45	20.78		20.66	20.72	22.00
5	64QAM	12	0	19.68	19.93		19.82	19.89	21.00
5	64QAM	12	7	19.71	20.01		19.89	19.97	21.00
5	64QAM	12	13	19.74	20.05		19.87	20.07	21.00
5	64QAM	25	0	19.79	20.07		19.88	20.02	21.00
5	256QAM	1	0	17.49	17.68		17.60	17.72	19.00
5	256QAM	1	12	17.46	17.69		17.69	17.70	19.00
5	256QAM	1	24	17.48	17.55		17.55	17.62	19.00
5	256QAM	12	0	17.68	17.97		17.76	17.96	19.00
5	256QAM	12	7	17.69	17.84		17.88	18.00	19.00
5	256QAM	12	13	17.83	18.05		17.93	18.06	19.00
5	256QAM	25	0	17.80	18.05		17.70	18.01	19.00



【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI4】

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				55340	55830	55990	56150	56640	24.00
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.81	23.10		22.96	23.09	24.00
20	QPSK	1	49	22.63	22.91		22.76	22.86	24.00
20	QPSK	1	99	22.69	22.92		22.86	22.99	24.00
20	QPSK	50	0	21.77	22.07		21.85	21.96	23.00
20	QPSK	50	24	21.76	22.05		21.83	21.90	23.00
20	QPSK	50	50	21.68	21.94		21.75	21.95	23.00
20	QPSK	100	0	21.64	22.03		21.84	22.01	23.00
20	16QAM	1	0	21.77	22.11		21.97	22.10	23.00
20	16QAM	1	49	21.84	22.16		21.96	22.07	23.00
20	16QAM	1	99	21.91	22.14		21.98	22.12	23.00
20	16QAM	50	0	20.73	21.04		20.83	20.92	22.00
20	16QAM	50	24	20.79	20.98		20.83	20.95	22.00
20	16QAM	50	50	20.80	21.01		20.96	20.97	22.00
20	16QAM	100	0	20.80	21.03		20.98	20.99	22.00
20	64QAM	1	0	20.38	20.73		20.58	20.62	22.00
20	64QAM	1	49	20.48	20.76		20.67	20.69	22.00
20	64QAM	1	99	20.57	20.85		20.78	20.84	22.00
20	64QAM	50	0	19.73	20.07		19.85	19.97	21.00
20	64QAM	50	24	19.81	20.05		20.00	20.09	21.00
20	64QAM	50	50	19.76	20.14		19.89	20.10	21.00
20	64QAM	100	0	19.81	20.14		19.96	20.13	21.00
20	256QAM	1	0	17.59	17.81		17.61	17.79	19.00
20	256QAM	1	49	17.53	17.82		17.73	17.83	19.00
20	256QAM	1	99	17.60	17.70		17.68	17.74	19.00
20	256QAM	50	0	17.76	18.06		17.90	18.07	19.00
20	256QAM	50	24	17.76	17.96		17.97	18.02	19.00
20	256QAM	50	50	17.95	18.17		18.06	18.15	19.00
20	256QAM	100	0	17.82	18.07		17.85	18.06	19.00
Channel				55315	55820	55990	56160	56665	24.00
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.66	22.76		22.82	22.95	24.00
15	QPSK	1	37	22.48	22.64		22.65	22.85	24.00
15	QPSK	1	74	22.66	22.61		22.74	22.89	24.00
15	QPSK	36	0	21.65	21.70		21.74	21.88	23.00
15	QPSK	36	20	21.71	21.72		21.74	21.93	23.00
15	QPSK	36	39	21.55	21.66		21.70	21.82	23.00
15	QPSK	75	0	21.56	21.71		21.72	21.81	23.00
15	16QAM	1	0	21.72	21.82		21.83	22.03	23.00
15	16QAM	1	37	21.75	21.82		22.03	22.01	23.00
15	16QAM	1	74	21.77	21.88		21.85	22.03	23.00
15	16QAM	36	0	20.61	20.66		20.73	21.00	22.00
15	16QAM	36	20	20.66	20.68		20.86	20.95	22.00
15	16QAM	36	39	20.80	20.75		20.82	20.85	22.00
15	16QAM	75	0	20.70	20.72		20.82	20.86	22.00
15	64QAM	1	0	20.27	20.39		20.52	20.61	22.00
15	64QAM	1	37	20.52	20.37		20.51	20.55	22.00
15	64QAM	1	74	20.45	20.48		20.60	20.75	22.00
15	64QAM	36	0	19.70	19.76		19.94	19.97	21.00
15	64QAM	36	20	19.75	19.81		19.88	20.02	21.00
15	64QAM	36	39	19.83	19.85		19.78	19.97	21.00
15	64QAM	75	0	19.82	19.80		19.90	20.01	21.00
15	256QAM	1	0	17.52	17.58		17.67	17.82	19.00
15	256QAM	1	37	17.56	17.64		17.54	17.79	19.00
15	256QAM	1	74	17.48	17.46		17.58	17.67	19.00
15	256QAM	36	0	17.79	17.78		17.82	17.92	19.00
15	256QAM	36	20	17.70	17.77		17.78	17.91	19.00
15	256QAM	36	39	17.72	17.81		17.82	18.03	19.00
15	256QAM	75	0	17.64	17.76		17.71	17.92	19.00
Channel				55290	55815	55990	56165	56690	24.00
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.67	22.84		22.93	22.95	24.00
10	QPSK	1	25	22.53	22.63		22.71	22.82	24.00
10	QPSK	1	49	22.64	22.67		22.80	22.88	24.00
10	QPSK	25	0	21.60	21.70		21.72	21.87	23.00
10	QPSK	25	12	21.66	21.63		21.78	21.96	23.00
10	QPSK	25	25	21.58	21.60		21.63	21.86	23.00
10	QPSK	50	0	21.53	21.63		21.70	21.89	23.00
10	16QAM	1	0	21.74	21.83		21.96	22.00	23.00
10	16QAM	1	25	21.77	21.80		22.03	21.96	23.00

10	16QAM	1	49	21.73	21.81		21.85	22.05	23.00
10	16QAM	25	0	20.63	20.62		20.77	21.01	22.00
10	16QAM	25	12	20.73	20.75		20.81	20.93	22.00
10	16QAM	25	25	20.80	20.74		20.90	20.93	22.00
10	16QAM	50	0	20.63	20.74		20.86	20.96	22.00
10	64QAM	1	0	20.27	20.43		20.56	20.61	22.00
10	64QAM	1	25	20.43	20.45		20.60	20.63	22.00
10	64QAM	1	49	20.54	20.50		20.59	20.83	22.00
10	64QAM	25	0	19.78	19.79		19.87	19.98	21.00
10	64QAM	25	12	19.65	19.86		19.97	19.95	21.00
10	64QAM	25	25	19.78	19.80		19.89	20.08	21.00
10	64QAM	50	0	19.80	19.78		19.91	19.96	21.00
10	256QAM	1	0	17.44	17.52		17.66	17.74	19.00
10	256QAM	1	25	17.59	17.58		17.61	17.77	19.00
10	256QAM	1	49	17.45	17.45		17.46	17.67	19.00
10	256QAM	25	0	17.78	17.72		17.85	17.93	19.00
10	256QAM	25	12	17.72	17.82		17.81	17.95	19.00
10	256QAM	25	25	17.70	17.84		17.86	18.11	19.00
10	256QAM	50	0	17.71	17.77		17.79	17.92	19.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.69	22.74		22.90	23.00	24.00
5	QPSK	1	12	22.51	22.59		22.70	22.82	24.00
5	QPSK	1	24	22.66	22.55		22.73	22.95	24.00
5	QPSK	12	0	21.65	21.72		21.72	21.88	23.00
5	QPSK	12	7	21.66	21.59		21.67	21.98	23.00
5	QPSK	12	13	21.55	21.62		21.69	21.82	23.00
5	QPSK	25	0	21.51	21.60		21.75	21.83	23.00
5	16QAM	1	0	21.68	21.82		21.94	22.02	23.00
5	16QAM	1	12	21.76	21.84		22.03	22.10	23.00
5	16QAM	1	24	21.78	21.88		21.90	22.06	23.00
5	16QAM	12	0	20.70	20.66		20.72	20.96	22.00
5	16QAM	12	7	20.65	20.77		20.87	20.98	22.00
5	16QAM	12	13	20.80	20.66		20.79	20.85	22.00
5	16QAM	25	0	20.70	20.76		20.84	20.95	22.00
5	64QAM	1	0	20.36	20.50		20.56	20.51	22.00
5	64QAM	1	12	20.46	20.38		20.56	20.62	22.00
5	64QAM	1	24	20.53	20.55		20.57	20.77	22.00
5	64QAM	12	0	19.76	19.79		19.92	20.03	21.00
5	64QAM	12	7	19.72	19.92		19.86	20.05	21.00
5	64QAM	12	13	19.71	19.81		19.86	20.08	21.00
5	64QAM	25	0	19.77	19.78		19.99	19.96	21.00
5	256QAM	1	0	17.46	17.54		17.67	17.82	19.00
5	256QAM	1	12	17.58	17.58		17.61	17.81	19.00
5	256QAM	1	24	17.54	17.51		17.49	17.76	19.00
5	256QAM	12	0	17.83	17.78		17.85	17.94	19.00
5	256QAM	12	7	17.76	17.80		17.83	17.93	19.00
5	256QAM	12	13	17.77	17.79		17.93	18.05	19.00
5	256QAM	25	0	17.71	17.77		17.79	17.94	19.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_EC15】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.51	18.57		18.53	18.47	19.50
20	QPSK	1	49	18.28	18.50		18.27	18.32	19.50
20	QPSK	1	99	18.43	18.55		18.38	18.28	19.50
20	QPSK	50	0	18.44	18.54		18.39	18.45	19.50
20	QPSK	50	24	18.39	18.49		18.38	18.40	19.50
20	QPSK	50	50	18.36	18.43		18.38	18.30	19.50
20	QPSK	100	0	18.25	18.46		18.28	18.30	19.50
20	16QAM	1	0	18.25	18.41		18.32	18.31	19.50
20	16QAM	1	49	18.33	18.45		18.42	18.28	19.50
20	16QAM	1	99	18.28	18.47		18.33	18.20	19.50
20	16QAM	50	0	18.26	18.48		18.36	18.27	19.50
20	16QAM	50	24	18.28	18.42		18.31	18.17	19.50
20	16QAM	50	50	18.27	18.46		18.41	18.30	19.50
20	16QAM	100	0	18.17	18.35		18.14	18.14	19.50
20	64QAM	1	0	18.28	18.36		18.29	18.17	19.50
20	64QAM	1	49	18.19	18.35		18.07	18.13	19.50



20	64QAM	1	99	18.24	18.34		18.24	18.15	19.50
20	64QAM	50	0	18.15	18.37		18.13	18.10	19.50
20	64QAM	50	24	18.22	18.40		18.22	18.24	19.50
20	64QAM	50	50	18.43	18.45		18.34	18.27	19.50
20	64QAM	100	0	18.32	18.42		18.34	18.30	19.50
20	256QAM	1	0	17.99	18.06		17.96	18.00	19.00
20	256QAM	1	49	17.95	18.01		17.97	17.87	19.00
20	256QAM	1	99	17.88	18.03		18.01	17.91	19.00
20	256QAM	50	0	17.87	17.99		17.90	17.85	19.00
20	256QAM	50	24	17.80	17.96		17.78	17.74	19.00
20	256QAM	50	50	17.62	17.92		17.69	17.67	19.00
20	256QAM	100	0	17.83	17.97		17.90	17.83	19.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.40	18.50		18.47	18.35	19.50
15	QPSK	1	37	18.25	18.36		18.18	18.30	19.50
15	QPSK	1	74	18.35	18.51		18.25	18.21	19.50
15	QPSK	36	0	18.27	18.42		18.36	18.15	19.50
15	QPSK	36	20	18.36	18.41		18.25	18.36	19.50
15	QPSK	36	39	18.29	18.36		18.36	18.22	19.50
15	QPSK	75	0	18.19	18.36		18.22	18.15	19.50
15	16QAM	1	0	18.14	18.31		18.26	18.19	19.50
15	16QAM	1	37	18.24	18.44		18.37	18.26	19.50
15	16QAM	1	74	18.27	18.42		18.21	18.18	19.50
15	16QAM	36	0	18.22	18.38		18.33	18.15	19.50
15	16QAM	36	20	18.21	18.30		18.22	18.13	19.50
15	16QAM	36	39	18.16	18.44		18.34	18.16	19.50
15	16QAM	75	0	18.06	18.22		18.10	18.05	19.50
15	64QAM	1	0	18.26	18.34		18.24	18.11	19.50
15	64QAM	1	37	18.13	18.27		17.93	18.00	19.50
15	64QAM	1	74	18.14	18.29		18.19	18.12	19.50
15	64QAM	36	0	18.09	18.24		18.09	18.08	19.50
15	64QAM	36	20	18.07	18.25		18.16	18.17	19.50
15	64QAM	36	39	18.34	18.38		18.22	18.23	19.50
15	64QAM	75	0	18.28	18.31		18.19	18.29	19.50
15	256QAM	1	0	17.85	17.93		17.90	17.97	19.00
15	256QAM	1	37	17.82	17.89		17.94	17.85	19.00
15	256QAM	1	74	17.76	17.89		17.87	17.87	19.00
15	256QAM	36	0	17.82	17.86		17.88	17.78	19.00
15	256QAM	36	20	17.79	17.93		17.74	17.64	19.00
15	256QAM	36	39	17.55	17.89		17.57	17.62	19.00
15	256QAM	75	0	17.74	17.83		17.83	17.82	19.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.37	18.54		18.49	18.37	19.50
10	QPSK	1	25	18.13	18.40		18.20	18.30	19.50
10	QPSK	1	49	18.41	18.43		18.28	18.14	19.50
10	QPSK	25	0	18.25	18.43		18.27	18.26	19.50
10	QPSK	25	12	18.29	18.40		18.24	18.27	19.50
10	QPSK	25	25	18.23	18.39		18.34	18.24	19.50
10	QPSK	50	0	18.17	18.42		18.20	18.20	19.50
10	16QAM	1	0	18.21	18.26		18.29	18.18	19.50
10	16QAM	1	25	18.20	18.43		18.37	18.16	19.50
10	16QAM	1	49	18.16	18.45		18.22	18.13	19.50
10	16QAM	25	0	18.25	18.38		18.25	18.14	19.50
10	16QAM	25	12	18.26	18.37		18.30	18.08	19.50
10	16QAM	25	25	18.21	18.35		18.39	18.23	19.50
10	16QAM	50	0	18.14	18.29		18.13	18.05	19.50
10	64QAM	1	0	18.21	18.27		18.22	18.16	19.50
10	64QAM	1	25	18.06	18.23		18.05	18.06	19.50
10	64QAM	1	49	18.21	18.24		18.21	18.11	19.50
10	64QAM	25	0	18.12	18.23		18.01	17.96	19.50
10	64QAM	25	12	18.12	18.27		18.13	18.14	19.50
10	64QAM	25	25	18.30	18.30		18.31	18.18	19.50
10	64QAM	50	0	18.29	18.36		18.27	18.24	19.50
10	256QAM	1	0	17.91	17.99		17.84	17.88	19.00
10	256QAM	1	25	17.84	17.95		17.94	17.78	19.00
10	256QAM	1	49	17.80	17.99		17.89	17.87	19.00
10	256QAM	25	0	17.74	17.86		17.83	17.73	19.00
10	256QAM	25	12	17.68	17.83		17.65	17.68	19.00
10	256QAM	25	25	17.52	17.77		17.66	17.53	19.00
10	256QAM	50	0	17.77	17.87		17.76	17.74	19.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.41	18.43		18.49	18.40	19.50

5	QPSK	1	12	18.14	18.47		18.12	18.18	19.50
5	QPSK	1	24	18.32	18.46		18.28	18.26	19.50
5	QPSK	12	0	18.29	18.47		18.26	18.24	19.50
5	QPSK	12	7	18.31	18.41		18.25	18.37	19.50
5	QPSK	12	13	18.29	18.30		18.36	18.15	19.50
5	QPSK	25	0	18.19	18.40		18.20	18.25	19.50
5	16QAM	1	0	18.23	18.40		18.21	18.20	19.50
5	16QAM	1	12	18.28	18.32		18.36	18.25	19.50
5	16QAM	1	24	18.25	18.36		18.19	18.14	19.50
5	16QAM	12	0	18.16	18.47		18.30	18.19	19.50
5	16QAM	12	7	18.25	18.30		18.23	18.02	19.50
5	16QAM	12	13	18.22	18.39		18.31	18.27	19.50
5	16QAM	25	0	18.06	18.33		18.06	18.09	19.50
5	64QAM	1	0	18.25	18.25		18.23	18.05	19.50
5	64QAM	1	12	18.16	18.23		17.96	18.10	19.50
5	64QAM	1	24	18.16	18.27		18.13	18.11	19.50
5	64QAM	12	0	18.10	18.31		18.07	18.06	19.50
5	64QAM	12	7	18.16	18.28		18.16	18.11	19.50
5	64QAM	12	13	18.31	18.35		18.24	18.19	19.50
5	64QAM	25	0	18.25	18.28		18.25	18.22	19.50
5	256QAM	1	0	17.93	18.03		17.94	17.94	19.00
5	256QAM	1	12	17.92	17.88		17.85	17.73	19.00
5	256QAM	1	24	17.86	17.96		17.96	17.88	19.00
5	256QAM	12	0	17.75	17.96		17.87	17.81	19.00
5	256QAM	12	7	17.77	17.87		17.67	17.67	19.00
5	256QAM	12	13	17.54	17.83		17.68	17.53	19.00
5	256QAM	25	0	17.75	17.95		17.80	17.74	19.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 8_Default】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	24.01	24.25		24.18	24.24	25.50
20	QPSK	1	49	23.91	24.18		24.00	24.17	25.50
20	QPSK	1	99	23.86	24.15		24.04	24.15	25.50
20	QPSK	50	0	23.07	23.33		23.24	23.31	24.50
20	QPSK	50	24	22.96	23.21		23.19	23.28	24.50
20	QPSK	50	50	23.06	23.30		23.13	23.29	24.50
20	QPSK	100	0	22.94	23.27		23.12	23.25	24.50
20	16QAM	1	0	23.10	23.32		23.23	23.30	24.50
20	16QAM	1	49	23.11	23.40		23.31	23.33	24.50
20	16QAM	1	99	23.14	23.44		23.38	23.46	24.50
20	16QAM	50	0	22.01	22.24		22.10	22.23	23.50
20	16QAM	50	24	21.98	22.24		22.20	22.26	23.50
20	16QAM	50	50	22.05	22.23		22.27	22.26	23.50
20	16QAM	100	0	22.05	22.25		22.12	22.26	23.50
20	64QAM	1	0	21.68	21.92		21.96	22.02	23.50
20	64QAM	1	49	21.87	21.97		22.01	22.06	23.50
20	64QAM	1	99	21.81	21.96		22.02	22.04	23.50
20	64QAM	50	0	21.01	21.20		21.21	21.18	22.50
20	64QAM	50	24	21.11	21.31		21.26	21.31	22.50
20	64QAM	50	50	21.09	21.35		21.30	21.35	22.50
20	64QAM	100	0	21.01	21.21		21.21	21.29	22.50
20	256QAM	1	0	18.76	18.96		18.99	18.98	20.50
20	256QAM	1	49	18.96	19.25		19.20	19.28	20.50
20	256QAM	1	99	18.98	19.12		19.06	19.11	20.50
20	256QAM	50	0	19.05	19.22		19.16	19.15	20.50
20	256QAM	50	24	19.01	19.16		19.12	19.20	20.50
20	256QAM	50	50	19.03	19.25		19.12	19.24	20.50
20	256QAM	100	0	18.92	19.16		19.12	19.22	20.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.96	24.13		24.08	24.14	25.50
15	QPSK	1	37	23.87	24.04		23.95	24.13	25.50
15	QPSK	1	74	23.84	24.05		24.02	24.03	25.50
15	QPSK	36	0	22.99	23.31		23.13	23.24	24.50
15	QPSK	36	20	22.83	23.09		23.09	23.20	24.50
15	QPSK	36	39	22.91	23.28		23.05	23.27	24.50
15	QPSK	75	0	22.88	23.06		23.01	23.20	24.50
15	16QAM	1	0	23.06	23.20		23.13	23.26	24.50



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15	16QAM	1	37	23.08	23.31		23.22	23.27	24.50
15	16QAM	1	74	23.01	23.41		23.30	23.34	24.50
15	16QAM	36	0	21.89	22.19		22.06	22.17	23.50
15	16QAM	36	20	21.92	22.20		22.17	22.19	23.50
15	16QAM	36	39	22.01	22.20		22.19	22.18	23.50
15	16QAM	75	0	22.00	22.20		22.02	22.21	23.50
15	64QAM	1	0	21.58	21.86		21.88	21.93	23.50
15	64QAM	1	37	21.77	21.86		21.87	21.98	23.50
15	64QAM	1	74	21.67	21.93		21.97	21.95	23.50
15	64QAM	36	0	20.90	21.10		21.11	21.07	22.50
15	64QAM	36	20	21.07	21.25		21.19	21.29	22.50
15	64QAM	36	39	21.00	21.27		21.28	21.29	22.50
15	64QAM	75	0	20.93	21.16		21.14	21.28	22.50
15	256QAM	1	0	18.63	18.82		18.89	18.90	20.50
15	256QAM	1	37	18.88	19.22		19.05	19.18	20.50
15	256QAM	1	74	18.89	19.08		18.94	19.07	20.50
15	256QAM	36	0	18.98	19.09		19.06	19.05	20.50
15	256QAM	36	20	18.89	19.02		19.08	19.05	20.50
15	256QAM	36	39	18.98	19.12		19.05	19.21	20.50
15	256QAM	75	0	18.90	19.14		19.06	19.10	20.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.92	24.21		24.07	24.10	25.50
10	QPSK	1	25	23.89	24.12		23.95	24.07	25.50
10	QPSK	1	49	23.82	24.03		23.89	24.03	25.50
10	QPSK	25	0	23.00	23.22		23.21	23.11	24.50
10	QPSK	25	12	22.89	23.16		23.10	23.22	24.50
10	QPSK	25	25	22.94	23.28		23.05	23.28	24.50
10	QPSK	50	0	22.91	23.19		22.98	23.13	24.50
10	16QAM	1	0	22.96	23.25		23.21	23.20	24.50
10	16QAM	1	25	22.97	23.37		23.26	23.22	24.50
10	16QAM	1	49	23.13	23.41		23.30	23.42	24.50
10	16QAM	25	0	21.98	22.13		22.08	22.09	23.50
10	16QAM	25	12	21.94	22.10		22.10	22.12	23.50
10	16QAM	25	25	22.02	22.22		22.18	22.14	23.50
10	16QAM	50	0	21.94	22.12		21.99	22.20	23.50
10	64QAM	1	0	21.54	21.89		21.87	21.91	23.50
10	64QAM	1	25	21.73	21.93		21.89	22.05	23.50
10	64QAM	1	49	21.77	21.90		22.00	21.91	23.50
10	64QAM	25	0	20.98	21.08		21.14	21.05	22.50
10	64QAM	25	12	21.01	21.23		21.15	21.25	22.50
10	64QAM	25	25	20.98	21.23		21.21	21.32	22.50
10	64QAM	50	0	20.97	21.17		21.20	21.21	22.50
10	256QAM	1	0	18.68	18.83		18.89	18.89	20.50
10	256QAM	1	25	18.81	19.23		19.07	19.22	20.50
10	256QAM	1	49	18.88	19.10		18.97	18.98	20.50
10	256QAM	25	0	18.94	19.08		19.13	19.13	20.50
10	256QAM	25	12	18.97	19.15		18.97	19.15	20.50
10	256QAM	25	25	18.93	19.19		18.98	19.22	20.50
10	256QAM	50	0	18.88	19.06		19.02	19.20	20.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.99	24.18		24.05	24.09	25.50
5	QPSK	1	12	23.86	24.08		23.86	24.14	25.50
5	QPSK	1	24	23.83	24.03		23.91	24.05	25.50
5	QPSK	12	0	22.93	23.23		23.20	23.15	24.50
5	QPSK	12	7	22.87	23.18		23.08	23.25	24.50
5	QPSK	12	13	22.95	23.17		23.02	23.15	24.50
5	QPSK	25	0	22.92	23.14		23.02	23.15	24.50
5	16QAM	1	0	23.04	23.20		23.13	23.23	24.50
5	16QAM	1	12	23.05	23.36		23.17	23.25	24.50
5	16QAM	1	24	23.01	23.30		23.34	23.34	24.50
5	16QAM	12	0	21.90	22.11		21.97	22.20	23.50
5	16QAM	12	7	21.87	22.16		22.12	22.19	23.50
5	16QAM	12	13	21.99	22.16		22.12	22.14	23.50
5	16QAM	25	0	22.01	22.20		22.02	22.22	23.50
5	64QAM	1	0	21.60	21.90		21.84	21.95	23.50
5	64QAM	1	12	21.84	21.91		21.98	21.94	23.50
5	64QAM	1	24	21.79	21.82		21.96	21.95	23.50
5	64QAM	12	0	20.90	21.06		21.11	21.06	22.50
5	64QAM	12	7	21.03	21.24		21.16	21.26	22.50
5	64QAM	12	13	20.99	21.29		21.25	21.22	22.50
5	64QAM	25	0	20.93	21.15		21.18	21.25	22.50
5	256QAM	1	0	18.71	18.93		18.98	18.84	20.50
5	256QAM	1	12	18.92	19.17		19.05	19.26	20.50
5	256QAM	1	24	18.92	19.01		18.97	19.02	20.50



5	256QAM	12	0	19.03	19.10		19.05	19.13	20.50
5	256QAM	12	7	18.96	19.06		19.09	19.08	20.50
5	256QAM	12	13	18.95	19.22		19.07	19.09	20.50
5	256QAM	25	0	18.85	19.13		19.11	19.14	20.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 8_EC11】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.23	17.28		17.21	17.25	18.50
20	QPSK	1	49	17.06	17.21		17.12	17.13	18.50
20	QPSK	1	99	17.06	17.19		17.00	17.02	18.50
20	QPSK	50	0	17.09	17.24		17.06	17.05	18.50
20	QPSK	50	24	16.95	17.18		16.93	16.99	18.50
20	QPSK	50	50	16.94	17.12		16.82	16.95	18.50
20	QPSK	100	0	16.92	17.15		16.97	16.93	18.50
20	16QAM	1	0	16.93	17.06		16.86	16.92	18.50
20	16QAM	1	49	16.96	17.09		16.89	17.01	18.50
20	16QAM	1	99	16.92	17.06		16.80	16.95	18.50
20	16QAM	50	0	16.89	17.11		16.86	16.82	18.50
20	16QAM	50	24	16.92	17.13		16.92	16.96	18.50
20	16QAM	50	50	16.71	16.97		16.62	16.66	18.50
20	16QAM	100	0	16.79	16.99		16.81	16.80	18.50
20	64QAM	1	0	16.95	17.08		16.88	16.94	18.50
20	64QAM	1	49	16.80	17.04		16.74	16.79	18.50
20	64QAM	1	99	16.95	17.06		16.96	16.89	18.50
20	64QAM	50	0	17.01	17.15		16.95	17.11	18.50
20	64QAM	50	24	16.69	17.00		16.74	16.76	18.50
20	64QAM	50	50	17.03	17.15		17.02	17.10	18.50
20	64QAM	100	0	16.73	17.01		16.80	16.86	18.50
20	256QAM	1	0	16.91	17.08		16.90	16.99	18.50
20	256QAM	1	49	16.96	17.18		16.99	17.06	18.50
20	256QAM	1	99	16.90	17.12		16.91	16.88	18.50
20	256QAM	50	0	16.93	17.03		16.94	16.98	18.50
20	256QAM	50	24	16.72	16.97		16.72	16.81	18.50
20	256QAM	50	50	16.84	17.07		16.74	16.76	18.50
20	256QAM	100	0	17.02	17.11		16.95	17.00	18.50
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.20	17.26		17.20	17.15	18.50
15	QPSK	1	37	17.01	17.15		17.04	16.99	18.50
15	QPSK	1	74	17.00	17.06		16.98	16.90	18.50
15	QPSK	36	0	16.95	17.17		16.99	16.90	18.50
15	QPSK	36	20	16.88	17.13		16.84	16.86	18.50
15	QPSK	36	39	16.79	16.98		16.68	16.89	18.50
15	QPSK	75	0	16.77	17.01		16.96	16.91	18.50
15	16QAM	1	0	16.88	16.91		16.72	16.86	18.50
15	16QAM	1	37	16.93	16.97		16.83	16.91	18.50
15	16QAM	1	74	16.84	17.03		16.72	16.94	18.50
15	16QAM	36	0	16.86	17.09		16.72	16.80	18.50
15	16QAM	36	20	16.80	17.10		16.81	16.94	18.50
15	16QAM	36	39	16.61	16.89		16.51	16.54	18.50
15	16QAM	75	0	16.73	16.92		16.66	16.73	18.50
15	64QAM	1	0	16.85	16.97		16.78	16.91	18.50
15	64QAM	1	37	16.71	17.01		16.63	16.65	18.50
15	64QAM	1	74	16.83	17.04		16.81	16.85	18.50
15	64QAM	36	0	16.94	17.05		16.87	17.07	18.50
15	64QAM	36	20	16.63	16.89		16.59	16.73	18.50
15	64QAM	36	39	16.96	17.10		16.94	17.07	18.50
15	64QAM	75	0	16.68	16.87		16.71	16.75	18.50
15	256QAM	1	0	16.76	17.00		16.85	16.89	18.50
15	256QAM	1	37	16.86	17.06		16.84	17.02	18.50
15	256QAM	1	74	16.85	17.01		16.88	16.77	18.50
15	256QAM	36	0	16.81	16.91		16.86	16.89	18.50
15	256QAM	36	20	16.59	16.92		16.68	16.69	18.50
15	256QAM	36	39	16.75	17.04		16.65	16.70	18.50
15	256QAM	75	0	16.88	16.99		16.91	16.91	18.50
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.11	17.17		17.09	17.15	18.50

10	QPSK	1	25	16.99	17.09		16.98	17.12	18.50
10	QPSK	1	49	17.03	17.17		16.85	16.97	18.50
10	QPSK	25	0	16.97	17.18		17.00	16.94	18.50
10	QPSK	25	12	16.85	17.16		16.80	16.97	18.50
10	QPSK	25	25	16.90	17.01		16.76	16.84	18.50
10	QPSK	50	0	16.84	17.06		16.85	16.80	18.50
10	16QAM	1	0	16.85	16.99		16.84	16.84	18.50
10	16QAM	1	25	16.86	16.97		16.79	16.96	18.50
10	16QAM	1	49	16.77	17.01		16.75	16.83	18.50
10	16QAM	25	0	16.78	17.08		16.78	16.70	18.50
10	16QAM	25	12	16.83	17.01		16.90	16.82	18.50
10	16QAM	25	25	16.60	16.86		16.57	16.62	18.50
10	16QAM	50	0	16.75	16.88		16.72	16.71	18.50
10	64QAM	1	0	16.82	17.02		16.85	16.85	18.50
10	64QAM	1	25	16.65	16.94		16.65	16.76	18.50
10	64QAM	1	49	16.87	16.95		16.83	16.78	18.50
10	64QAM	25	0	16.99	17.06		16.83	17.00	18.50
10	64QAM	25	12	16.67	16.92		16.71	16.61	18.50
10	64QAM	25	25	16.93	17.09		16.94	16.97	18.50
10	64QAM	50	0	16.65	16.96		16.67	16.84	18.50
10	256QAM	1	0	16.87	16.98		16.89	16.86	18.50
10	256QAM	1	25	16.87	17.14		16.85	17.00	18.50
10	256QAM	1	49	16.86	17.08		16.87	16.82	18.50
10	256QAM	25	0	16.84	16.99		16.86	16.97	18.50
10	256QAM	25	12	16.62	16.88		16.65	16.69	18.50
10	256QAM	25	25	16.82	17.00		16.66	16.69	18.50
10	256QAM	50	0	16.91	17.00		16.80	16.92	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.20	17.20		17.18	17.21	18.50
5	QPSK	1	12	16.99	17.13		16.97	17.02	18.50
5	QPSK	1	24	16.95	17.06		16.97	17.00	18.50
5	QPSK	12	0	16.96	17.16		16.98	17.02	18.50
5	QPSK	12	7	16.86	17.15		16.85	16.90	18.50
5	QPSK	12	13	16.90	17.05		16.79	16.93	18.50
5	QPSK	25	0	16.90	17.06		16.84	16.83	18.50
5	16QAM	1	0	16.79	16.98		16.80	16.90	18.50
5	16QAM	1	12	16.90	17.06		16.86	16.94	18.50
5	16QAM	1	24	16.84	16.98		16.68	16.85	18.50
5	16QAM	12	0	16.85	16.99		16.77	16.68	18.50
5	16QAM	12	7	16.78	17.00		16.78	16.88	18.50
5	16QAM	12	13	16.62	16.96		16.48	16.58	18.50
5	16QAM	25	0	16.77	16.98		16.75	16.73	18.50
5	64QAM	1	0	16.83	17.05		16.85	16.88	18.50
5	64QAM	1	12	16.66	16.98		16.60	16.66	18.50
5	64QAM	1	24	16.90	16.98		16.88	16.81	18.50
5	64QAM	12	0	16.91	17.01		16.82	17.02	18.50
5	64QAM	12	7	16.62	16.89		16.61	16.71	18.50
5	64QAM	12	13	16.88	17.04		16.98	16.98	18.50
5	64QAM	25	0	16.70	16.87		16.71	16.74	18.50
5	256QAM	1	0	16.86	17.02		16.88	16.92	18.50
5	256QAM	1	12	16.94	17.14		16.94	16.92	18.50
5	256QAM	1	24	16.88	17.03		16.78	16.79	18.50
5	256QAM	12	0	16.79	16.92		16.81	16.91	18.50
5	256QAM	12	7	16.59	16.90		16.68	16.68	18.50
5	256QAM	12	13	16.76	17.04		16.67	16.63	18.50
5	256QAM	25	0	16.93	17.01		16.81	16.92	18.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 8_EC13】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.81	20.83		20.79	20.77	22.00
20	QPSK	1	49	20.62	20.66		20.49	20.51	22.00
20	QPSK	1	99	20.54	20.69		20.63	20.55	22.00
20	QPSK	50	0	20.69	20.73		20.71	20.68	22.00
20	QPSK	50	24	20.67	20.72		20.66	20.54	22.00
20	QPSK	50	50	20.66	20.72		20.64	20.55	22.00
20	QPSK	100	0	20.67	20.74		20.63	20.67	22.00
20	16QAM	1	0	20.49	20.58		20.52	20.40	22.00



20	16QAM	1	49	20.67	20.71		20.56	20.55	22.00
20	16QAM	1	99	20.55	20.59		20.45	20.44	22.00
20	16QAM	50	0	20.60	20.71		20.64	20.55	22.00
20	16QAM	50	24	20.51	20.64		20.56	20.54	22.00
20	16QAM	50	50	20.49	20.58		20.44	20.50	22.00
20	16QAM	100	0	20.64	20.71		20.52	20.63	22.00
20	64QAM	1	0	20.51	20.61		20.52	20.44	22.00
20	64QAM	1	49	20.54	20.64		20.57	20.46	22.00
20	64QAM	1	99	20.65	20.69		20.57	20.50	22.00
20	64QAM	50	0	20.43	20.59		20.52	20.45	22.00
20	64QAM	50	24	20.50	20.63		20.48	20.49	22.00
20	64QAM	50	50	20.43	20.58		20.39	20.47	22.00
20	64QAM	100	0	20.61	20.73		20.65	20.55	22.00
20	256QAM	1	0	18.76	18.96		18.99	18.98	20.50
20	256QAM	1	49	18.96	19.25		19.20	19.28	20.50
20	256QAM	1	99	18.98	19.12		19.06	19.11	20.50
20	256QAM	50	0	19.05	19.22		19.16	19.15	20.50
20	256QAM	50	24	19.01	19.16		19.12	19.20	20.50
20	256QAM	50	50	19.03	19.25		19.12	19.24	20.50
20	256QAM	100	0	18.92	19.16		19.12	19.22	20.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.66	20.79		20.67	20.68	22.00
15	QPSK	1	37	20.54	20.60		20.46	20.38	22.00
15	QPSK	1	74	20.51	20.63		20.59	20.41	22.00
15	QPSK	36	0	20.54	20.72		20.66	20.64	22.00
15	QPSK	36	20	20.64	20.68		20.58	20.52	22.00
15	QPSK	36	39	20.62	20.58		20.54	20.42	22.00
15	QPSK	75	0	20.56	20.64		20.52	20.58	22.00
15	16QAM	1	0	20.40	20.44		20.48	20.27	22.00
15	16QAM	1	37	20.55	20.59		20.43	20.46	22.00
15	16QAM	1	74	20.40	20.49		20.37	20.41	22.00
15	16QAM	36	0	20.47	20.67		20.54	20.52	22.00
15	16QAM	36	20	20.44	20.55		20.42	20.45	22.00
15	16QAM	36	39	20.47	20.46		20.33	20.41	22.00
15	16QAM	75	0	20.51	20.69		20.47	20.54	22.00
15	64QAM	1	0	20.37	20.59		20.46	20.43	22.00
15	64QAM	1	37	20.50	20.58		20.47	20.37	22.00
15	64QAM	1	74	20.50	20.56		20.46	20.38	22.00
15	64QAM	36	0	20.35	20.46		20.45	20.33	22.00
15	64QAM	36	20	20.44	20.58		20.35	20.38	22.00
15	64QAM	36	39	20.36	20.54		20.29	20.33	22.00
15	64QAM	75	0	20.57	20.58		20.64	20.53	22.00
15	256QAM	1	0	18.62	18.84		18.98	18.88	20.50
15	256QAM	1	37	18.92	19.15		19.14	19.19	20.50
15	256QAM	1	74	18.97	18.99		18.99	19.07	20.50
15	256QAM	36	0	18.92	19.17		19.13	19.08	20.50
15	256QAM	36	20	18.91	19.08		19.09	19.16	20.50
15	256QAM	36	39	19.00	19.21		19.07	19.15	20.50
15	256QAM	75	0	18.89	19.10		19.08	19.20	20.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.66	20.68		20.74	20.73	22.00
10	QPSK	1	25	20.60	20.59		20.40	20.49	22.00
10	QPSK	1	49	20.41	20.61		20.57	20.47	22.00
10	QPSK	25	0	20.57	20.63		20.66	20.61	22.00
10	QPSK	25	12	20.58	20.68		20.63	20.48	22.00
10	QPSK	25	25	20.53	20.60		20.61	20.51	22.00
10	QPSK	50	0	20.54	20.63		20.49	20.53	22.00
10	16QAM	1	0	20.35	20.50		20.48	20.28	22.00
10	16QAM	1	25	20.55	20.69		20.44	20.50	22.00
10	16QAM	1	49	20.50	20.56		20.44	20.41	22.00
10	16QAM	25	0	20.47	20.59		20.49	20.54	22.00
10	16QAM	25	12	20.49	20.62		20.45	20.39	22.00
10	16QAM	25	25	20.43	20.53		20.35	20.49	22.00
10	16QAM	50	0	20.58	20.59		20.44	20.60	22.00
10	64QAM	1	0	20.42	20.51		20.38	20.34	22.00
10	64QAM	1	25	20.48	20.50		20.51	20.42	22.00
10	64QAM	1	49	20.51	20.56		20.54	20.46	22.00
10	64QAM	25	0	20.39	20.52		20.38	20.37	22.00
10	64QAM	25	12	20.36	20.52		20.42	20.42	22.00
10	64QAM	25	25	20.40	20.54		20.26	20.45	22.00
10	64QAM	50	0	20.49	20.69		20.58	20.51	22.00
10	256QAM	1	0	18.63	18.86		18.87	18.90	20.50
10	256QAM	1	25	18.95	19.22		19.07	19.23	20.50
10	256QAM	1	49	18.86	19.05		19.00	19.05	20.50

10	256QAM	25	0	19.00	19.13		19.15	19.06	20.50
10	256QAM	25	12	18.99	19.12		19.02	19.14	20.50
10	256QAM	25	25	18.93	19.10		19.00	19.16	20.50
10	256QAM	50	0	18.83	19.03		19.05	19.11	20.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.68	20.74		20.74	20.70	22.00
5	QPSK	1	12	20.60	20.62		20.38	20.45	22.00
5	QPSK	1	24	20.46	20.61		20.57	20.49	22.00
5	QPSK	12	0	20.55	20.62		20.61	20.56	22.00
5	QPSK	12	7	20.61	20.71		20.60	20.45	22.00
5	QPSK	12	13	20.52	20.66		20.59	20.53	22.00
5	QPSK	25	0	20.61	20.65		20.50	20.58	22.00
5	16QAM	1	0	20.45	20.45		20.49	20.36	22.00
5	16QAM	1	12	20.64	20.58		20.53	20.47	22.00
5	16QAM	1	24	20.40	20.46		20.32	20.34	22.00
5	16QAM	12	0	20.54	20.57		20.52	20.50	22.00
5	16QAM	12	7	20.41	20.54		20.48	20.44	22.00
5	16QAM	12	13	20.38	20.57		20.36	20.40	22.00
5	16QAM	25	0	20.61	20.68		20.47	20.52	22.00
5	64QAM	1	0	20.45	20.56		20.43	20.36	22.00
5	64QAM	1	12	20.45	20.51		20.46	20.43	22.00
5	64QAM	1	24	20.53	20.67		20.53	20.41	22.00
5	64QAM	12	0	20.30	20.54		20.47	20.30	22.00
5	64QAM	12	7	20.37	20.50		20.44	20.45	22.00
5	64QAM	12	13	20.38	20.53		20.26	20.37	22.00
5	64QAM	25	0	20.53	20.69		20.60	20.49	22.00
5	256QAM	1	0	18.69	18.85		18.93	18.97	20.50
5	256QAM	1	12	18.94	19.24		19.16	19.16	20.50
5	256QAM	1	24	18.86	18.99		18.99	19.01	20.50
5	256QAM	12	0	18.91	19.11		19.01	19.06	20.50
5	256QAM	12	7	18.99	19.13		19.00	19.05	20.50
5	256QAM	12	13	18.92	19.18		19.04	19.15	20.50
5	256QAM	25	0	18.78	19.13		19.02	19.21	20.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 8_EC14】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.81	20.83		20.79	20.77	22.00
20	QPSK	1	49	20.62	20.66		20.49	20.51	22.00
20	QPSK	1	99	20.54	20.69		20.63	20.55	22.00
20	QPSK	50	0	20.66	20.73		20.71	20.68	22.00
20	QPSK	50	24	20.67	20.72		20.66	20.54	22.00
20	QPSK	50	50	20.66	20.72		20.64	20.55	22.00
20	QPSK	100	0	20.67	20.74		20.63	20.67	22.00
20	16QAM	1	0	20.49	20.58		20.52	20.40	22.00
20	16QAM	1	49	20.67	20.71		20.56	20.55	22.00
20	16QAM	1	99	20.55	20.59		20.45	20.44	22.00
20	16QAM	50	0	20.60	20.71		20.64	20.55	22.00
20	16QAM	50	24	20.51	20.64		20.56	20.54	22.00
20	16QAM	50	50	20.49	20.58		20.44	20.50	22.00
20	16QAM	100	0	20.64	20.71		20.52	20.63	22.00
20	64QAM	1	0	20.51	20.61		20.52	20.44	22.00
20	64QAM	1	49	20.54	20.64		20.57	20.46	22.00
20	64QAM	1	99	20.65	20.69		20.57	20.50	22.00
20	64QAM	50	0	20.43	20.59		20.52	20.45	22.00
20	64QAM	50	24	20.50	20.63		20.48	20.49	22.00
20	64QAM	50	50	20.43	20.58		20.39	20.47	22.00
20	64QAM	100	0	20.61	20.73		20.65	20.55	22.00
20	256QAM	1	0	18.76	18.96		18.99	18.98	20.50
20	256QAM	1	49	18.96	19.25		19.20	19.28	20.50
20	256QAM	1	99	18.98	19.12		19.06	19.11	20.50
20	256QAM	50	0	19.05	19.22		19.16	19.15	20.50
20	256QAM	50	24	19.01	19.16		19.12	19.20	20.50
20	256QAM	50	50	19.03	19.25		19.12	19.24	20.50
20	256QAM	100	0	18.92	19.16		19.12	19.22	20.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.66	20.79		20.67	20.68	22.00



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15	QPSK	1	37	20.54	20.60		20.46	20.38	22.00
15	QPSK	1	74	20.51	20.63		20.59	20.41	22.00
15	QPSK	36	0	20.54	20.72		20.66	20.64	22.00
15	QPSK	36	20	20.64	20.68		20.58	20.52	22.00
15	QPSK	36	39	20.62	20.58		20.54	20.42	22.00
15	QPSK	75	0	20.56	20.64		20.52	20.58	22.00
15	16QAM	1	0	20.40	20.44		20.48	20.27	22.00
15	16QAM	1	37	20.55	20.59		20.43	20.46	22.00
15	16QAM	1	74	20.40	20.49		20.37	20.41	22.00
15	16QAM	36	0	20.47	20.67		20.54	20.52	22.00
15	16QAM	36	20	20.44	20.55		20.42	20.45	22.00
15	16QAM	36	39	20.47	20.46		20.33	20.41	22.00
15	16QAM	75	0	20.51	20.69		20.47	20.54	22.00
15	64QAM	1	0	20.37	20.59		20.46	20.43	22.00
15	64QAM	1	37	20.50	20.58		20.47	20.37	22.00
15	64QAM	1	74	20.50	20.56		20.46	20.38	22.00
15	64QAM	36	0	20.35	20.46		20.45	20.33	22.00
15	64QAM	36	20	20.44	20.58		20.35	20.38	22.00
15	64QAM	36	39	20.36	20.54		20.29	20.33	22.00
15	64QAM	75	0	20.57	20.58		20.64	20.53	22.00
15	256QAM	1	0	18.62	18.84		18.98	18.88	20.50
15	256QAM	1	37	18.92	19.15		19.14	19.19	20.50
15	256QAM	1	74	18.97	18.99		18.99	19.07	20.50
15	256QAM	36	0	18.92	19.17		19.13	19.08	20.50
15	256QAM	36	20	18.91	19.08		19.09	19.16	20.50
15	256QAM	36	39	19.00	19.21		19.07	19.15	20.50
15	256QAM	75	0	18.89	19.10		19.08	19.20	20.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.66	20.68		20.74	20.73	22.00
10	QPSK	1	25	20.60	20.59		20.40	20.49	22.00
10	QPSK	1	49	20.41	20.61		20.57	20.47	22.00
10	QPSK	25	0	20.57	20.63		20.66	20.61	22.00
10	QPSK	25	12	20.58	20.68		20.63	20.48	22.00
10	QPSK	25	25	20.53	20.60		20.61	20.51	22.00
10	QPSK	50	0	20.54	20.63		20.49	20.53	22.00
10	16QAM	1	0	20.35	20.50		20.48	20.28	22.00
10	16QAM	1	25	20.55	20.69		20.44	20.50	22.00
10	16QAM	1	49	20.50	20.56		20.44	20.41	22.00
10	16QAM	25	0	20.47	20.59		20.49	20.54	22.00
10	16QAM	25	12	20.49	20.62		20.45	20.39	22.00
10	16QAM	25	25	20.43	20.53		20.35	20.49	22.00
10	16QAM	50	0	20.58	20.59		20.44	20.60	22.00
10	64QAM	1	0	20.42	20.51		20.38	20.34	22.00
10	64QAM	1	25	20.48	20.50		20.51	20.42	22.00
10	64QAM	1	49	20.51	20.56		20.54	20.46	22.00
10	64QAM	25	0	20.39	20.52		20.38	20.37	22.00
10	64QAM	25	12	20.36	20.52		20.42	20.42	22.00
10	64QAM	25	25	20.40	20.54		20.26	20.45	22.00
10	64QAM	50	0	20.49	20.69		20.58	20.51	22.00
10	256QAM	1	0	18.63	18.86		18.87	18.90	20.50
10	256QAM	1	25	18.95	19.22		19.07	19.23	20.50
10	256QAM	1	49	18.86	19.05		19.00	19.05	20.50
10	256QAM	25	0	19.00	19.13		19.15	19.06	20.50
10	256QAM	25	12	18.99	19.12		19.02	19.14	20.50
10	256QAM	25	25	18.93	19.10		19.00	19.16	20.50
10	256QAM	50	0	18.83	19.03		19.05	19.11	20.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.68	20.74		20.74	20.70	22.00
5	QPSK	1	12	20.60	20.62		20.38	20.45	22.00
5	QPSK	1	24	20.46	20.61		20.57	20.49	22.00
5	QPSK	12	0	20.55	20.62		20.61	20.56	22.00
5	QPSK	12	7	20.61	20.71		20.60	20.45	22.00
5	QPSK	12	13	20.52	20.66		20.59	20.53	22.00
5	QPSK	25	0	20.61	20.65		20.50	20.58	22.00
5	16QAM	1	0	20.45	20.45		20.49	20.36	22.00
5	16QAM	1	12	20.64	20.58		20.53	20.47	22.00
5	16QAM	1	24	20.40	20.46		20.32	20.34	22.00
5	16QAM	12	0	20.54	20.57		20.52	20.50	22.00
5	16QAM	12	7	20.41	20.54		20.48	20.44	22.00
5	16QAM	12	13	20.38	20.57		20.36	20.40	22.00
5	16QAM	25	0	20.61	20.68		20.47	20.52	22.00
5	64QAM	1	0	20.45	20.56		20.43	20.36	22.00
5	64QAM	1	12	20.45	20.51		20.46	20.43	22.00
5	64QAM	1	24	20.53	20.67		20.53	20.41	22.00



5	64QAM	12	0	20.30	20.54		20.47	20.30	22.00
5	64QAM	12	7	20.37	20.50		20.44	20.45	22.00
5	64QAM	12	13	20.38	20.53		20.26	20.37	22.00
5	64QAM	25	0	20.53	20.69		20.60	20.49	22.00
5	256QAM	1	0	18.69	18.85		18.93	18.97	20.50
5	256QAM	1	12	18.94	19.24		19.16	19.16	20.50
5	256QAM	1	24	18.86	18.99		18.99	19.01	20.50
5	256QAM	12	0	18.91	19.11		19.01	19.06	20.50
5	256QAM	12	7	18.99	19.13		19.00	19.05	20.50
5	256QAM	12	13	18.92	19.18		19.04	19.15	20.50
5	256QAM	25	0	18.78	19.13		19.02	19.21	20.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 8_ECI5】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.23	17.28		17.21	17.25	18.50
20	QPSK	1	49	17.06	17.21		17.12	17.13	18.50
20	QPSK	1	99	17.06	17.19		17.00	17.02	18.50
20	QPSK	50	0	17.09	17.24		17.06	17.05	18.50
20	QPSK	50	24	16.95	17.18		16.93	16.99	18.50
20	QPSK	50	50	16.94	17.12		16.82	16.95	18.50
20	QPSK	100	0	16.92	17.15		16.97	16.93	18.50
20	16QAM	1	0	16.93	17.06		16.86	16.92	18.50
20	16QAM	1	49	16.96	17.09		16.89	17.01	18.50
20	16QAM	1	99	16.92	17.06		16.80	16.95	18.50
20	16QAM	50	0	16.89	17.11		16.86	16.82	18.50
20	16QAM	50	24	16.92	17.13		16.92	16.96	18.50
20	16QAM	50	50	16.71	16.97		16.62	16.66	18.50
20	16QAM	100	0	16.79	16.99		16.81	16.80	18.50
20	64QAM	1	0	16.95	17.08		16.88	16.94	18.50
20	64QAM	1	49	16.80	17.04		16.74	16.79	18.50
20	64QAM	1	99	16.95	17.06		16.96	16.89	18.50
20	64QAM	50	0	17.01	17.15		16.95	17.11	18.50
20	64QAM	50	24	16.69	17.00		16.74	16.76	18.50
20	64QAM	50	50	17.03	17.15		17.02	17.10	18.50
20	64QAM	100	0	16.73	17.01		16.80	16.86	18.50
20	256QAM	1	0	16.91	17.08		16.90	16.99	18.50
20	256QAM	1	49	16.96	17.18		16.99	17.06	18.50
20	256QAM	1	99	16.90	17.12		16.91	16.88	18.50
20	256QAM	50	0	16.93	17.03		16.94	16.98	18.50
20	256QAM	50	24	16.72	16.97		16.72	16.81	18.50
20	256QAM	50	50	16.84	17.07		16.74	16.76	18.50
20	256QAM	100	0	17.02	17.11		16.95	17.00	18.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.20	17.26		17.20	17.15	18.50
15	QPSK	1	37	17.01	17.15		17.04	16.99	18.50
15	QPSK	1	74	17.00	17.06		16.98	16.90	18.50
15	QPSK	36	0	16.95	17.17		16.99	16.90	18.50
15	QPSK	36	20	16.88	17.13		16.84	16.86	18.50
15	QPSK	36	39	16.79	16.98		16.68	16.89	18.50
15	QPSK	75	0	16.77	17.01		16.96	16.91	18.50
15	16QAM	1	0	16.88	16.91		16.72	16.86	18.50
15	16QAM	1	37	16.93	16.97		16.83	16.91	18.50
15	16QAM	1	74	16.84	17.03		16.72	16.94	18.50
15	16QAM	36	0	16.86	17.09		16.72	16.80	18.50
15	16QAM	36	20	16.80	17.10		16.81	16.94	18.50
15	16QAM	36	39	16.61	16.89		16.51	16.54	18.50
15	16QAM	75	0	16.73	16.92		16.66	16.73	18.50
15	64QAM	1	0	16.85	16.97		16.78	16.91	18.50
15	64QAM	1	37	16.71	17.01		16.63	16.65	18.50
15	64QAM	1	74	16.83	17.04		16.81	16.85	18.50
15	64QAM	36	0	16.94	17.05		16.87	17.07	18.50
15	64QAM	36	20	16.63	16.89		16.59	16.73	18.50
15	64QAM	36	39	16.96	17.10		16.94	17.07	18.50
15	64QAM	75	0	16.68	16.87		16.71	16.75	18.50
15	256QAM	1	0	16.76	17.00		16.85	16.89	18.50
15	256QAM	1	37	16.86	17.06		16.84	17.02	18.50
15	256QAM	1	74	16.85	17.01		16.88	16.77	18.50



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15	256QAM	36	0	16.81	16.91		16.86	16.89	18.50
15	256QAM	36	20	16.59	16.92		16.68	16.69	18.50
15	256QAM	36	39	16.75	17.04		16.65	16.70	18.50
15	256QAM	75	0	16.88	16.99		16.91	16.91	18.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.11	17.17		17.09	17.15	18.50
10	QPSK	1	25	16.99	17.09		16.98	17.12	18.50
10	QPSK	1	49	17.03	17.17		16.85	16.97	18.50
10	QPSK	25	0	16.97	17.18		17.00	16.94	18.50
10	QPSK	25	12	16.85	17.16		16.80	16.97	18.50
10	QPSK	25	25	16.90	17.01		16.76	16.84	18.50
10	QPSK	50	0	16.84	17.06		16.85	16.80	18.50
10	16QAM	1	0	16.85	16.99		16.84	16.84	18.50
10	16QAM	1	25	16.86	16.97		16.79	16.96	18.50
10	16QAM	1	49	16.77	17.01		16.75	16.83	18.50
10	16QAM	25	0	16.78	17.08		16.78	16.70	18.50
10	16QAM	25	12	16.83	17.01		16.90	16.82	18.50
10	16QAM	25	25	16.60	16.86		16.57	16.62	18.50
10	16QAM	50	0	16.75	16.88		16.72	16.71	18.50
10	64QAM	1	0	16.82	17.02		16.85	16.85	18.50
10	64QAM	1	25	16.65	16.94		16.65	16.76	18.50
10	64QAM	1	49	16.87	16.95		16.83	16.78	18.50
10	64QAM	25	0	16.99	17.06		16.83	17.00	18.50
10	64QAM	25	12	16.67	16.92		16.71	16.61	18.50
10	64QAM	25	25	16.93	17.09		16.94	16.97	18.50
10	64QAM	50	0	16.65	16.96		16.67	16.84	18.50
10	256QAM	1	0	16.87	16.98		16.89	16.86	18.50
10	256QAM	1	25	16.87	17.14		16.85	17.00	18.50
10	256QAM	1	49	16.86	17.08		16.87	16.82	18.50
10	256QAM	25	0	16.84	16.99		16.86	16.97	18.50
10	256QAM	25	12	16.62	16.88		16.65	16.69	18.50
10	256QAM	25	25	16.82	17.00		16.66	16.69	18.50
10	256QAM	50	0	16.91	17.00		16.80	16.92	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.20	17.20		17.18	17.21	18.50
5	QPSK	1	12	16.99	17.13		16.97	17.02	18.50
5	QPSK	1	24	16.95	17.06		16.97	17.00	18.50
5	QPSK	12	0	16.96	17.16		16.98	17.02	18.50
5	QPSK	12	7	16.86	17.15		16.85	16.90	18.50
5	QPSK	12	13	16.90	17.05		16.79	16.93	18.50
5	QPSK	25	0	16.90	17.06		16.84	16.83	18.50
5	16QAM	1	0	16.79	16.98		16.80	16.90	18.50
5	16QAM	1	12	16.90	17.06		16.86	16.94	18.50
5	16QAM	1	24	16.84	16.98		16.68	16.85	18.50
5	16QAM	12	0	16.85	16.99		16.77	16.68	18.50
5	16QAM	12	7	16.78	17.00		16.78	16.88	18.50
5	16QAM	12	13	16.62	16.96		16.48	16.58	18.50
5	16QAM	25	0	16.77	16.98		16.75	16.73	18.50
5	64QAM	1	0	16.83	17.05		16.85	16.88	18.50
5	64QAM	1	12	16.66	16.98		16.60	16.66	18.50
5	64QAM	1	24	16.90	16.98		16.88	16.81	18.50
5	64QAM	12	0	16.91	17.01		16.82	17.02	18.50
5	64QAM	12	7	16.62	16.89		16.61	16.71	18.50
5	64QAM	12	13	16.88	17.04		16.98	16.98	18.50
5	64QAM	25	0	16.70	16.87		16.71	16.74	18.50
5	256QAM	1	0	16.86	17.02		16.88	16.92	18.50
5	256QAM	1	12	16.94	17.14		16.94	16.92	18.50
5	256QAM	1	24	16.88	17.03		16.78	16.79	18.50
5	256QAM	12	0	16.79	16.92		16.81	16.91	18.50
5	256QAM	12	7	16.59	16.90		16.68	16.68	18.50
5	256QAM	12	13	16.76	17.04		16.67	16.63	18.50
5	256QAM	25	0	16.93	17.01		16.81	16.92	18.50



【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 9_Default】

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				55340	55830	55990	56150	56640	24.50
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.21	23.35		23.26	23.24	24.50
20	QPSK	1	49	23.09	23.23		23.12	23.17	24.50
20	QPSK	1	99	23.08	23.24		23.17	23.09	24.50
20	QPSK	50	0	22.20	22.31		22.28	22.17	23.50
20	QPSK	50	24	22.17	22.28		22.21	22.23	23.50
20	QPSK	50	50	22.12	22.29		22.24	22.12	23.50
20	QPSK	100	0	22.08	22.31		22.18	22.18	23.50
20	16QAM	1	0	22.35	22.37		22.36	22.36	23.50
20	16QAM	1	49	22.28	22.37		22.28	22.24	23.50
20	16QAM	1	99	22.42	22.52		22.46	22.36	23.50
20	16QAM	50	0	21.23	21.31		21.28	21.28	22.50
20	16QAM	50	24	21.22	21.34		21.27	21.29	22.50
20	16QAM	50	50	21.21	21.38		21.20	21.22	22.50
20	16QAM	100	0	21.25	21.36		21.25	21.20	22.50
20	64QAM	1	0	21.00	21.08		20.92	20.89	22.50
20	64QAM	1	49	21.00	21.04		21.08	20.93	22.50
20	64QAM	1	99	21.11	21.14		21.10	21.10	22.50
20	64QAM	50	0	20.14	20.38		20.23	20.17	21.50
20	64QAM	50	24	20.29	20.32		20.31	20.33	21.50
20	64QAM	50	50	20.18	20.43		20.27	20.26	21.50
20	64QAM	100	0	20.16	20.40		20.29	20.29	21.50
20	256QAM	1	0	18.04	18.17		18.09	18.03	19.50
20	256QAM	1	49	18.19	18.27		18.23	18.13	19.50
20	256QAM	1	99	18.21	18.31		18.22	18.24	19.50
20	256QAM	50	0	19.13	19.27		19.25	19.28	19.50
20	256QAM	50	24	18.17	18.27		18.15	18.17	19.50
20	256QAM	50	50	18.27	18.42		18.30	18.30	19.50
20	256QAM	100	0	18.22	18.28		18.26	18.25	19.50
Channel				55315	55820	55990	56160	56665	24.50
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.13	23.20		23.21	23.10	24.50
15	QPSK	1	37	23.05	23.20		22.97	23.11	24.50
15	QPSK	1	74	23.02	23.12		23.14	23.01	24.50
15	QPSK	36	0	22.18	22.14		22.18	22.07	23.50
15	QPSK	36	20	22.08	22.14		22.11	22.10	23.50
15	QPSK	36	39	22.05	22.21		22.21	22.09	23.50
15	QPSK	75	0	22.03	22.25		22.08	22.06	23.50
15	16QAM	1	0	22.24	22.32		22.34	22.27	23.50
15	16QAM	1	37	22.14	22.23		22.14	22.17	23.50
15	16QAM	1	74	22.31	22.45		22.32	22.24	23.50
15	16QAM	36	0	21.08	21.29		21.26	21.20	22.50
15	16QAM	36	20	21.08	21.20		21.16	21.15	22.50
15	16QAM	36	39	21.06	21.31		21.17	21.19	22.50
15	16QAM	75	0	21.14	21.31		21.12	21.06	22.50
15	64QAM	1	0	20.98	20.96		20.90	20.84	22.50
15	64QAM	1	37	20.87	21.00		21.00	20.80	22.50
15	64QAM	1	74	21.01	20.99		20.96	21.02	22.50
15	64QAM	36	0	20.07	20.25		20.13	20.03	21.50
15	64QAM	36	20	20.22	20.27		20.23	20.25	21.50
15	64QAM	36	39	20.07	20.32		20.25	20.16	21.50
15	64QAM	75	0	20.08	20.39		20.26	20.16	21.50
15	256QAM	1	0	17.98	18.10		18.03	18.01	19.50
15	256QAM	1	37	18.09	18.14		18.13	18.00	19.50
15	256QAM	1	74	18.08	18.30		18.08	18.22	19.50
15	256QAM	36	0	19.02	19.19		19.11	19.25	19.50
15	256QAM	36	20	18.14	18.22		18.14	18.08	19.50
15	256QAM	36	39	18.13	18.37		18.19	18.17	19.50
15	256QAM	75	0	18.13	18.15		18.23	18.18	19.50
Channel				55290	55815	55990	56165	56690	24.50
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.15	23.29		23.22	23.21	24.50
10	QPSK	1	25	23.00	23.13		22.98	23.02	24.50
10	QPSK	1	49	22.99	23.20		23.05	23.07	24.50
10	QPSK	25	0	22.07	22.23		22.25	22.14	23.50
10	QPSK	25	12	22.07	22.15		22.17	22.18	23.50
10	QPSK	25	25	22.01	22.20		22.21	21.98	23.50
10	QPSK	50	0	22.05	22.17		22.07	22.17	23.50
10	16QAM	1	0	22.25	22.35		22.28	22.31	23.50
10	16QAM	1	25	22.14	22.28		22.17	22.16	23.50



10	16QAM	1	49	22.38	22.47		22.40	22.25	23.50
10	16QAM	25	0	21.18	21.21		21.22	21.19	22.50
10	16QAM	25	12	21.20	21.25		21.14	21.14	22.50
10	16QAM	25	25	21.15	21.33		21.15	21.20	22.50
10	16QAM	50	0	21.13	21.29		21.19	21.12	22.50
10	64QAM	1	0	20.92	20.95		20.90	20.81	22.50
10	64QAM	1	25	20.86	21.01		21.01	20.91	22.50
10	64QAM	1	49	20.96	21.06		21.03	20.98	22.50
10	64QAM	25	0	20.09	20.34		20.21	20.14	21.50
10	64QAM	25	12	20.20	20.29		20.25	20.19	21.50
10	64QAM	25	25	20.08	20.30		20.23	20.16	21.50
10	64QAM	50	0	20.05	20.32		20.18	20.20	21.50
10	256QAM	1	0	17.97	18.03		18.05	18.00	19.50
10	256QAM	1	25	18.14	18.14		18.21	18.08	19.50
10	256QAM	1	49	18.20	18.20		18.18	18.15	19.50
10	256QAM	25	0	19.03	19.15		19.11	19.20	19.50
10	256QAM	25	12	18.09	18.15		18.09	18.14	19.50
10	256QAM	25	25	18.23	18.35		18.27	18.21	19.50
10	256QAM	50	0	18.08	18.26		18.19	18.19	19.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.16	23.28		23.17	23.15	24.50
5	QPSK	1	12	23.01	23.19		22.97	23.12	24.50
5	QPSK	1	24	22.96	23.21		23.07	23.02	24.50
5	QPSK	12	0	22.05	22.22		22.26	22.07	23.50
5	QPSK	12	7	22.09	22.19		22.07	22.09	23.50
5	QPSK	12	13	22.01	22.25		22.09	22.01	23.50
5	QPSK	25	0	22.00	22.20		22.03	22.10	23.50
5	16QAM	1	0	22.21	22.33		22.32	22.21	23.50
5	16QAM	1	12	22.24	22.30		22.19	22.18	23.50
5	16QAM	1	24	22.38	22.47		22.45	22.22	23.50
5	16QAM	12	0	21.14	21.21		21.26	21.16	22.50
5	16QAM	12	7	21.11	21.30		21.14	21.22	22.50
5	16QAM	12	13	21.17	21.24		21.07	21.16	22.50
5	16QAM	25	0	21.10	21.33		21.21	21.11	22.50
5	64QAM	1	0	20.91	20.99		20.88	20.81	22.50
5	64QAM	1	12	20.95	20.98		20.96	20.89	22.50
5	64QAM	1	24	21.07	21.10		21.09	21.09	22.50
5	64QAM	12	0	20.04	20.35		20.20	20.07	21.50
5	64QAM	12	7	20.27	20.20		20.26	20.28	21.50
5	64QAM	12	13	20.17	20.34		20.25	20.24	21.50
5	64QAM	25	0	20.08	20.27		20.19	20.23	21.50
5	256QAM	1	0	18.00	18.11		18.00	17.94	19.50
5	256QAM	1	12	18.09	18.16		18.09	18.05	19.50
5	256QAM	1	24	18.06	18.19		18.13	18.19	19.50
5	256QAM	12	0	18.98	19.23		19.21	19.21	19.50
5	256QAM	12	7	18.03	18.17		18.05	18.12	19.50
5	256QAM	12	13	18.16	18.38		18.21	18.25	19.50
5	256QAM	25	0	18.08	18.19		18.16	18.11	19.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 9_EC11】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.77	16.80		16.72	16.71	18.00
20	QPSK	1	49	16.66	16.72		16.59	16.68	18.00
20	QPSK	1	99	16.73	16.75		16.67	16.70	18.00
20	QPSK	50	0	16.71	16.76		16.73	16.75	18.00
20	QPSK	50	24	16.70	16.73		16.64	16.54	18.00
20	QPSK	50	50	16.53	16.68		16.52	16.51	18.00
20	QPSK	100	0	16.58	16.62		16.54	16.53	18.00
20	16QAM	1	0	16.74	16.65		16.63	16.62	18.00
20	16QAM	1	49	16.64	16.69		16.56	16.53	18.00
20	16QAM	1	99	16.63	16.64		16.59	16.62	18.00
20	16QAM	50	0	16.65	16.61		16.58	16.56	18.00
20	16QAM	50	24	16.63	16.63		16.61	16.60	18.00
20	16QAM	50	50	16.58	16.55		16.48	16.56	18.00
20	16QAM	100	0	16.52	16.59		16.48	16.47	18.00
20	64QAM	1	0	16.54	16.55		16.53	16.53	18.00
20	64QAM	1	49	16.44	16.54		16.46	16.39	18.00



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20	64QAM	1	99	16.53	16.65		16.48	16.47	18.00
20	64QAM	50	0	16.47	16.53		16.46	16.50	18.00
20	64QAM	50	24	16.59	16.55		16.55	16.47	18.00
20	64QAM	50	50	16.64	16.55		16.50	16.49	18.00
20	64QAM	100	0	16.43	16.54		16.39	16.48	18.00
20	256QAM	1	0	16.48	16.55		16.49	16.44	18.00
20	256QAM	1	49	16.46	16.48		16.38	16.42	18.00
20	256QAM	1	99	16.58	16.56		16.54	16.51	18.00
20	256QAM	50	0	16.57	16.58		16.50	16.55	18.00
20	256QAM	50	24	16.66	16.55		16.50	16.57	18.00
20	256QAM	50	50	16.42	16.49		16.42	16.37	18.00
20	256QAM	100	0	16.53	16.55		16.50	16.51	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.64	16.71		16.59	16.66	18.00
15	QPSK	1	37	16.56	16.63		16.57	16.65	18.00
15	QPSK	1	74	16.72	16.60		16.57	16.63	18.00
15	QPSK	36	0	16.56	16.67		16.71	16.76	18.00
15	QPSK	36	20	16.58	16.71		16.56	16.53	18.00
15	QPSK	36	39	16.46	16.53		16.46	16.42	18.00
15	QPSK	75	0	16.54	16.54		16.45	16.38	18.00
15	16QAM	1	0	16.66	16.59		16.54	16.53	18.00
15	16QAM	1	37	16.62	16.67		16.48	16.42	18.00
15	16QAM	1	74	16.50	16.62		16.56	16.50	18.00
15	16QAM	36	0	16.64	16.59		16.52	16.49	18.00
15	16QAM	36	20	16.50	16.55		16.50	16.48	18.00
15	16QAM	36	39	16.46	16.51		16.37	16.44	18.00
15	16QAM	75	0	16.37	16.54		16.36	16.45	18.00
15	64QAM	1	0	16.41	16.48		16.46	16.44	18.00
15	64QAM	1	37	16.42	16.43		16.45	16.31	18.00
15	64QAM	1	74	16.42	16.55		16.35	16.43	18.00
15	64QAM	36	0	16.41	16.50		16.33	16.44	18.00
15	64QAM	36	20	16.56	16.41		16.44	16.32	18.00
15	64QAM	36	39	16.63	16.53		16.44	16.47	18.00
15	64QAM	75	0	16.35	16.39		16.38	16.34	18.00
15	256QAM	1	0	16.36	16.45		16.42	16.38	18.00
15	256QAM	1	37	16.38	16.39		16.24	16.32	18.00
15	256QAM	1	74	16.44	16.45		16.51	16.49	18.00
15	256QAM	36	0	16.48	16.55		16.45	16.45	18.00
15	256QAM	36	20	16.65	16.49		16.44	16.53	18.00
15	256QAM	36	39	16.38	16.37		16.31	16.34	18.00
15	256QAM	75	0	16.38	16.45		16.48	16.47	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.75	16.69		16.69	16.67	18.00
10	QPSK	1	25	16.52	16.59		16.44	16.60	18.00
10	QPSK	1	49	16.67	16.66		16.53	16.61	18.00
10	QPSK	25	0	16.64	16.69		16.64	16.73	18.00
10	QPSK	25	12	16.55	16.70		16.55	16.51	18.00
10	QPSK	25	25	16.40	16.65		16.41	16.48	18.00
10	QPSK	50	0	16.50	16.61		16.50	16.49	18.00
10	16QAM	1	0	16.59	16.56		16.53	16.55	18.00
10	16QAM	1	25	16.50	16.66		16.48	16.51	18.00
10	16QAM	1	49	16.50	16.54		16.44	16.59	18.00
10	16QAM	25	0	16.59	16.49		16.45	16.47	18.00
10	16QAM	25	12	16.60	16.51		16.52	16.53	18.00
10	16QAM	25	25	16.49	16.52		16.47	16.55	18.00
10	16QAM	50	0	16.48	16.54		16.47	16.40	18.00
10	64QAM	1	0	16.49	16.44		16.49	16.48	18.00
10	64QAM	1	25	16.35	16.51		16.40	16.24	18.00
10	64QAM	1	49	16.47	16.52		16.43	16.37	18.00
10	64QAM	25	0	16.35	16.39		16.44	16.43	18.00
10	64QAM	25	12	16.57	16.47		16.54	16.43	18.00
10	64QAM	25	25	16.56	16.53		16.47	16.34	18.00
10	64QAM	50	0	16.37	16.49		16.28	16.35	18.00
10	256QAM	1	0	16.37	16.44		16.43	16.37	18.00
10	256QAM	1	25	16.34	16.44		16.31	16.30	18.00
10	256QAM	1	49	16.49	16.52		16.43	16.45	18.00
10	256QAM	25	0	16.51	16.53		16.45	16.48	18.00
10	256QAM	25	12	16.54	16.45		16.40	16.53	18.00
10	256QAM	25	25	16.31	16.39		16.31	16.35	18.00
10	256QAM	50	0	16.43	16.50		16.44	16.44	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.74	16.74		16.62	16.60	18.00

5	QPSK	1	12	16.53	16.65		16.47	16.56	18.00
5	QPSK	1	24	16.65	16.66		16.61	16.67	18.00
5	QPSK	12	0	16.62	16.61		16.63	16.68	18.00
5	QPSK	12	7	16.64	16.68		16.49	16.47	18.00
5	QPSK	12	13	16.41	16.56		16.44	16.44	18.00
5	QPSK	25	0	16.50	16.60		16.46	16.48	18.00
5	16QAM	1	0	16.59	16.52		16.55	16.61	18.00
5	16QAM	1	12	16.61	16.60		16.42	16.38	18.00
5	16QAM	1	24	16.56	16.58		16.49	16.60	18.00
5	16QAM	12	0	16.52	16.56		16.47	16.42	18.00
5	16QAM	12	7	16.53	16.55		16.49	16.49	18.00
5	16QAM	12	13	16.50	16.45		16.40	16.47	18.00
5	16QAM	25	0	16.42	16.45		16.36	16.44	18.00
5	64QAM	1	0	16.44	16.51		16.51	16.43	18.00
5	64QAM	1	12	16.34	16.44		16.32	16.33	18.00
5	64QAM	1	24	16.39	16.58		16.39	16.41	18.00
5	64QAM	12	0	16.39	16.48		16.38	16.44	18.00
5	64QAM	12	7	16.50	16.52		16.41	16.39	18.00
5	64QAM	12	13	16.52	16.53		16.48	16.44	18.00
5	64QAM	25	0	16.30	16.52		16.33	16.37	18.00
5	256QAM	1	0	16.38	16.44		16.39	16.32	18.00
5	256QAM	1	12	16.37	16.34		16.29	16.39	18.00
5	256QAM	1	24	16.45	16.47		16.40	16.44	18.00
5	256QAM	12	0	16.54	16.56		16.39	16.43	18.00
5	256QAM	12	7	16.65	16.46		16.35	16.51	18.00
5	256QAM	12	13	16.40	16.35		16.31	16.31	18.00
5	256QAM	25	0	16.49	16.47		16.42	16.39	18.00

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 9_ECI3】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.91	20.96		20.95	20.93	22.00
20	QPSK	1	49	20.64	20.74		20.68	20.65	22.00
20	QPSK	1	99	20.65	20.72		20.70	20.65	22.00
20	QPSK	50	0	20.82	20.91		20.88	20.86	22.00
20	QPSK	50	24	20.67	20.74		20.70	20.57	22.00
20	QPSK	50	50	20.73	20.80		20.66	20.68	22.00
20	QPSK	100	0	20.83	20.90		20.84	20.83	22.00
20	16QAM	1	0	20.62	20.74		20.60	20.70	22.00
20	16QAM	1	49	20.62	20.78		20.68	20.67	22.00
20	16QAM	1	99	20.65	20.77		20.72	20.72	22.00
20	16QAM	50	0	20.64	20.73		20.65	20.62	22.00
20	16QAM	50	24	20.63	20.74		20.62	20.68	22.00
20	16QAM	50	50	20.70	20.79		20.70	20.74	22.00
20	16QAM	100	0	20.66	20.73		20.68	20.64	22.00
20	64QAM	1	0	20.60	20.76		20.71	20.58	22.00
20	64QAM	1	49	20.54	20.67		20.59	20.51	22.00
20	64QAM	1	99	20.62	20.76		20.62	20.62	22.00
20	64QAM	50	0	20.14	20.38		20.23	20.17	21.50
20	64QAM	50	24	20.29	20.32		20.31	20.33	21.50
20	64QAM	50	50	20.18	20.43		20.27	20.26	21.50
20	64QAM	100	0	20.16	20.40		20.29	20.29	21.50
20	256QAM	1	0	18.04	18.17		18.09	18.03	19.50
20	256QAM	1	49	18.19	18.27		18.23	18.13	19.50
20	256QAM	1	99	18.21	18.31		18.22	18.24	19.50
20	256QAM	50	0	19.13	19.27		19.25	19.28	19.50
20	256QAM	50	24	18.17	18.27		18.15	18.17	19.50
20	256QAM	50	50	18.27	18.42		18.30	18.30	19.50
20	256QAM	100	0	18.22	18.28		18.26	18.25	19.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.90	20.83		20.85	20.90	22.00
15	QPSK	1	37	20.55	20.64		20.64	20.60	22.00
15	QPSK	1	74	20.51	20.63		20.62	20.54	22.00
15	QPSK	36	0	20.69	20.89		20.83	20.84	22.00
15	QPSK	36	20	20.62	20.67		20.66	20.42	22.00
15	QPSK	36	39	20.59	20.66		20.60	20.64	22.00
15	QPSK	75	0	20.74	20.80		20.73	20.81	22.00
15	16QAM	1	0	20.61	20.72		20.58	20.55	22.00



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15	16QAM	1	37	20.54	20.74		20.53	20.60	22.00
15	16QAM	1	74	20.50	20.63		20.64	20.60	22.00
15	16QAM	36	0	20.61	20.67		20.64	20.60	22.00
15	16QAM	36	20	20.59	20.59		20.60	20.58	22.00
15	16QAM	36	39	20.67	20.76		20.56	20.63	22.00
15	16QAM	75	0	20.62	20.69		20.60	20.51	22.00
15	64QAM	1	0	20.50	20.62		20.67	20.49	22.00
15	64QAM	1	37	20.50	20.66		20.56	20.39	22.00
15	64QAM	1	74	20.60	20.75		20.50	20.59	22.00
15	64QAM	36	0	20.02	20.32		20.17	20.07	21.50
15	64QAM	36	20	20.17	20.28		20.24	20.19	21.50
15	64QAM	36	39	20.11	20.31		20.20	20.12	21.50
15	64QAM	75	0	20.14	20.34		20.23	20.22	21.50
15	256QAM	1	0	17.99	18.06		17.97	17.90	19.50
15	256QAM	1	37	18.12	18.20		18.20	18.06	19.50
15	256QAM	1	74	18.12	18.24		18.13	18.18	19.50
15	256QAM	36	0	19.11	19.19		19.14	19.22	19.50
15	256QAM	36	20	18.05	18.18		18.13	18.02	19.50
15	256QAM	36	39	18.19	18.39		18.19	18.16	19.50
15	256QAM	75	0	18.07	18.23		18.22	18.24	19.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.81	20.91		20.82	20.81	22.00
10	QPSK	1	25	20.56	20.67		20.57	20.60	22.00
10	QPSK	1	49	20.52	20.71		20.60	20.53	22.00
10	QPSK	25	0	20.80	20.88		20.74	20.83	22.00
10	QPSK	25	12	20.53	20.65		20.56	20.44	22.00
10	QPSK	25	25	20.70	20.67		20.52	20.64	22.00
10	QPSK	50	0	20.73	20.86		20.78	20.82	22.00
10	16QAM	1	0	20.58	20.67		20.49	20.60	22.00
10	16QAM	1	25	20.53	20.69		20.65	20.65	22.00
10	16QAM	1	49	20.53	20.62		20.64	20.58	22.00
10	16QAM	25	0	20.55	20.71		20.54	20.48	22.00
10	16QAM	25	12	20.56	20.60		20.61	20.56	22.00
10	16QAM	25	25	20.64	20.74		20.55	20.62	22.00
10	16QAM	50	0	20.62	20.61		20.55	20.63	22.00
10	64QAM	1	0	20.57	20.64		20.64	20.48	22.00
10	64QAM	1	25	20.49	20.62		20.50	20.40	22.00
10	64QAM	1	49	20.56	20.64		20.53	20.54	22.00
10	64QAM	25	0	20.10	20.26		20.09	20.13	21.50
10	64QAM	25	12	20.21	20.24		20.16	20.29	21.50
10	64QAM	25	25	20.09	20.30		20.23	20.18	21.50
10	64QAM	50	0	20.01	20.39		20.16	20.22	21.50
10	256QAM	1	0	17.92	18.16		17.95	17.95	19.50
10	256QAM	1	25	18.18	18.23		18.12	18.05	19.50
10	256QAM	1	49	18.10	18.24		18.16	18.10	19.50
10	256QAM	25	0	19.06	19.21		19.17	19.16	19.50
10	256QAM	25	12	18.04	18.22		18.00	18.07	19.50
10	256QAM	25	25	18.20	18.36		18.29	18.20	19.50
10	256QAM	50	0	18.12	18.22		18.21	18.16	19.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.88	20.92		20.83	20.84	22.00
5	QPSK	1	12	20.53	20.67		20.56	20.50	22.00
5	QPSK	1	24	20.63	20.64		20.59	20.62	22.00
5	QPSK	12	0	20.67	20.85		20.83	20.82	22.00
5	QPSK	12	7	20.62	20.62		20.65	20.54	22.00
5	QPSK	12	13	20.59	20.71		20.64	20.67	22.00
5	QPSK	25	0	20.69	20.78		20.81	20.75	22.00
5	16QAM	1	0	20.52	20.70		20.51	20.57	22.00
5	16QAM	1	12	20.49	20.69		20.57	20.59	22.00
5	16QAM	1	24	20.52	20.74		20.66	20.57	22.00
5	16QAM	12	0	20.53	20.61		20.52	20.58	22.00
5	16QAM	12	7	20.55	20.71		20.56	20.55	22.00
5	16QAM	12	13	20.66	20.70		20.68	20.59	22.00
5	16QAM	25	0	20.58	20.61		20.63	20.56	22.00
5	64QAM	1	0	20.51	20.73		20.67	20.44	22.00
5	64QAM	1	12	20.40	20.54		20.58	20.36	22.00
5	64QAM	1	24	20.49	20.71		20.49	20.58	22.00
5	64QAM	12	0	20.09	20.25		20.17	20.07	21.50
5	64QAM	12	7	20.22	20.22		20.26	20.32	21.50
5	64QAM	12	13	20.12	20.41		20.19	20.20	21.50
5	64QAM	25	0	20.02	20.34		20.15	20.21	21.50
5	256QAM	1	0	18.02	18.07		17.96	17.98	19.50
5	256QAM	1	12	18.14	18.17		18.10	18.11	19.50
5	256QAM	1	24	18.15	18.21		18.10	18.17	19.50



5	256QAM	12	0	19.08	19.14		19.21	19.23	19.50
5	256QAM	12	7	18.12	18.18		18.04	18.09	19.50
5	256QAM	12	13	18.24	18.41		18.27	18.24	19.50
5	256QAM	25	0	18.15	18.17		18.12	18.15	19.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 9_ECI4】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.21	23.35		23.26	23.24	24.50
20	QPSK	1	49	23.09	23.23		23.12	23.17	24.50
20	QPSK	1	99	23.08	23.24		23.17	23.09	24.50
20	QPSK	50	0	22.20	22.31		22.28	22.17	23.50
20	QPSK	50	24	22.17	22.28		22.21	22.23	23.50
20	QPSK	50	50	22.12	22.29		22.24	22.12	23.50
20	QPSK	100	0	22.08	22.31		22.18	22.18	23.50
20	16QAM	1	0	22.35	22.37		22.36	22.36	23.50
20	16QAM	1	49	22.28	22.37		22.28	22.24	23.50
20	16QAM	1	99	22.42	22.52		22.46	22.36	23.50
20	16QAM	50	0	21.23	21.31		21.28	21.28	22.50
20	16QAM	50	24	21.22	21.34		21.27	21.29	22.50
20	16QAM	50	50	21.21	21.38		21.20	21.22	22.50
20	16QAM	100	0	21.25	21.36		21.25	21.20	22.50
20	64QAM	1	0	21.00	21.08		20.92	20.89	22.50
20	64QAM	1	49	21.00	21.04		21.08	20.93	22.50
20	64QAM	1	99	21.11	21.14		21.10	21.10	22.50
20	64QAM	50	0	20.14	20.38		20.23	20.17	21.50
20	64QAM	50	24	20.29	20.32		20.31	20.33	21.50
20	64QAM	50	50	20.18	20.43		20.27	20.26	21.50
20	64QAM	100	0	20.16	20.40		20.29	20.29	21.50
20	256QAM	1	0	18.04	18.17		18.09	18.03	19.50
20	256QAM	1	49	18.19	18.27		18.23	18.13	19.50
20	256QAM	1	99	18.21	18.31		18.22	18.24	19.50
20	256QAM	50	0	19.13	19.27		19.25	19.28	19.50
20	256QAM	50	24	18.17	18.27		18.15	18.17	19.50
20	256QAM	50	50	18.27	18.42		18.30	18.30	19.50
20	256QAM	100	0	18.22	18.28		18.26	18.25	19.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.13	23.20		23.21	23.10	24.50
15	QPSK	1	37	23.05	23.20		22.97	23.11	24.50
15	QPSK	1	74	23.02	23.12		23.14	23.01	24.50
15	QPSK	36	0	22.18	22.14		22.18	22.07	23.50
15	QPSK	36	20	22.08	22.14		22.11	22.10	23.50
15	QPSK	36	39	22.05	22.21		22.21	22.09	23.50
15	QPSK	75	0	22.03	22.25		22.08	22.06	23.50
15	16QAM	1	0	22.24	22.32		22.34	22.27	23.50
15	16QAM	1	37	22.14	22.23		22.14	22.17	23.50
15	16QAM	1	74	22.31	22.45		22.32	22.24	23.50
15	16QAM	36	0	21.08	21.29		21.26	21.20	22.50
15	16QAM	36	20	21.08	21.20		21.16	21.15	22.50
15	16QAM	36	39	21.06	21.31		21.17	21.19	22.50
15	16QAM	75	0	21.14	21.31		21.12	21.06	22.50
15	64QAM	1	0	20.98	20.96		20.90	20.84	22.50
15	64QAM	1	37	20.87	21.00		21.00	20.80	22.50
15	64QAM	1	74	21.01	20.99		20.96	21.02	22.50
15	64QAM	36	0	20.07	20.25		20.13	20.03	21.50
15	64QAM	36	20	20.22	20.27		20.23	20.25	21.50
15	64QAM	36	39	20.07	20.32		20.25	20.16	21.50
15	64QAM	75	0	20.08	20.39		20.26	20.16	21.50
15	256QAM	1	0	17.98	18.10		18.03	18.01	19.50
15	256QAM	1	37	18.09	18.14		18.13	18.00	19.50
15	256QAM	1	74	18.08	18.30		18.08	18.22	19.50
15	256QAM	36	0	19.02	19.19		19.11	19.25	19.50
15	256QAM	36	20	18.14	18.22		18.14	18.08	19.50
15	256QAM	36	39	18.13	18.37		18.19	18.17	19.50
15	256QAM	75	0	18.13	18.15		18.23	18.18	19.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.15	23.29		23.22	23.21	24.50



10	QPSK	1	25	23.00	23.13		22.98	23.02	24.50
10	QPSK	1	49	22.99	23.20		23.05	23.07	24.50
10	QPSK	25	0	22.07	22.23		22.25	22.14	23.50
10	QPSK	25	12	22.07	22.15		22.17	22.18	23.50
10	QPSK	25	25	22.01	22.20		22.21	21.98	23.50
10	QPSK	50	0	22.05	22.17		22.07	22.17	23.50
10	16QAM	1	0	22.25	22.35		22.28	22.31	23.50
10	16QAM	1	25	22.14	22.28		22.17	22.16	23.50
10	16QAM	1	49	22.38	22.47		22.40	22.25	23.50
10	16QAM	25	0	21.18	21.21		21.22	21.19	22.50
10	16QAM	25	12	21.20	21.25		21.14	21.14	22.50
10	16QAM	25	25	21.15	21.33		21.15	21.20	22.50
10	16QAM	50	0	21.13	21.29		21.19	21.12	22.50
10	64QAM	1	0	20.92	20.95		20.90	20.81	22.50
10	64QAM	1	25	20.86	21.01		21.01	20.91	22.50
10	64QAM	1	49	20.96	21.06		21.03	20.98	22.50
10	64QAM	25	0	20.09	20.34		20.21	20.14	21.50
10	64QAM	25	12	20.20	20.29		20.25	20.19	21.50
10	64QAM	25	25	20.08	20.30		20.23	20.16	21.50
10	64QAM	50	0	20.05	20.32		20.18	20.20	21.50
10	256QAM	1	0	17.97	18.03		18.05	18.00	19.50
10	256QAM	1	25	18.14	18.14		18.21	18.08	19.50
10	256QAM	1	49	18.20	18.20		18.18	18.15	19.50
10	256QAM	25	0	19.03	19.15		19.11	19.20	19.50
10	256QAM	25	12	18.09	18.15		18.09	18.14	19.50
10	256QAM	25	25	18.23	18.35		18.27	18.21	19.50
10	256QAM	50	0	18.08	18.26		18.19	18.19	19.50
Channel				55265	55810	55990	56170	56715	Tune-up
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	limit
5	QPSK	1	0	23.16	23.28		23.17	23.15	24.50
5	QPSK	1	12	23.01	23.19		22.97	23.12	24.50
5	QPSK	1	24	22.96	23.21		23.07	23.02	24.50
5	QPSK	12	0	22.05	22.22		22.26	22.07	23.50
5	QPSK	12	7	22.09	22.19		22.07	22.09	23.50
5	QPSK	12	13	22.01	22.25		22.09	22.01	23.50
5	QPSK	25	0	22.00	22.20		22.03	22.10	23.50
5	16QAM	1	0	22.21	22.33		22.32	22.21	23.50
5	16QAM	1	12	22.24	22.30		22.19	22.18	23.50
5	16QAM	1	24	22.38	22.47		22.45	22.22	23.50
5	16QAM	12	0	21.14	21.21		21.26	21.16	22.50
5	16QAM	12	7	21.11	21.30		21.14	21.22	22.50
5	16QAM	12	13	21.17	21.24		21.07	21.16	22.50
5	16QAM	25	0	21.10	21.33		21.21	21.11	22.50
5	64QAM	1	0	20.91	20.99		20.88	20.81	22.50
5	64QAM	1	12	20.95	20.98		20.96	20.89	22.50
5	64QAM	1	24	21.07	21.10		21.09	21.09	22.50
5	64QAM	12	0	20.04	20.35		20.20	20.07	21.50
5	64QAM	12	7	20.27	20.20		20.26	20.28	21.50
5	64QAM	12	13	20.17	20.34		20.25	20.24	21.50
5	64QAM	25	0	20.08	20.27		20.19	20.23	21.50
5	256QAM	1	0	18.00	18.11		18.00	17.94	19.50
5	256QAM	1	12	18.09	18.16		18.09	18.05	19.50
5	256QAM	1	24	18.06	18.19		18.13	18.19	19.50
5	256QAM	12	0	18.98	19.23		19.21	19.21	19.50
5	256QAM	12	7	18.03	18.17		18.05	18.12	19.50
5	256QAM	12	13	18.16	18.38		18.21	18.25	19.50
5	256QAM	25	0	18.08	18.19		18.16	18.11	19.50

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 9_ECI5】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.77	16.80		16.72	16.71	18.00
20	QPSK	1	49	16.66	16.72		16.59	16.68	18.00
20	QPSK	1	99	16.73	16.75		16.67	16.70	18.00
20	QPSK	50	0	16.71	16.76		16.73	16.75	18.00
20	QPSK	50	24	16.70	16.73		16.64	16.54	18.00
20	QPSK	50	50	16.53	16.68		16.52	16.51	18.00
20	QPSK	100	0	16.58	16.62		16.54	16.53	18.00
20	16QAM	1	0	16.74	16.65		16.63	16.62	18.00



20	16QAM	1	49	16.64	16.69		16.56	16.53	18.00
20	16QAM	1	99	16.63	16.64		16.59	16.62	18.00
20	16QAM	50	0	16.65	16.61		16.58	16.56	18.00
20	16QAM	50	24	16.63	16.63		16.61	16.60	18.00
20	16QAM	50	50	16.58	16.55		16.48	16.56	18.00
20	16QAM	100	0	16.52	16.59		16.48	16.47	18.00
20	64QAM	1	0	16.54	16.55		16.53	16.53	18.00
20	64QAM	1	49	16.44	16.54		16.46	16.39	18.00
20	64QAM	1	99	16.53	16.65		16.48	16.47	18.00
20	64QAM	50	0	16.47	16.53		16.46	16.50	18.00
20	64QAM	50	24	16.59	16.55		16.55	16.47	18.00
20	64QAM	50	50	16.64	16.55		16.50	16.49	18.00
20	64QAM	100	0	16.43	16.54		16.39	16.48	18.00
20	256QAM	1	0	16.48	16.55		16.49	16.44	18.00
20	256QAM	1	49	16.46	16.48		16.38	16.42	18.00
20	256QAM	1	99	16.58	16.56		16.54	16.51	18.00
20	256QAM	50	0	16.57	16.58		16.50	16.55	18.00
20	256QAM	50	24	16.66	16.55		16.50	16.57	18.00
20	256QAM	50	50	16.42	16.49		16.42	16.37	18.00
20	256QAM	100	0	16.53	16.55		16.50	16.51	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.64	16.71		16.59	16.66	18.00
15	QPSK	1	37	16.56	16.63		16.57	16.65	18.00
15	QPSK	1	74	16.72	16.60		16.57	16.63	18.00
15	QPSK	36	0	16.56	16.67		16.71	16.76	18.00
15	QPSK	36	20	16.58	16.71		16.56	16.53	18.00
15	QPSK	36	39	16.46	16.53		16.46	16.42	18.00
15	QPSK	75	0	16.54	16.54		16.45	16.38	18.00
15	16QAM	1	0	16.66	16.59		16.54	16.53	18.00
15	16QAM	1	37	16.62	16.67		16.48	16.42	18.00
15	16QAM	1	74	16.50	16.62		16.56	16.50	18.00
15	16QAM	36	0	16.64	16.59		16.52	16.49	18.00
15	16QAM	36	20	16.50	16.55		16.50	16.48	18.00
15	16QAM	36	39	16.46	16.51		16.37	16.44	18.00
15	16QAM	75	0	16.37	16.54		16.36	16.45	18.00
15	64QAM	1	0	16.41	16.48		16.46	16.44	18.00
15	64QAM	1	37	16.42	16.43		16.45	16.31	18.00
15	64QAM	1	74	16.42	16.55		16.35	16.43	18.00
15	64QAM	36	0	16.41	16.50		16.33	16.44	18.00
15	64QAM	36	20	16.56	16.41		16.44	16.32	18.00
15	64QAM	36	39	16.63	16.53		16.44	16.47	18.00
15	64QAM	75	0	16.35	16.39		16.38	16.34	18.00
15	256QAM	1	0	16.36	16.45		16.42	16.38	18.00
15	256QAM	1	37	16.38	16.39		16.24	16.32	18.00
15	256QAM	1	74	16.44	16.45		16.51	16.49	18.00
15	256QAM	36	0	16.48	16.55		16.45	16.45	18.00
15	256QAM	36	20	16.65	16.49		16.44	16.53	18.00
15	256QAM	36	39	16.38	16.37		16.31	16.34	18.00
15	256QAM	75	0	16.38	16.45		16.48	16.47	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.75	16.69		16.69	16.67	18.00
10	QPSK	1	25	16.52	16.59		16.44	16.60	18.00
10	QPSK	1	49	16.67	16.66		16.53	16.61	18.00
10	QPSK	25	0	16.64	16.69		16.64	16.73	18.00
10	QPSK	25	12	16.55	16.70		16.55	16.51	18.00
10	QPSK	25	25	16.40	16.65		16.41	16.48	18.00
10	QPSK	50	0	16.50	16.61		16.50	16.49	18.00
10	16QAM	1	0	16.59	16.56		16.53	16.55	18.00
10	16QAM	1	25	16.50	16.66		16.48	16.51	18.00
10	16QAM	1	49	16.50	16.54		16.44	16.59	18.00
10	16QAM	25	0	16.59	16.49		16.45	16.47	18.00
10	16QAM	25	12	16.60	16.51		16.52	16.53	18.00
10	16QAM	25	25	16.49	16.52		16.47	16.55	18.00
10	16QAM	50	0	16.48	16.54		16.47	16.40	18.00
10	64QAM	1	0	16.49	16.44		16.49	16.48	18.00
10	64QAM	1	25	16.35	16.51		16.40	16.24	18.00
10	64QAM	1	49	16.47	16.52		16.43	16.37	18.00
10	64QAM	25	0	16.35	16.39		16.44	16.43	18.00
10	64QAM	25	12	16.57	16.47		16.54	16.43	18.00
10	64QAM	25	25	16.56	16.53		16.47	16.34	18.00
10	64QAM	50	0	16.37	16.49		16.28	16.35	18.00
10	256QAM	1	0	16.37	16.44		16.43	16.37	18.00
10	256QAM	1	25	16.34	16.44		16.31	16.30	18.00
10	256QAM	1	49	16.49	16.52		16.43	16.45	18.00

10	256QAM	25	0	16.51	16.53		16.45	16.48	18.00
10	256QAM	25	12	16.54	16.45		16.40	16.53	18.00
10	256QAM	25	25	16.31	16.39		16.31	16.35	18.00
10	256QAM	50	0	16.43	16.50		16.44	16.44	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.74	16.74		16.62	16.60	18.00
5	QPSK	1	12	16.53	16.65		16.47	16.56	18.00
5	QPSK	1	24	16.65	16.66		16.61	16.67	18.00
5	QPSK	12	0	16.62	16.61		16.63	16.68	18.00
5	QPSK	12	7	16.64	16.68		16.49	16.47	18.00
5	QPSK	12	13	16.41	16.56		16.44	16.44	18.00
5	QPSK	25	0	16.50	16.60		16.46	16.48	18.00
5	16QAM	1	0	16.59	16.52		16.55	16.61	18.00
5	16QAM	1	12	16.61	16.60		16.42	16.38	18.00
5	16QAM	1	24	16.56	16.58		16.49	16.60	18.00
5	16QAM	12	0	16.52	16.56		16.47	16.42	18.00
5	16QAM	12	7	16.53	16.55		16.49	16.49	18.00
5	16QAM	12	13	16.50	16.45		16.40	16.47	18.00
5	16QAM	25	0	16.42	16.45		16.36	16.44	18.00
5	64QAM	1	0	16.44	16.51		16.51	16.43	18.00
5	64QAM	1	12	16.34	16.44		16.32	16.33	18.00
5	64QAM	1	24	16.39	16.58		16.39	16.41	18.00
5	64QAM	12	0	16.39	16.48		16.38	16.44	18.00
5	64QAM	12	7	16.50	16.52		16.41	16.39	18.00
5	64QAM	12	13	16.52	16.53		16.48	16.44	18.00
5	64QAM	25	0	16.30	16.52		16.33	16.37	18.00
5	256QAM	1	0	16.38	16.44		16.39	16.32	18.00
5	256QAM	1	12	16.37	16.34		16.29	16.39	18.00
5	256QAM	1	24	16.45	16.47		16.40	16.44	18.00
5	256QAM	12	0	16.54	16.56		16.39	16.43	18.00
5	256QAM	12	7	16.65	16.46		16.35	16.51	18.00
5	256QAM	12	13	16.40	16.35		16.31	16.31	18.00
5	256QAM	25	0	16.49	16.47		16.42	16.39	18.00

【LTE Band 66_Ant 2_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	25.04	25.17	25.03	25.70
20	QPSK	1	49	24.88	25.12	24.85	25.70
20	QPSK	1	99	24.88	25.15	24.90	25.70
20	QPSK	50	0	24.07	24.27	24.07	24.70
20	QPSK	50	24	24.05	24.23	24.02	24.70
20	QPSK	50	50	23.97	24.24	23.96	24.70
20	QPSK	100	0	24.02	24.29	24.06	24.70
20	16QAM	1	0	24.22	24.40	24.19	24.70
20	16QAM	1	49	24.28	24.45	24.17	24.70
20	16QAM	1	99	24.26	24.46	24.20	24.70
20	16QAM	50	0	23.12	23.28	23.11	23.70
20	16QAM	50	24	23.15	23.33	23.19	23.70
20	16QAM	50	50	23.09	23.36	23.20	23.70
20	16QAM	100	0	23.11	23.37	23.18	23.70
20	64QAM	1	0	23.15	23.38	23.23	23.70
20	64QAM	1	49	23.27	23.45	23.28	23.70
20	64QAM	1	99	23.22	23.46	23.30	23.70
20	64QAM	50	0	22.09	22.33	22.16	22.70
20	64QAM	50	24	22.21	22.34	22.07	22.70
20	64QAM	50	50	22.13	22.36	22.09	22.70
20	64QAM	100	0	22.19	22.38	22.15	22.70
20	256QAM	1	0	20.17	20.38	20.19	20.70
20	256QAM	1	49	20.17	20.34	20.18	20.70
20	256QAM	1	99	20.11	20.37	20.19	20.70
20	256QAM	50	0	20.15	20.29	20.04	20.70
20	256QAM	50	24	20.16	20.32	20.18	20.70
20	256QAM	50	50	20.13	20.32	20.16	20.70
20	256QAM	100	0	20.06	20.31	20.09	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.01	25.04	24.98	25.70



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15	QPSK	1	37	24.82	25.09	24.73	25.70
15	QPSK	1	74	24.85	25.06	24.89	25.70
15	QPSK	36	0	23.98	24.17	23.99	24.70
15	QPSK	36	20	24.03	24.14	23.97	24.70
15	QPSK	36	39	23.90	24.15	23.88	24.70
15	QPSK	75	0	23.90	24.17	23.98	24.70
15	16QAM	1	0	24.15	24.35	24.11	24.70
15	16QAM	1	37	24.23	24.33	24.09	24.70
15	16QAM	1	74	24.20	24.37	24.11	24.70
15	16QAM	36	0	23.09	23.26	23.08	23.70
15	16QAM	36	20	23.10	23.29	23.17	23.70
15	16QAM	36	39	23.03	23.33	23.15	23.70
15	16QAM	75	0	22.97	23.32	23.11	23.70
15	64QAM	1	0	23.07	23.34	23.18	23.70
15	64QAM	1	37	23.12	23.35	23.25	23.70
15	64QAM	1	74	23.09	23.33	23.25	23.70
15	64QAM	36	0	22.01	22.26	22.06	22.70
15	64QAM	36	20	22.16	22.30	21.96	22.70
15	64QAM	36	39	22.05	22.29	22.02	22.70
15	64QAM	75	0	22.13	22.33	22.08	22.70
15	256QAM	1	0	20.11	20.33	20.13	20.70
15	256QAM	1	37	20.08	20.29	20.10	20.70
15	256QAM	1	74	19.97	20.26	20.10	20.70
15	256QAM	36	0	20.13	20.17	19.94	20.70
15	256QAM	36	20	20.06	20.28	20.08	20.70
15	256QAM	36	39	20.09	20.20	20.09	20.70
15	256QAM	75	0	19.98	20.19	20.06	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	25.03	25.15	24.93	25.70
10	QPSK	1	25	24.82	25.07	24.84	25.70
10	QPSK	1	49	24.82	25.10	24.85	25.70
10	QPSK	25	0	24.03	24.21	23.98	24.70
10	QPSK	25	12	23.91	24.18	23.93	24.70
10	QPSK	25	25	23.87	24.10	23.89	24.70
10	QPSK	50	0	23.90	24.21	23.97	24.70
10	16QAM	1	0	24.08	24.32	24.07	24.70
10	16QAM	1	25	24.24	24.36	24.04	24.70
10	16QAM	1	49	24.16	24.33	24.09	24.70
10	16QAM	25	0	23.07	23.18	23.01	23.70
10	16QAM	25	12	23.04	23.21	23.06	23.70
10	16QAM	25	25	22.97	23.28	23.16	23.70
10	16QAM	50	0	23.04	23.34	23.11	23.70
10	64QAM	1	0	23.05	23.23	23.08	23.70
10	64QAM	1	25	23.21	23.35	23.27	23.70
10	64QAM	1	49	23.07	23.39	23.25	23.70
10	64QAM	25	0	22.01	22.32	22.14	22.70
10	64QAM	25	12	22.18	22.22	22.03	22.70
10	64QAM	25	25	21.98	22.29	21.98	22.70
10	64QAM	50	0	22.09	22.31	22.10	22.70
10	256QAM	1	0	20.13	20.31	20.10	20.70
10	256QAM	1	25	20.05	20.26	20.04	20.70
10	256QAM	1	49	19.98	20.24	20.17	20.70
10	256QAM	25	0	20.10	20.26	19.92	20.70
10	256QAM	25	12	20.01	20.27	20.05	20.70
10	256QAM	25	25	20.09	20.18	20.08	20.70
10	256QAM	50	0	19.94	20.22	19.99	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.92	25.08	24.90	25.70
5	QPSK	1	12	24.84	24.99	24.72	25.70
5	QPSK	1	24	24.85	25.10	24.83	25.70
5	QPSK	12	0	24.03	24.19	23.92	24.70
5	QPSK	12	7	23.94	24.12	23.87	24.70
5	QPSK	12	13	23.91	24.12	23.93	24.70
5	QPSK	25	0	23.99	24.25	23.95	24.70
5	16QAM	1	0	24.12	24.39	24.06	24.70
5	16QAM	1	12	24.17	24.41	24.08	24.70
5	16QAM	1	24	24.16	24.41	24.17	24.70
5	16QAM	12	0	23.03	23.25	23.09	23.70
5	16QAM	12	7	23.01	23.31	23.17	23.70
5	16QAM	12	13	22.99	23.34	23.09	23.70
5	16QAM	25	0	23.02	23.25	23.04	23.70
5	64QAM	1	0	23.11	23.25	23.16	23.70
5	64QAM	1	12	23.25	23.40	23.15	23.70
5	64QAM	1	24	23.15	23.40	23.29	23.70
5	64QAM	12	0	22.05	22.18	22.09	22.70
5	64QAM	12	7	22.14	22.26	21.98	22.70



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5	64QAM	12	13	22.10	22.23	21.99	22.70
5	64QAM	25	0	22.06	22.27	22.11	22.70
5	256QAM	1	0	20.03	20.35	20.10	20.70
5	256QAM	1	12	20.03	20.22	20.13	20.70
5	256QAM	1	24	20.02	20.33	20.04	20.70
5	256QAM	12	0	20.02	20.28	19.91	20.70
5	256QAM	12	7	20.12	20.18	20.16	20.70
5	256QAM	12	13	20.09	20.21	20.08	20.70
5	256QAM	25	0	20.02	20.18	19.96	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	25.00	25.14	24.94	25.70
3	QPSK	1	8	24.84	25.07	24.82	25.70
3	QPSK	1	14	24.82	25.04	24.85	25.70
3	QPSK	8	0	23.93	24.17	24.06	24.70
3	QPSK	8	4	23.93	24.16	23.95	24.70
3	QPSK	8	7	23.84	24.11	23.92	24.70
3	QPSK	15	0	23.88	24.19	23.98	24.70
3	16QAM	1	0	24.10	24.32	24.07	24.70
3	16QAM	1	8	24.20	24.41	24.14	24.70
3	16QAM	1	14	24.17	24.43	24.10	24.70
3	16QAM	8	0	23.03	23.19	23.05	23.70
3	16QAM	8	4	23.07	23.20	23.11	23.70
3	16QAM	8	7	22.95	23.33	23.05	23.70
3	16QAM	15	0	23.04	23.30	23.07	23.70
3	64QAM	1	0	23.12	23.29	23.20	23.70
3	64QAM	1	8	23.22	23.33	23.18	23.70
3	64QAM	1	14	23.19	23.41	23.21	23.70
3	64QAM	8	0	21.99	22.27	22.06	22.70
3	64QAM	8	4	22.07	22.21	22.05	22.70
3	64QAM	8	7	22.01	22.31	21.98	22.70
3	64QAM	15	0	22.16	22.33	22.10	22.70
3	256QAM	1	0	20.12	20.31	20.12	20.70
3	256QAM	1	8	20.10	20.33	20.12	20.70
3	256QAM	1	14	19.99	20.35	20.09	20.70
3	256QAM	8	0	20.12	20.25	19.99	20.70
3	256QAM	8	4	20.07	20.18	20.06	20.70
3	256QAM	8	7	20.10	20.29	20.04	20.70
3	256QAM	15	0	19.94	20.28	19.96	20.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.90	25.13	24.99	25.70
1.4	QPSK	1	3	24.74	24.97	24.78	25.70
1.4	QPSK	1	5	24.81	25.04	24.83	25.70
1.4	QPSK	3	0	24.93	25.14	24.97	25.70
1.4	QPSK	3	1	24.92	25.11	24.96	25.70
1.4	QPSK	3	3	24.94	25.15	24.85	25.70
1.4	QPSK	6	0	23.88	24.14	23.95	24.70
1.4	16QAM	1	0	24.09	24.27	24.04	24.70
1.4	16QAM	1	3	24.26	24.35	24.11	24.70
1.4	16QAM	1	5	24.14	24.34	24.09	24.70
1.4	16QAM	3	0	23.99	24.23	24.07	24.70
1.4	16QAM	3	1	24.09	24.23	24.07	24.70
1.4	16QAM	3	3	23.96	24.29	24.12	24.70
1.4	16QAM	6	0	23.08	23.22	23.06	23.70
1.4	64QAM	1	0	23.04	23.35	23.11	23.70
1.4	64QAM	1	3	23.24	23.40	23.25	23.70
1.4	64QAM	1	5	23.19	23.45	23.15	23.70
1.4	64QAM	3	0	23.08	23.23	23.12	23.70
1.4	64QAM	3	1	23.13	23.25	22.99	23.70
1.4	64QAM	3	3	23.08	23.28	23.01	23.70
1.4	64QAM	6	0	22.05	22.24	22.04	22.70
1.4	256QAM	1	0	20.12	20.30	20.09	20.70
1.4	256QAM	1	3	20.03	20.29	20.06	20.70
1.4	256QAM	1	5	20.07	20.32	20.06	20.70
1.4	256QAM	3	0	20.06	20.27	20.02	20.70
1.4	256QAM	3	1	20.02	20.25	20.10	20.70
1.4	256QAM	3	3	20.04	20.25	20.06	20.70
1.4	256QAM	6	0	19.97	20.19	20.02	20.70



【LTE Band 66_Ant 2_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.85	24.89	24.83	25.70
20	QPSK	1	49	24.77	24.87	24.71	25.70
20	QPSK	1	99	24.66	24.75	24.67	25.70
20	QPSK	50	0	23.78	23.83	23.71	24.70
20	QPSK	50	24	23.71	23.82	23.67	24.70
20	QPSK	50	50	23.72	23.78	23.67	24.70
20	QPSK	100	0	23.68	23.79	23.60	24.70
20	16QAM	1	0	23.91	23.98	23.86	24.70
20	16QAM	1	49	23.58	23.77	23.65	24.70
20	16QAM	1	99	23.58	23.74	23.62	24.70
20	16QAM	50	0	22.75	22.85	22.67	23.70
20	16QAM	50	24	22.69	22.75	22.62	23.70
20	16QAM	50	50	22.81	22.87	22.79	23.70
20	16QAM	100	0	22.71	22.82	22.70	23.70
20	64QAM	1	0	22.68	22.87	22.80	23.70
20	64QAM	1	49	22.62	22.74	22.64	23.70
20	64QAM	1	99	22.77	22.82	22.65	23.70
20	64QAM	50	0	21.67	21.81	21.69	22.70
20	64QAM	50	24	21.62	21.75	21.61	22.70
20	64QAM	50	50	21.68	21.79	21.66	22.70
20	64QAM	100	0	21.69	21.81	21.67	22.70
20	256QAM	1	0	19.74	19.79	19.73	20.70
20	256QAM	1	49	19.55	19.67	19.56	20.70
20	256QAM	1	99	19.65	19.74	19.57	20.70
20	256QAM	50	0	19.79	19.86	19.66	20.70
20	256QAM	50	24	19.71	19.82	19.74	20.70
20	256QAM	50	50	19.70	19.87	19.77	20.70
20	256QAM	100	0	19.81	19.90	19.77	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.72	24.82	24.75	25.70
15	QPSK	1	37	24.71	24.75	24.67	25.70
15	QPSK	1	74	24.59	24.69	24.53	25.70
15	QPSK	36	0	23.66	23.77	23.65	24.70
15	QPSK	36	20	23.59	23.68	23.62	24.70
15	QPSK	36	39	23.61	23.68	23.53	24.70
15	QPSK	75	0	23.54	23.70	23.55	24.70
15	16QAM	1	0	23.78	23.87	23.78	24.70
15	16QAM	1	37	23.57	23.62	23.59	24.70
15	16QAM	1	74	23.50	23.70	23.51	24.70
15	16QAM	36	0	22.64	22.84	22.56	23.70
15	16QAM	36	20	22.56	22.68	22.52	23.70
15	16QAM	36	39	22.70	22.77	22.71	23.70
15	16QAM	75	0	22.63	22.77	22.66	23.70
15	64QAM	1	0	22.67	22.85	22.70	23.70
15	64QAM	1	37	22.61	22.68	22.62	23.70
15	64QAM	1	74	22.64	22.80	22.56	23.70
15	64QAM	36	0	21.64	21.79	21.57	22.70
15	64QAM	36	20	21.54	21.65	21.56	22.70
15	64QAM	36	39	21.64	21.71	21.61	22.70
15	64QAM	75	0	21.67	21.67	21.54	22.70
15	256QAM	1	0	19.72	19.72	19.60	20.70
15	256QAM	1	37	19.47	19.60	19.55	20.70
15	256QAM	1	74	19.56	19.73	19.43	20.70
15	256QAM	36	0	19.65	19.83	19.55	20.70
15	256QAM	36	20	19.69	19.72	19.68	20.70
15	256QAM	36	39	19.58	19.72	19.63	20.70
15	256QAM	75	0	19.74	19.82	19.69	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.77	24.81	24.78	25.70
10	QPSK	1	25	24.63	24.83	24.68	25.70
10	QPSK	1	49	24.61	24.70	24.55	25.70
10	QPSK	25	0	23.68	23.74	23.69	24.70
10	QPSK	25	12	23.66	23.69	23.63	24.70
10	QPSK	25	25	23.70	23.74	23.58	24.70
10	QPSK	50	0	23.57	23.76	23.53	24.70
10	16QAM	1	0	23.85	23.94	23.78	24.70
10	16QAM	1	25	23.53	23.69	23.57	24.70
10	16QAM	1	49	23.54	23.61	23.57	24.70
10	16QAM	25	0	22.61	22.71	22.56	23.70



10	16QAM	25	12	22.59	22.67	22.59	23.70
10	16QAM	25	25	22.77	22.78	22.65	23.70
10	16QAM	50	0	22.59	22.78	22.69	23.70
10	64QAM	1	0	22.58	22.73	22.69	23.70
10	64QAM	1	25	22.55	22.71	22.56	23.70
10	64QAM	1	49	22.72	22.68	22.52	23.70
10	64QAM	25	0	21.62	21.73	21.56	22.70
10	64QAM	25	12	21.57	21.64	21.48	22.70
10	64QAM	25	25	21.59	21.69	21.61	22.70
10	64QAM	50	0	21.62	21.78	21.54	22.70
10	256QAM	1	0	19.61	19.69	19.59	20.70
10	256QAM	1	25	19.44	19.53	19.46	20.70
10	256QAM	1	49	19.62	19.73	19.46	20.70
10	256QAM	25	0	19.74	19.85	19.61	20.70
10	256QAM	25	12	19.59	19.73	19.67	20.70
10	256QAM	25	25	19.67	19.79	19.66	20.70
10	256QAM	50	0	19.71	19.88	19.69	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.71	24.79	24.73	25.70
5	QPSK	1	12	24.66	24.85	24.67	25.70
5	QPSK	1	24	24.53	24.64	24.58	25.70
5	QPSK	12	0	23.68	23.79	23.57	24.70
5	QPSK	12	7	23.65	23.79	23.59	24.70
5	QPSK	12	13	23.59	23.67	23.63	24.70
5	QPSK	25	0	23.61	23.70	23.48	24.70
5	16QAM	1	0	23.78	23.91	23.71	24.70
5	16QAM	1	12	23.44	23.75	23.59	24.70
5	16QAM	1	24	23.43	23.70	23.60	24.70
5	16QAM	12	0	22.68	22.81	22.66	23.70
5	16QAM	12	7	22.67	22.65	22.58	23.70
5	16QAM	12	13	22.67	22.84	22.73	23.70
5	16QAM	25	0	22.61	22.68	22.63	23.70
5	64QAM	1	0	22.54	22.85	22.73	23.70
5	64QAM	1	12	22.55	22.71	22.51	23.70
5	64QAM	1	24	22.76	22.77	22.50	23.70
5	64QAM	12	0	21.53	21.69	21.64	22.70
5	64QAM	12	7	21.54	21.66	21.59	22.70
5	64QAM	12	13	21.63	21.65	21.59	22.70
5	64QAM	25	0	21.63	21.72	21.54	22.70
5	256QAM	1	0	19.71	19.64	19.70	20.70
5	256QAM	1	12	19.42	19.52	19.53	20.70
5	256QAM	1	24	19.52	19.69	19.52	20.70
5	256QAM	12	0	19.67	19.82	19.53	20.70
5	256QAM	12	7	19.58	19.76	19.62	20.70
5	256QAM	12	13	19.65	19.84	19.71	20.70
5	256QAM	25	0	19.79	19.80	19.71	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.74	24.83	24.81	25.70
3	QPSK	1	8	24.65	24.76	24.68	25.70
3	QPSK	1	14	24.51	24.72	24.56	25.70
3	QPSK	8	0	23.77	23.74	23.65	24.70
3	QPSK	8	4	23.68	23.71	23.64	24.70
3	QPSK	8	7	23.58	23.72	23.59	24.70
3	QPSK	15	0	23.59	23.75	23.46	24.70
3	16QAM	1	0	23.88	23.96	23.81	24.70
3	16QAM	1	8	23.44	23.72	23.54	24.70
3	16QAM	1	14	23.44	23.71	23.49	24.70
3	16QAM	8	0	22.68	22.78	22.60	23.70
3	16QAM	8	4	22.67	22.68	22.50	23.70
3	16QAM	8	7	22.77	22.84	22.69	23.70
3	16QAM	15	0	22.68	22.81	22.67	23.70
3	64QAM	1	0	22.61	22.78	22.79	23.70
3	64QAM	1	8	22.52	22.65	22.59	23.70
3	64QAM	1	14	22.63	22.69	22.60	23.70
3	64QAM	8	0	21.65	21.80	21.62	22.70
3	64QAM	8	4	21.52	21.64	21.56	22.70
3	64QAM	8	7	21.63	21.72	21.60	22.70
3	64QAM	15	0	21.60	21.78	21.53	22.70
3	256QAM	1	0	19.64	19.77	19.63	20.70
3	256QAM	1	8	19.44	19.63	19.52	20.70
3	256QAM	1	14	19.58	19.63	19.52	20.70
3	256QAM	8	0	19.74	19.71	19.58	20.70
3	256QAM	8	4	19.61	19.74	19.73	20.70
3	256QAM	8	7	19.68	19.82	19.74	20.70
3	256QAM	15	0	19.68	19.80	19.67	20.70
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.78	24.85	24.71	25.70
1.4	QPSK	1	3	24.63	24.84	24.61	25.70
1.4	QPSK	1	5	24.56	24.72	24.65	25.70
1.4	QPSK	3	0	24.69	24.74	24.59	25.70
1.4	QPSK	3	1	24.63	24.80	24.59	25.70
1.4	QPSK	3	3	24.70	24.63	24.55	25.70
1.4	QPSK	6	0	23.53	23.70	23.50	24.70
1.4	16QAM	1	0	23.87	23.85	23.74	24.70
1.4	16QAM	1	3	23.52	23.64	23.58	24.70
1.4	16QAM	1	5	23.43	23.66	23.59	24.70
1.4	16QAM	3	0	23.66	23.81	23.64	24.70
1.4	16QAM	3	1	23.60	23.64	23.48	24.70
1.4	16QAM	3	3	23.68	23.76	23.68	24.70
1.4	16QAM	6	0	22.64	22.68	22.60	23.70
1.4	64QAM	1	0	22.59	22.86	22.69	23.70
1.4	64QAM	1	3	22.51	22.62	22.54	23.70
1.4	64QAM	1	5	22.66	22.78	22.61	23.70
1.4	64QAM	3	0	22.57	22.73	22.61	23.70
1.4	64QAM	3	1	22.60	22.69	22.54	23.70
1.4	64QAM	3	3	22.64	22.68	22.64	23.70
1.4	64QAM	6	0	21.68	21.71	21.53	22.70
1.4	256QAM	1	0	19.61	19.69	19.65	20.70
1.4	256QAM	1	3	19.45	19.64	19.55	20.70
1.4	256QAM	1	5	19.59	19.68	19.51	20.70
1.4	256QAM	3	0	19.66	19.78	19.61	20.70
1.4	256QAM	3	1	19.58	19.80	19.67	20.70
1.4	256QAM	3	3	19.59	19.84	19.66	20.70
1.4	256QAM	6	0	19.70	19.88	19.64	20.70

【LTE Band 66_Ant 2_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.07	23.10	23.07	24.00
20	QPSK	1	49	22.86	23.01	22.85	24.00
20	QPSK	1	99	22.95	23.06	22.91	24.00
20	QPSK	50	0	22.01	22.10	22.07	23.00
20	QPSK	50	24	21.90	22.02	21.86	23.00
20	QPSK	50	50	21.97	22.04	21.96	23.00
20	QPSK	100	0	21.93	22.06	21.92	23.00
20	16QAM	1	0	21.91	22.08	22.00	23.00
20	16QAM	1	49	22.00	22.11	22.01	23.00
20	16QAM	1	99	22.09	22.18	22.04	23.00
20	16QAM	50	0	20.96	21.12	20.96	22.00
20	16QAM	50	24	20.98	21.03	20.88	22.00
20	16QAM	50	50	20.87	21.02	20.94	22.00
20	16QAM	100	0	20.89	21.05	21.00	22.00
20	64QAM	1	0	20.83	20.92	20.76	22.00
20	64QAM	1	49	20.97	21.03	20.86	22.00
20	64QAM	1	99	20.99	21.10	20.97	22.00
20	64QAM	50	0	20.02	20.12	20.01	21.00
20	64QAM	50	24	19.96	20.02	19.88	21.00
20	64QAM	50	50	19.88	20.03	19.99	21.00
20	64QAM	100	0	19.99	20.04	19.87	21.00
20	256QAM	1	0	17.76	17.87	17.79	19.00
20	256QAM	1	49	17.82	17.92	17.85	19.00
20	256QAM	1	99	17.76	17.89	17.75	19.00
20	256QAM	50	0	18.00	18.10	18.04	19.00
20	256QAM	50	24	17.89	18.01	17.92	19.00
20	256QAM	50	50	17.81	17.98	17.83	19.00
20	256QAM	100	0	17.85	18.02	17.87	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.00	22.97	22.99	24.00
15	QPSK	1	37	22.79	22.94	22.81	24.00
15	QPSK	1	74	22.82	22.91	22.81	24.00
15	QPSK	36	0	21.84	22.06	21.84	23.00
15	QPSK	36	20	21.76	22.01	21.84	23.00
15	QPSK	36	39	21.86	21.91	21.86	23.00
15	QPSK	75	0	21.83	21.99	21.89	23.00



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15	16QAM	1	0	21.81	21.96	21.92	23.00
15	16QAM	1	37	21.99	22.04	21.88	23.00
15	16QAM	1	74	21.99	22.15	22.00	23.00
15	16QAM	36	0	20.85	20.99	20.81	22.00
15	16QAM	36	20	20.83	21.00	20.85	22.00
15	16QAM	36	39	20.75	20.92	20.83	22.00
15	16QAM	75	0	20.81	20.94	20.97	22.00
15	64QAM	1	0	20.79	20.89	20.72	22.00
15	64QAM	1	37	20.96	21.02	20.72	22.00
15	64QAM	1	74	20.87	20.98	20.94	22.00
15	64QAM	36	0	19.96	19.97	19.87	21.00
15	64QAM	36	20	19.83	19.92	19.79	21.00
15	64QAM	36	39	19.80	20.01	19.94	21.00
15	64QAM	75	0	19.94	20.02	19.74	21.00
15	256QAM	1	0	17.68	17.73	17.73	19.00
15	256QAM	1	37	17.69	17.91	17.81	19.00
15	256QAM	1	74	17.71	17.77	17.63	19.00
15	256QAM	36	0	17.93	18.03	17.94	19.00
15	256QAM	36	20	17.84	17.88	17.78	19.00
15	256QAM	36	39	17.80	17.84	17.69	19.00
15	256QAM	75	0	17.82	17.94	17.86	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.96	23.08	23.03	24.00
10	QPSK	1	25	22.83	22.98	22.76	24.00
10	QPSK	1	49	22.92	23.04	22.85	24.00
10	QPSK	25	0	21.86	22.02	21.84	23.00
10	QPSK	25	12	21.89	21.90	21.79	23.00
10	QPSK	25	25	21.95	21.96	21.84	23.00
10	QPSK	50	0	21.79	22.01	21.87	23.00
10	16QAM	1	0	21.87	21.94	21.91	23.00
10	16QAM	1	25	21.94	22.08	21.98	23.00
10	16QAM	1	49	21.99	22.13	21.99	23.00
10	16QAM	25	0	20.82	21.10	20.87	22.00
10	16QAM	25	12	20.89	21.00	20.87	22.00
10	16QAM	25	25	20.77	20.90	20.80	22.00
10	16QAM	50	0	20.75	20.98	20.97	22.00
10	64QAM	1	0	20.70	20.80	20.74	22.00
10	64QAM	1	25	20.82	20.95	20.82	22.00
10	64QAM	1	49	20.88	21.02	20.90	22.00
10	64QAM	25	0	19.89	19.98	19.95	21.00
10	64QAM	25	12	19.88	19.91	19.76	21.00
10	64QAM	25	25	19.82	19.98	19.94	21.00
10	64QAM	50	0	19.88	19.90	19.81	21.00
10	256QAM	1	0	17.69	17.83	17.65	19.00
10	256QAM	1	25	17.72	17.82	17.75	19.00
10	256QAM	1	49	17.72	17.75	17.62	19.00
10	256QAM	25	0	17.87	17.97	17.98	19.00
10	256QAM	25	12	17.84	17.87	17.79	19.00
10	256QAM	25	25	17.76	17.91	17.75	19.00
10	256QAM	50	0	17.73	17.96	17.84	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.92	23.09	23.05	24.00
5	QPSK	1	12	22.82	22.90	22.79	24.00
5	QPSK	1	24	22.90	22.99	22.81	24.00
5	QPSK	12	0	21.83	22.04	21.89	23.00
5	QPSK	12	7	21.77	21.88	21.75	23.00
5	QPSK	12	13	21.88	22.00	21.92	23.00
5	QPSK	25	0	21.84	21.97	21.79	23.00
5	16QAM	1	0	21.88	22.02	21.95	23.00
5	16QAM	1	12	21.86	22.01	21.88	23.00
5	16QAM	1	24	22.05	22.04	21.93	23.00
5	16QAM	12	0	20.83	21.07	20.85	22.00
5	16QAM	12	7	20.83	21.02	20.82	22.00
5	16QAM	12	13	20.81	20.93	20.80	22.00
5	16QAM	25	0	20.85	21.00	20.97	22.00
5	64QAM	1	0	20.79	20.84	20.70	22.00
5	64QAM	1	12	20.87	21.00	20.81	22.00
5	64QAM	1	24	20.92	21.06	20.88	22.00
5	64QAM	12	0	19.91	19.99	19.99	21.00
5	64QAM	12	7	19.82	19.97	19.84	21.00
5	64QAM	12	13	19.84	19.90	19.90	21.00
5	64QAM	25	0	19.94	19.99	19.77	21.00
5	256QAM	1	0	17.64	17.75	17.75	19.00
5	256QAM	1	12	17.70	17.82	17.84	19.00
5	256QAM	1	24	17.70	17.84	17.68	19.00
5	256QAM	12	0	17.94	18.05	17.93	19.00



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5	256QAM	12	7	17.77	17.89	17.83	19.00
5	256QAM	12	13	17.71	17.87	17.73	19.00
5	256QAM	25	0	17.71	17.96	17.75	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.96	23.08	23.02	24.00
3	QPSK	1	8	22.81	22.88	22.78	24.00
3	QPSK	1	14	22.92	22.92	22.79	24.00
3	QPSK	8	0	21.83	22.08	21.89	23.00
3	QPSK	8	4	21.89	21.96	21.84	23.00
3	QPSK	8	7	21.89	21.91	21.82	23.00
3	QPSK	15	0	21.83	22.01	21.77	23.00
3	16QAM	1	0	21.87	21.99	21.93	23.00
3	16QAM	1	8	21.94	22.01	21.94	23.00
3	16QAM	1	14	22.04	22.17	21.99	23.00
3	16QAM	8	0	20.94	21.02	20.91	22.00
3	16QAM	8	4	20.89	20.90	20.76	22.00
3	16QAM	8	7	20.79	20.89	20.89	22.00
3	16QAM	15	0	20.82	21.00	20.89	22.00
3	64QAM	1	0	20.79	20.87	20.72	22.00
3	64QAM	1	8	20.84	20.91	20.74	22.00
3	64QAM	1	14	20.85	21.03	20.91	22.00
3	64QAM	8	0	19.98	20.03	19.90	21.00
3	64QAM	8	4	19.89	19.90	19.74	21.00
3	64QAM	8	7	19.80	19.96	19.88	21.00
3	64QAM	15	0	19.93	19.95	19.85	21.00
3	256QAM	1	0	17.68	17.86	17.73	19.00
3	256QAM	1	8	17.81	17.81	17.80	19.00
3	256QAM	1	14	17.67	17.74	17.69	19.00
3	256QAM	8	0	17.86	18.02	18.02	19.00
3	256QAM	8	4	17.79	17.92	17.85	19.00
3	256QAM	8	7	17.74	17.89	17.68	19.00
3	256QAM	15	0	17.72	17.88	17.85	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.99	23.04	22.98	24.00
1.4	QPSK	1	3	22.72	22.92	22.72	24.00
1.4	QPSK	1	5	22.83	22.99	22.89	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.86	22.95	22.83	24.00
1.4	QPSK	3	3	22.89	23.01	22.91	24.00
1.4	QPSK	6	0	21.78	21.99	21.89	23.00
1.4	16QAM	1	0	21.89	21.94	21.94	23.00
1.4	16QAM	1	3	21.89	22.04	21.98	23.00
1.4	16QAM	1	5	21.98	22.09	22.00	23.00
1.4	16QAM	3	0	21.94	22.00	21.82	23.00
1.4	16QAM	3	1	21.93	21.91	21.78	23.00
1.4	16QAM	3	3	21.79	21.97	21.80	23.00
1.4	16QAM	6	0	20.87	20.97	20.86	22.00
1.4	64QAM	1	0	20.80	20.78	20.73	22.00
1.4	64QAM	1	3	20.84	20.89	20.75	22.00
1.4	64QAM	1	5	20.92	21.01	20.82	22.00
1.4	64QAM	3	0	20.97	21.08	20.86	22.00
1.4	64QAM	3	1	20.89	20.88	20.73	22.00
1.4	64QAM	3	3	20.83	20.98	20.85	22.00
1.4	64QAM	6	0	19.87	19.96	19.77	21.00
1.4	256QAM	1	0	17.67	17.75	17.76	19.00
1.4	256QAM	1	3	17.78	17.84	17.80	19.00
1.4	256QAM	1	5	17.63	17.76	17.62	19.00
1.4	256QAM	3	0	17.98	17.99	17.98	19.00
1.4	256QAM	3	1	17.86	17.91	17.90	19.00
1.4	256QAM	3	3	17.67	17.92	17.68	19.00
1.4	256QAM	6	0	17.77	17.90	17.75	19.00



【LTE Band 66_Ant 2_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.59	17.64	17.58	18.20
20	QPSK	1	49	17.48	17.60	17.52	18.20
20	QPSK	1	99	17.41	17.58	17.51	18.20
20	QPSK	50	0	17.49	17.60	17.45	18.20
20	QPSK	50	24	17.36	17.55	17.37	18.20
20	QPSK	50	50	17.40	17.51	17.35	18.20
20	QPSK	100	0	17.38	17.53	17.32	18.20
20	16QAM	1	0	17.34	17.48	17.34	18.20
20	16QAM	1	49	17.27	17.46	17.30	18.20
20	16QAM	1	99	17.39	17.50	17.40	18.20
20	16QAM	50	0	17.35	17.52	17.34	18.20
20	16QAM	50	24	17.28	17.47	17.34	18.20
20	16QAM	50	50	17.47	17.55	17.38	18.20
20	16QAM	100	0	17.34	17.40	17.29	18.20
20	64QAM	1	0	17.28	17.42	17.34	18.20
20	64QAM	1	49	17.27	17.41	17.21	18.20
20	64QAM	1	99	17.26	17.36	17.28	18.20
20	64QAM	50	0	17.31	17.42	17.29	18.20
20	64QAM	50	24	17.15	17.32	17.23	18.20
20	64QAM	50	50	17.22	17.40	17.31	18.20
20	64QAM	100	0	17.30	17.48	17.27	18.20
20	256QAM	1	0	17.27	17.37	17.29	18.20
20	256QAM	1	49	17.39	17.49	17.33	18.20
20	256QAM	1	99	17.25	17.38	17.29	18.20
20	256QAM	50	0	17.31	17.43	17.23	18.20
20	256QAM	50	24	17.26	17.37	17.17	18.20
20	256QAM	50	50	17.18	17.33	17.15	18.20
20	256QAM	100	0	17.31	17.45	17.30	18.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.55	17.53	17.49	18.20
15	QPSK	1	37	17.36	17.49	17.38	18.20
15	QPSK	1	74	17.29	17.53	17.40	18.20
15	QPSK	36	0	17.37	17.48	17.31	18.20
15	QPSK	36	20	17.28	17.49	17.29	18.20
15	QPSK	36	39	17.38	17.41	17.32	18.20
15	QPSK	75	0	17.33	17.51	17.18	18.20
15	16QAM	1	0	17.22	17.35	17.30	18.20
15	16QAM	1	37	17.19	17.44	17.19	18.20
15	16QAM	1	74	17.33	17.47	17.37	18.20
15	16QAM	36	0	17.31	17.51	17.19	18.20
15	16QAM	36	20	17.21	17.42	17.27	18.20
15	16QAM	36	39	17.33	17.50	17.30	18.20
15	16QAM	75	0	17.32	17.27	17.19	18.20
15	64QAM	1	0	17.18	17.35	17.32	18.20
15	64QAM	1	37	17.19	17.39	17.13	18.20
15	64QAM	1	74	17.20	17.31	17.22	18.20
15	64QAM	36	0	17.28	17.37	17.19	18.20
15	64QAM	36	20	17.04	17.19	17.10	18.20
15	64QAM	36	39	17.17	17.35	17.28	18.20
15	64QAM	75	0	17.21	17.40	17.18	18.20
15	256QAM	1	0	17.25	17.28	17.17	18.20
15	256QAM	1	37	17.25	17.41	17.29	18.20
15	256QAM	1	74	17.16	17.30	17.23	18.20
15	256QAM	36	0	17.28	17.33	17.16	18.20
15	256QAM	36	20	17.20	17.30	17.08	18.20
15	256QAM	36	39	17.04	17.19	17.02	18.20
15	256QAM	75	0	17.22	17.42	17.18	18.20
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.57	17.53	17.50	18.20
10	QPSK	1	25	17.43	17.46	17.38	18.20
10	QPSK	1	49	17.30	17.46	17.50	18.20
10	QPSK	25	0	17.39	17.50	17.30	18.20
10	QPSK	25	12	17.21	17.49	17.33	18.20
10	QPSK	25	25	17.37	17.39	17.27	18.20
10	QPSK	50	0	17.35	17.42	17.18	18.20
10	16QAM	1	0	17.33	17.41	17.25	18.20
10	16QAM	1	25	17.21	17.34	17.22	18.20
10	16QAM	1	49	17.25	17.42	17.36	18.20
10	16QAM	25	0	17.33	17.42	17.26	18.20



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10	16QAM	25	12	17.25	17.44	17.25	18.20
10	16QAM	25	25	17.33	17.49	17.35	18.20
10	16QAM	50	0	17.27	17.34	17.16	18.20
10	64QAM	1	0	17.15	17.30	17.22	18.20
10	64QAM	1	25	17.16	17.36	17.11	18.20
10	64QAM	1	49	17.14	17.28	17.16	18.20
10	64QAM	25	0	17.20	17.36	17.20	18.20
10	64QAM	25	12	17.04	17.19	17.11	18.20
10	64QAM	25	25	17.08	17.31	17.28	18.20
10	64QAM	50	0	17.28	17.37	17.16	18.20
10	256QAM	1	0	17.14	17.35	17.27	18.20
10	256QAM	1	25	17.31	17.40	17.22	18.20
10	256QAM	1	49	17.18	17.23	17.21	18.20
10	256QAM	25	0	17.29	17.41	17.17	18.20
10	256QAM	25	12	17.21	17.30	17.09	18.20
10	256QAM	25	25	17.07	17.24	17.00	18.20
10	256QAM	50	0	17.26	17.44	17.24	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.47	17.56	17.54	18.20
5	QPSK	1	12	17.34	17.55	17.43	18.20
5	QPSK	1	24	17.36	17.48	17.47	18.20
5	QPSK	12	0	17.45	17.58	17.26	18.20
5	QPSK	12	7	17.31	17.41	17.28	18.20
5	QPSK	12	13	17.31	17.38	17.29	18.20
5	QPSK	25	0	17.29	17.40	17.19	18.20
5	16QAM	1	0	17.22	17.39	17.23	18.20
5	16QAM	1	12	17.16	17.36	17.20	18.20
5	16QAM	1	24	17.29	17.36	17.34	18.20
5	16QAM	12	0	17.21	17.50	17.24	18.20
5	16QAM	12	7	17.21	17.40	17.24	18.20
5	16QAM	12	13	17.35	17.41	17.27	18.20
5	16QAM	25	0	17.31	17.25	17.28	18.20
5	64QAM	1	0	17.21	17.27	17.32	18.20
5	64QAM	1	12	17.19	17.36	17.19	18.20
5	64QAM	1	24	17.16	17.32	17.14	18.20
5	64QAM	12	0	17.26	17.29	17.24	18.20
5	64QAM	12	7	17.10	17.29	17.14	18.20
5	64QAM	12	13	17.15	17.28	17.18	18.20
5	64QAM	25	0	17.22	17.33	17.19	18.20
5	256QAM	1	0	17.15	17.30	17.28	18.20
5	256QAM	1	12	17.27	17.45	17.28	18.20
5	256QAM	1	24	17.14	17.27	17.27	18.20
5	256QAM	12	0	17.19	17.34	17.09	18.20
5	256QAM	12	7	17.12	17.31	17.15	18.20
5	256QAM	12	13	17.09	17.22	17.08	18.20
5	256QAM	25	0	17.26	17.43	17.18	18.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.54	17.59	17.51	18.20
3	QPSK	1	8	17.34	17.58	17.46	18.20
3	QPSK	1	14	17.36	17.51	17.49	18.20
3	QPSK	8	0	17.35	17.54	17.25	18.20
3	QPSK	8	4	17.28	17.43	17.33	18.20
3	QPSK	8	7	17.30	17.38	17.33	18.20
3	QPSK	15	0	17.25	17.48	17.19	18.20
3	16QAM	1	0	17.28	17.40	17.31	18.20
3	16QAM	1	8	17.16	17.35	17.19	18.20
3	16QAM	1	14	17.30	17.47	17.37	18.20
3	16QAM	8	0	17.24	17.47	17.24	18.20
3	16QAM	8	4	17.20	17.46	17.23	18.20
3	16QAM	8	7	17.45	17.41	17.29	18.20
3	16QAM	15	0	17.24	17.25	17.17	18.20
3	64QAM	1	0	17.25	17.39	17.29	18.20
3	64QAM	1	8	17.16	17.29	17.09	18.20
3	64QAM	1	14	17.21	17.33	17.27	18.20
3	64QAM	8	0	17.23	17.36	17.17	18.20
3	64QAM	8	4	17.09	17.17	17.16	18.20
3	64QAM	8	7	17.19	17.37	17.21	18.20
3	64QAM	15	0	17.22	17.43	17.18	18.20
3	256QAM	1	0	17.22	17.35	17.20	18.20
3	256QAM	1	8	17.33	17.46	17.27	18.20
3	256QAM	1	14	17.16	17.25	17.22	18.20
3	256QAM	8	0	17.27	17.34	17.15	18.20
3	256QAM	8	4	17.12	17.28	17.13	18.20
3	256QAM	8	7	17.05	17.31	17.14	18.20
3	256QAM	15	0	17.18	17.40	17.25	18.20
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.48	17.53	17.44	18.20
1.4	QPSK	1	3	17.38	17.59	17.42	18.20
1.4	QPSK	1	5	17.31	17.46	17.47	18.20
1.4	QPSK	3	0	17.42	17.48	17.32	18.20
1.4	QPSK	3	1	17.23	17.48	17.34	18.20
1.4	QPSK	3	3	17.30	17.37	17.32	18.20
1.4	QPSK	6	0	17.33	17.47	17.27	18.20
1.4	16QAM	1	0	17.26	17.47	17.33	18.20
1.4	16QAM	1	3	17.16	17.40	17.16	18.20
1.4	16QAM	1	5	17.25	17.41	17.33	18.20
1.4	16QAM	3	0	17.25	17.43	17.27	18.20
1.4	16QAM	3	1	17.15	17.37	17.29	18.20
1.4	16QAM	3	3	17.37	17.42	17.34	18.20
1.4	16QAM	6	0	17.33	17.27	17.21	18.20
1.4	64QAM	1	0	17.26	17.35	17.27	18.20
1.4	64QAM	1	3	17.19	17.30	17.12	18.20
1.4	64QAM	1	5	17.19	17.21	17.25	18.20
1.4	64QAM	3	0	17.22	17.30	17.15	18.20
1.4	64QAM	3	1	17.04	17.30	17.17	18.20
1.4	64QAM	3	3	17.15	17.38	17.23	18.20
1.4	64QAM	6	0	17.26	17.38	17.17	18.20
1.4	256QAM	1	0	17.17	17.24	17.21	18.20
1.4	256QAM	1	3	17.28	17.38	17.19	18.20
1.4	256QAM	1	5	17.21	17.24	17.21	18.20
1.4	256QAM	3	0	17.28	17.42	17.15	18.20
1.4	256QAM	3	1	17.17	17.26	17.10	18.20
1.4	256QAM	3	3	17.05	17.29	17.09	18.20
1.4	256QAM	6	0	17.26	17.39	17.18	18.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.53	17.60	17.58	18.20
20	QPSK	1	49	17.10	17.27	17.07	18.20
20	QPSK	1	99	17.09	17.22	17.04	18.20
20	QPSK	50	0	17.24	17.31	17.29	18.20
20	QPSK	50	24	17.07	17.28	17.15	18.20
20	QPSK	50	50	17.05	17.17	17.06	18.20
20	QPSK	100	0	17.05	17.13	17.04	18.20
20	16QAM	1	0	17.06	17.18	16.97	18.20
20	16QAM	1	49	17.12	17.27	17.07	18.20
20	16QAM	1	99	17.06	17.21	17.10	18.20
20	16QAM	50	0	17.12	17.20	17.00	18.20
20	16QAM	50	24	17.00	17.15	17.04	18.20
20	16QAM	50	50	17.03	17.17	17.00	18.20
20	16QAM	100	0	17.06	17.23	17.12	18.20
20	64QAM	1	0	17.03	17.16	17.07	18.20
20	64QAM	1	49	17.07	17.23	17.06	18.20
20	64QAM	1	99	17.12	17.25	17.10	18.20
20	64QAM	50	0	17.12	17.23	17.08	18.20
20	64QAM	50	24	17.10	17.26	17.06	18.20
20	64QAM	50	50	17.06	17.15	17.02	18.20
20	64QAM	100	0	17.15	17.25	17.15	18.20
20	256QAM	1	0	17.07	17.19	17.11	18.20
20	256QAM	1	49	17.10	17.18	17.02	18.20
20	256QAM	1	99	17.10	17.23	17.05	18.20
20	256QAM	50	0	17.19	17.40	17.26	18.20
20	256QAM	50	24	17.19	17.27	17.16	18.20
20	256QAM	50	50	17.00	17.22	17.03	18.20
20	256QAM	100	0	17.06	17.19	17.11	18.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.27	17.37	17.22	18.20
15	QPSK	1	37	16.96	17.17	17.03	18.20
15	QPSK	1	74	17.02	17.19	16.93	18.20
15	QPSK	36	0	17.19	17.23	17.28	18.20
15	QPSK	36	20	17.00	17.15	17.13	18.20
15	QPSK	36	39	17.03	17.08	17.00	18.20
15	QPSK	75	0	16.98	17.01	16.90	18.20



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15	16QAM	1	0	17.04	17.13	16.87	18.20
15	16QAM	1	37	17.04	17.12	17.05	18.20
15	16QAM	1	74	16.97	17.13	17.08	18.20
15	16QAM	36	0	17.04	17.08	16.96	18.20
15	16QAM	36	20	16.87	17.13	16.91	18.20
15	16QAM	36	39	16.93	17.14	16.91	18.20
15	16QAM	75	0	16.97	17.14	17.05	18.20
15	64QAM	1	0	16.96	17.13	16.92	18.20
15	64QAM	1	37	17.02	17.11	17.00	18.20
15	64QAM	1	74	17.01	17.17	17.06	18.20
15	64QAM	36	0	17.00	17.11	16.96	18.20
15	64QAM	36	20	17.05	17.24	16.95	18.20
15	64QAM	36	39	16.93	17.04	17.00	18.20
15	64QAM	75	0	17.08	17.10	17.13	18.20
15	256QAM	1	0	16.95	17.16	17.08	18.20
15	256QAM	1	37	16.98	17.04	16.98	18.20
15	256QAM	1	74	16.96	17.17	16.94	18.20
15	256QAM	36	0	17.08	17.30	17.23	18.20
15	256QAM	36	20	17.08	17.17	17.07	18.20
15	256QAM	36	39	16.88	17.10	16.99	18.20
15	256QAM	75	0	16.93	17.10	16.99	18.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.30	17.28	17.20	18.20
10	QPSK	1	25	17.06	17.15	16.97	18.20
10	QPSK	1	49	16.94	17.18	17.03	18.20
10	QPSK	25	0	17.18	17.25	17.22	18.20
10	QPSK	25	12	17.06	17.25	17.08	18.20
10	QPSK	25	25	16.99	17.15	16.93	18.20
10	QPSK	50	0	17.00	17.07	16.97	18.20
10	16QAM	1	0	16.99	17.03	16.88	18.20
10	16QAM	1	25	17.03	17.22	17.03	18.20
10	16QAM	1	49	17.01	17.14	17.05	18.20
10	16QAM	25	0	17.10	17.09	16.90	18.20
10	16QAM	25	12	16.92	17.09	16.99	18.20
10	16QAM	25	25	17.01	17.14	16.85	18.20
10	16QAM	50	0	16.99	17.12	17.11	18.20
10	64QAM	1	0	16.98	17.03	17.04	18.20
10	64QAM	1	25	17.04	17.17	17.02	18.20
10	64QAM	1	49	17.03	17.17	17.01	18.20
10	64QAM	25	0	16.98	17.17	17.07	18.20
10	64QAM	25	12	16.96	17.15	16.97	18.20
10	64QAM	25	25	17.02	17.09	16.92	18.20
10	64QAM	50	0	17.11	17.22	17.11	18.20
10	256QAM	1	0	17.04	17.12	17.08	18.20
10	256QAM	1	25	17.07	17.11	16.92	18.20
10	256QAM	1	49	17.01	17.16	16.98	18.20
10	256QAM	25	0	17.05	17.25	17.22	18.20
10	256QAM	25	12	17.15	17.23	17.03	18.20
10	256QAM	25	25	16.95	17.16	16.95	18.20
10	256QAM	50	0	17.00	17.08	17.03	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.25	17.34	17.32	18.20
5	QPSK	1	12	16.97	17.16	16.94	18.20
5	QPSK	1	24	17.02	17.14	16.90	18.20
5	QPSK	12	0	17.14	17.21	17.17	18.20
5	QPSK	12	7	16.93	17.15	17.06	18.20
5	QPSK	12	13	16.91	17.10	17.01	18.20
5	QPSK	25	0	16.98	17.11	16.99	18.20
5	16QAM	1	0	17.00	17.05	16.83	18.20
5	16QAM	1	12	17.06	17.19	17.01	18.20
5	16QAM	1	24	16.93	17.10	16.97	18.20
5	16QAM	12	0	17.07	17.14	16.87	18.20
5	16QAM	12	7	16.88	17.09	17.01	18.20
5	16QAM	12	13	16.98	17.07	16.98	18.20
5	16QAM	25	0	17.04	17.19	17.02	18.20
5	64QAM	1	0	17.01	17.05	16.99	18.20
5	64QAM	1	12	17.03	17.10	16.96	18.20
5	64QAM	1	24	16.98	17.16	16.97	18.20
5	64QAM	12	0	17.10	17.14	16.93	18.20
5	64QAM	12	7	16.96	17.15	16.98	18.20
5	64QAM	12	13	16.92	17.12	16.93	18.20
5	64QAM	25	0	17.11	17.20	17.01	18.20
5	256QAM	1	0	16.93	17.17	16.98	18.20
5	256QAM	1	12	17.09	17.13	16.93	18.20
5	256QAM	1	24	17.08	17.13	16.96	18.20
5	256QAM	12	0	17.18	17.31	17.18	18.20



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5	256QAM	12	7	17.15	17.26	17.09	18.20
5	256QAM	12	13	16.92	17.10	17.00	18.20
5	256QAM	25	0	16.95	17.11	17.00	18.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.19	17.33	17.24	18.20
3	QPSK	1	8	17.03	17.15	17.00	18.20
3	QPSK	1	14	17.06	17.07	16.95	18.20
3	QPSK	8	0	17.19	17.27	17.19	18.20
3	QPSK	8	4	16.98	17.17	17.07	18.20
3	QPSK	8	7	16.92	17.02	17.03	18.20
3	QPSK	15	0	17.02	17.04	16.92	18.20
3	16QAM	1	0	16.93	17.09	16.87	18.20
3	16QAM	1	8	17.02	17.16	16.93	18.20
3	16QAM	1	14	16.92	17.20	17.01	18.20
3	16QAM	8	0	17.06	17.17	16.98	18.20
3	16QAM	8	4	16.97	17.13	16.94	18.20
3	16QAM	8	7	16.94	17.04	16.95	18.20
3	16QAM	15	0	17.02	17.14	17.05	18.20
3	64QAM	1	0	16.95	17.13	16.99	18.20
3	64QAM	1	8	16.93	17.22	16.93	18.20
3	64QAM	1	14	17.08	17.14	17.00	18.20
3	64QAM	8	0	17.02	17.09	17.03	18.20
3	64QAM	8	4	17.09	17.19	17.04	18.20
3	64QAM	8	7	16.92	17.06	16.95	18.20
3	64QAM	15	0	17.02	17.17	17.05	18.20
3	256QAM	1	0	16.93	17.11	17.02	18.20
3	256QAM	1	8	16.95	17.17	16.99	18.20
3	256QAM	1	14	17.03	17.14	16.94	18.20
3	256QAM	8	0	17.17	17.29	17.14	18.20
3	256QAM	8	4	17.10	17.12	17.11	18.20
3	256QAM	8	7	16.99	17.11	16.93	18.20
3	256QAM	15	0	16.94	17.08	17.03	18.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.22	17.33	17.25	18.20
1.4	QPSK	1	3	17.02	17.16	16.98	18.20
1.4	QPSK	1	5	17.08	17.11	16.95	18.20
1.4	QPSK	3	0	17.13	17.23	17.21	18.20
1.4	QPSK	3	1	17.06	17.25	17.12	18.20
1.4	QPSK	3	3	17.04	17.08	16.95	18.20
1.4	QPSK	6	0	16.94	17.08	16.99	18.20
1.4	16QAM	1	0	17.04	17.06	16.85	18.20
1.4	16QAM	1	3	17.07	17.22	17.01	18.20
1.4	16QAM	1	5	17.04	17.18	17.01	18.20
1.4	16QAM	3	0	17.01	17.11	16.85	18.20
1.4	16QAM	3	1	16.94	17.05	16.90	18.20
1.4	16QAM	3	3	17.01	17.10	16.97	18.20
1.4	16QAM	6	0	16.97	17.12	17.09	18.20
1.4	64QAM	1	0	16.99	17.11	16.93	18.20
1.4	64QAM	1	3	16.98	17.17	16.99	18.20
1.4	64QAM	1	5	17.00	17.14	16.95	18.20
1.4	64QAM	3	0	17.06	17.17	17.01	18.20
1.4	64QAM	3	1	16.96	17.24	16.95	18.20
1.4	64QAM	3	3	17.00	17.14	16.94	18.20
1.4	64QAM	6	0	17.02	17.18	17.05	18.20
1.4	256QAM	1	0	17.03	17.10	16.98	18.20
1.4	256QAM	1	3	16.98	17.14	16.92	18.20
1.4	256QAM	1	5	17.04	17.13	16.90	18.20
1.4	256QAM	3	0	17.16	17.27	17.14	18.20
1.4	256QAM	3	1	17.13	17.15	17.14	18.20
1.4	256QAM	3	3	16.94	17.14	16.94	18.20
1.4	256QAM	6	0	16.93	17.16	17.05	18.20

**【LTE Band 66_Ant 2_ECI1-2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.63	17.67	17.65	18.50
20	QPSK	1	49	17.33	17.50	17.43	18.50
20	QPSK	1	99	17.30	17.48	17.34	18.50
20	QPSK	50	0	17.51	17.54	17.49	18.50
20	QPSK	50	24	17.36	17.53	17.50	18.50
20	QPSK	50	50	17.34	17.42	17.32	18.50
20	QPSK	100	0	17.36	17.43	17.36	18.50
20	16QAM	1	0	17.48	17.55	17.49	18.50
20	16QAM	1	49	17.42	17.48	17.37	18.50
20	16QAM	1	99	17.37	17.48	17.38	18.50
20	16QAM	50	0	17.26	17.45	17.32	18.50
20	16QAM	50	24	17.38	17.53	17.50	18.50
20	16QAM	50	50	17.38	17.44	17.37	18.50
20	16QAM	100	0	17.38	17.56	17.52	18.50
20	64QAM	1	0	17.36	17.46	17.38	18.50
20	64QAM	1	49	17.30	17.48	17.43	18.50
20	64QAM	1	99	17.38	17.51	17.44	18.50
20	64QAM	50	0	17.41	17.53	17.45	18.50
20	64QAM	50	24	17.42	17.48	17.33	18.50
20	64QAM	50	50	17.30	17.46	17.41	18.50
20	64QAM	100	0	17.39	17.48	17.37	18.50
20	256QAM	1	0	17.32	17.43	17.36	18.50
20	256QAM	1	49	17.48	17.55	17.49	18.50
20	256QAM	1	99	17.43	17.56	17.45	18.50
20	256QAM	50	0	17.53	17.67	17.63	18.50
20	256QAM	50	24	17.36	17.50	17.47	18.50
20	256QAM	50	50	17.37	17.48	17.36	18.50
20	256QAM	100	0	17.47	17.54	17.41	18.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.55	17.65	17.62	18.50
15	QPSK	1	37	17.19	17.46	17.35	18.50
15	QPSK	1	74	17.19	17.40	17.27	18.50
15	QPSK	36	0	17.48	17.44	17.35	18.50
15	QPSK	36	20	17.28	17.45	17.38	18.50
15	QPSK	36	39	17.29	17.29	17.22	18.50
15	QPSK	75	0	17.32	17.32	17.28	18.50
15	16QAM	1	0	17.44	17.49	17.43	18.50
15	16QAM	1	37	17.28	17.40	17.24	18.50
15	16QAM	1	74	17.34	17.47	17.28	18.50
15	16QAM	36	0	17.15	17.32	17.29	18.50
15	16QAM	36	20	17.28	17.47	17.48	18.50
15	16QAM	36	39	17.32	17.32	17.24	18.50
15	16QAM	75	0	17.32	17.54	17.51	18.50
15	64QAM	1	0	17.25	17.38	17.37	18.50
15	64QAM	1	37	17.29	17.45	17.31	18.50
15	64QAM	1	74	17.27	17.42	17.31	18.50
15	64QAM	36	0	17.28	17.50	17.39	18.50
15	64QAM	36	20	17.36	17.40	17.21	18.50
15	64QAM	36	39	17.22	17.31	17.28	18.50
15	64QAM	75	0	17.36	17.45	17.34	18.50
15	256QAM	1	0	17.24	17.31	17.34	18.50
15	256QAM	1	37	17.41	17.52	17.46	18.50
15	256QAM	1	74	17.39	17.51	17.31	18.50
15	256QAM	36	0	17.49	17.56	17.57	18.50
15	256QAM	36	20	17.22	17.35	17.33	18.50
15	256QAM	36	39	17.24	17.38	17.26	18.50
15	256QAM	75	0	17.45	17.40	17.32	18.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.58	17.53	17.55	18.50
10	QPSK	1	25	17.29	17.46	17.34	18.50
10	QPSK	1	49	17.18	17.42	17.26	18.50
10	QPSK	25	0	17.47	17.39	17.34	18.50
10	QPSK	25	12	17.30	17.43	17.47	18.50
10	QPSK	25	25	17.33	17.36	17.19	18.50
10	QPSK	50	0	17.30	17.29	17.32	18.50
10	16QAM	1	0	17.37	17.47	17.40	18.50
10	16QAM	1	25	17.37	17.35	17.34	18.50
10	16QAM	1	49	17.27	17.45	17.36	18.50
10	16QAM	25	0	17.13	17.42	17.21	18.50



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10	16QAM	25	12	17.34	17.49	17.47	18.50
10	16QAM	25	25	17.23	17.38	17.23	18.50
10	16QAM	50	0	17.31	17.47	17.49	18.50
10	64QAM	1	0	17.27	17.39	17.36	18.50
10	64QAM	1	25	17.26	17.43	17.35	18.50
10	64QAM	1	49	17.29	17.40	17.31	18.50
10	64QAM	25	0	17.34	17.52	17.36	18.50
10	64QAM	25	12	17.28	17.43	17.30	18.50
10	64QAM	25	25	17.28	17.44	17.27	18.50
10	64QAM	50	0	17.33	17.37	17.35	18.50
10	256QAM	1	0	17.27	17.30	17.29	18.50
10	256QAM	1	25	17.39	17.50	17.35	18.50
10	256QAM	1	49	17.40	17.46	17.38	18.50
10	256QAM	25	0	17.44	17.56	17.57	18.50
10	256QAM	25	12	17.32	17.43	17.44	18.50
10	256QAM	25	25	17.28	17.45	17.30	18.50
10	256QAM	50	0	17.37	17.52	17.34	18.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.54	17.61	17.60	18.50
5	QPSK	1	12	17.21	17.36	17.36	18.50
5	QPSK	1	24	17.27	17.39	17.20	18.50
5	QPSK	12	0	17.42	17.47	17.44	18.50
5	QPSK	12	7	17.27	17.43	17.46	18.50
5	QPSK	12	13	17.24	17.29	17.30	18.50
5	QPSK	25	0	17.26	17.30	17.34	18.50
5	16QAM	1	0	17.42	17.54	17.42	18.50
5	16QAM	1	12	17.35	17.42	17.35	18.50
5	16QAM	1	24	17.33	17.46	17.26	18.50
5	16QAM	12	0	17.17	17.32	17.27	18.50
5	16QAM	12	7	17.36	17.43	17.37	18.50
5	16QAM	12	13	17.24	17.39	17.34	18.50
5	16QAM	25	0	17.34	17.44	17.45	18.50
5	64QAM	1	0	17.35	17.31	17.31	18.50
5	64QAM	1	12	17.20	17.36	17.37	18.50
5	64QAM	1	24	17.36	17.41	17.33	18.50
5	64QAM	12	0	17.32	17.52	17.33	18.50
5	64QAM	12	7	17.39	17.43	17.30	18.50
5	64QAM	12	13	17.20	17.41	17.29	18.50
5	64QAM	25	0	17.27	17.44	17.28	18.50
5	256QAM	1	0	17.18	17.40	17.25	18.50
5	256QAM	1	12	17.34	17.49	17.43	18.50
5	256QAM	1	24	17.30	17.42	17.37	18.50
5	256QAM	12	0	17.52	17.53	17.53	18.50
5	256QAM	12	7	17.31	17.49	17.41	18.50
5	256QAM	12	13	17.24	17.40	17.22	18.50
5	256QAM	25	0	17.35	17.47	17.36	18.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.54	17.59	17.62	18.50
3	QPSK	1	8	17.30	17.46	17.35	18.50
3	QPSK	1	14	17.25	17.47	17.20	18.50
3	QPSK	8	0	17.38	17.41	17.46	18.50
3	QPSK	8	4	17.34	17.46	17.46	18.50
3	QPSK	8	7	17.25	17.39	17.24	18.50
3	QPSK	15	0	17.24	17.42	17.22	18.50
3	16QAM	1	0	17.44	17.41	17.38	18.50
3	16QAM	1	8	17.40	17.38	17.35	18.50
3	16QAM	1	14	17.33	17.36	17.34	18.50
3	16QAM	8	0	17.12	17.32	17.29	18.50
3	16QAM	8	4	17.34	17.40	17.37	18.50
3	16QAM	8	7	17.32	17.33	17.25	18.50
3	16QAM	15	0	17.26	17.49	17.46	18.50
3	64QAM	1	0	17.25	17.33	17.31	18.50
3	64QAM	1	8	17.17	17.33	17.30	18.50
3	64QAM	1	14	17.37	17.48	17.33	18.50
3	64QAM	8	0	17.31	17.49	17.40	18.50
3	64QAM	8	4	17.40	17.38	17.30	18.50
3	64QAM	8	7	17.23	17.34	17.26	18.50
3	64QAM	15	0	17.33	17.47	17.31	18.50
3	256QAM	1	0	17.29	17.36	17.29	18.50
3	256QAM	1	8	17.39	17.53	17.35	18.50
3	256QAM	1	14	17.41	17.51	17.41	18.50
3	256QAM	8	0	17.44	17.66	17.49	18.50
3	256QAM	8	4	17.23	17.37	17.45	18.50
3	256QAM	8	7	17.27	17.38	17.28	18.50
3	256QAM	15	0	17.38	17.53	17.32	18.50
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.56	17.58	17.55	18.50
1.4	QPSK	1	3	17.20	17.38	17.35	18.50
1.4	QPSK	1	5	17.17	17.41	17.27	18.50
1.4	QPSK	3	0	17.38	17.47	17.38	18.50
1.4	QPSK	3	1	17.30	17.41	17.42	18.50
1.4	QPSK	3	3	17.21	17.33	17.24	18.50
1.4	QPSK	6	0	17.23	17.38	17.25	18.50
1.4	16QAM	1	0	17.36	17.52	17.45	18.50
1.4	16QAM	1	3	17.36	17.43	17.25	18.50
1.4	16QAM	1	5	17.29	17.36	17.31	18.50
1.4	16QAM	3	0	17.15	17.43	17.22	18.50
1.4	16QAM	3	1	17.24	17.48	17.36	18.50
1.4	16QAM	3	3	17.26	17.34	17.23	18.50
1.4	16QAM	6	0	17.28	17.49	17.45	18.50
1.4	64QAM	1	0	17.31	17.33	17.34	18.50
1.4	64QAM	1	3	17.22	17.38	17.37	18.50
1.4	64QAM	1	5	17.34	17.49	17.37	18.50
1.4	64QAM	3	0	17.31	17.50	17.30	18.50
1.4	64QAM	3	1	17.29	17.34	17.32	18.50
1.4	64QAM	3	3	17.19	17.36	17.38	18.50
1.4	64QAM	6	0	17.34	17.37	17.23	18.50
1.4	256QAM	1	0	17.29	17.40	17.30	18.50
1.4	256QAM	1	3	17.47	17.51	17.34	18.50
1.4	256QAM	1	5	17.41	17.52	17.38	18.50
1.4	256QAM	3	0	17.52	17.59	17.49	18.50
1.4	256QAM	3	1	17.33	17.39	17.33	18.50
1.4	256QAM	3	3	17.25	17.38	17.22	18.50
1.4	256QAM	6	0	17.37	17.52	17.27	18.50

【LTE Band 66_Ant 2_ECI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.03	19.04	19.02	19.70
20	QPSK	1	49	18.84	18.90	18.75	19.70
20	QPSK	1	99	18.83	18.96	18.83	19.70
20	QPSK	50	0	18.99	19.03	18.98	19.70
20	QPSK	50	24	18.86	18.89	18.77	19.70
20	QPSK	50	50	18.84	18.93	18.89	19.70
20	QPSK	100	0	18.94	19.00	18.91	19.70
20	16QAM	1	0	18.78	18.81	18.78	19.70
20	16QAM	1	49	18.70	18.82	18.70	19.70
20	16QAM	1	99	18.79	18.85	18.68	19.70
20	16QAM	50	0	18.83	18.88	18.74	19.70
20	16QAM	50	24	18.78	18.91	18.82	19.70
20	16QAM	50	50	18.70	18.81	18.74	19.70
20	16QAM	100	0	18.76	18.79	18.74	19.70
20	64QAM	1	0	18.75	18.87	18.73	19.70
20	64QAM	1	49	18.66	18.78	18.73	19.70
20	64QAM	1	99	18.69	18.83	18.72	19.70
20	64QAM	50	0	18.79	18.84	18.81	19.70
20	64QAM	50	24	18.84	18.91	18.85	19.70
20	64QAM	50	50	18.70	18.79	18.74	19.70
20	64QAM	100	0	18.84	18.92	18.87	19.70
20	256QAM	1	0	18.65	18.80	18.65	19.70
20	256QAM	1	49	18.68	18.78	18.66	19.70
20	256QAM	1	99	18.72	18.84	18.71	19.70
20	256QAM	50	0	18.70	18.84	18.76	19.70
20	256QAM	50	24	18.70	18.78	18.74	19.70
20	256QAM	50	50	18.72	18.84	18.69	19.70
20	256QAM	100	0	18.64	18.77	18.63	19.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.88	18.99	18.94	19.70
15	QPSK	1	37	18.77	18.88	18.73	19.70
15	QPSK	1	74	18.79	18.88	18.69	19.70
15	QPSK	36	0	18.93	18.92	18.87	19.70
15	QPSK	36	20	18.79	18.87	18.66	19.70
15	QPSK	36	39	18.70	18.89	18.77	19.70
15	QPSK	75	0	18.85	18.96	18.87	19.70



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15	16QAM	1	0	18.72	18.80	18.67	19.70
15	16QAM	1	37	18.63	18.80	18.61	19.70
15	16QAM	1	74	18.74	18.75	18.66	19.70
15	16QAM	36	0	18.81	18.77	18.59	19.70
15	16QAM	36	20	18.68	18.81	18.69	19.70
15	16QAM	36	39	18.65	18.70	18.69	19.70
15	16QAM	75	0	18.64	18.67	18.72	19.70
15	64QAM	1	0	18.61	18.73	18.65	19.70
15	64QAM	1	37	18.65	18.75	18.65	19.70
15	64QAM	1	74	18.55	18.82	18.65	19.70
15	64QAM	36	0	18.75	18.75	18.75	19.70
15	64QAM	36	20	18.79	18.90	18.80	19.70
15	64QAM	36	39	18.57	18.65	18.64	19.70
15	64QAM	75	0	18.81	18.90	18.78	19.70
15	256QAM	1	0	18.56	18.66	18.54	19.70
15	256QAM	1	37	18.64	18.75	18.65	19.70
15	256QAM	1	74	18.67	18.74	18.59	19.70
15	256QAM	36	0	18.67	18.71	18.73	19.70
15	256QAM	36	20	18.63	18.76	18.66	19.70
15	256QAM	36	39	18.67	18.73	18.61	19.70
15	256QAM	75	0	18.52	18.71	18.53	19.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.90	18.91	18.89	19.70
10	QPSK	1	25	18.80	18.84	18.67	19.70
10	QPSK	1	49	18.74	18.92	18.71	19.70
10	QPSK	25	0	18.91	18.92	18.94	19.70
10	QPSK	25	12	18.84	18.85	18.75	19.70
10	QPSK	25	25	18.82	18.88	18.75	19.70
10	QPSK	50	0	18.91	18.87	18.88	19.70
10	16QAM	1	0	18.76	18.74	18.76	19.70
10	16QAM	1	25	18.64	18.80	18.66	19.70
10	16QAM	1	49	18.75	18.77	18.64	19.70
10	16QAM	25	0	18.69	18.79	18.70	19.70
10	16QAM	25	12	18.69	18.87	18.75	19.70
10	16QAM	25	25	18.58	18.72	18.63	19.70
10	16QAM	50	0	18.73	18.76	18.60	19.70
10	64QAM	1	0	18.71	18.82	18.60	19.70
10	64QAM	1	25	18.51	18.69	18.64	19.70
10	64QAM	1	49	18.62	18.68	18.57	19.70
10	64QAM	25	0	18.67	18.76	18.74	19.70
10	64QAM	25	12	18.83	18.77	18.82	19.70
10	64QAM	25	25	18.55	18.65	18.61	19.70
10	64QAM	50	0	18.81	18.82	18.79	19.70
10	256QAM	1	0	18.63	18.69	18.61	19.70
10	256QAM	1	25	18.66	18.74	18.62	19.70
10	256QAM	1	49	18.58	18.72	18.64	19.70
10	256QAM	25	0	18.65	18.73	18.72	19.70
10	256QAM	25	12	18.60	18.63	18.61	19.70
10	256QAM	25	25	18.69	18.82	18.59	19.70
10	256QAM	50	0	18.56	18.69	18.50	19.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.88	19.03	18.88	19.70
5	QPSK	1	12	18.75	18.77	18.62	19.70
5	QPSK	1	24	18.75	18.93	18.73	19.70
5	QPSK	12	0	18.92	18.89	18.88	19.70
5	QPSK	12	7	18.80	18.78	18.73	19.70
5	QPSK	12	13	18.74	18.79	18.87	19.70
5	QPSK	25	0	18.80	18.92	18.81	19.70
5	16QAM	1	0	18.64	18.68	18.65	19.70
5	16QAM	1	12	18.65	18.75	18.60	19.70
5	16QAM	1	24	18.69	18.73	18.64	19.70
5	16QAM	12	0	18.75	18.86	18.63	19.70
5	16QAM	12	7	18.64	18.86	18.73	19.70
5	16QAM	12	13	18.55	18.68	18.73	19.70
5	16QAM	25	0	18.68	18.69	18.68	19.70
5	64QAM	1	0	18.71	18.81	18.62	19.70
5	64QAM	1	12	18.51	18.68	18.65	19.70
5	64QAM	1	24	18.58	18.79	18.68	19.70
5	64QAM	12	0	18.69	18.82	18.73	19.70
5	64QAM	12	7	18.76	18.87	18.77	19.70
5	64QAM	12	13	18.65	18.73	18.64	19.70
5	64QAM	25	0	18.69	18.81	18.83	19.70
5	256QAM	1	0	18.60	18.73	18.52	19.70
5	256QAM	1	12	18.57	18.68	18.54	19.70
5	256QAM	1	24	18.57	18.71	18.63	19.70
5	256QAM	12	0	18.59	18.78	18.65	19.70



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5	256QAM	12	7	18.57	18.68	18.70	19.70
5	256QAM	12	13	18.59	18.82	18.60	19.70
5	256QAM	25	0	18.61	18.65	18.54	19.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.95	18.95	18.92	19.70
3	QPSK	1	8	18.80	18.86	18.73	19.70
3	QPSK	1	14	18.82	18.85	18.76	19.70
3	QPSK	8	0	18.87	18.94	18.87	19.70
3	QPSK	8	4	18.75	18.84	18.70	19.70
3	QPSK	8	7	18.79	18.86	18.75	19.70
3	QPSK	15	0	18.79	18.86	18.83	19.70
3	16QAM	1	0	18.63	18.79	18.68	19.70
3	16QAM	1	8	18.57	18.72	18.68	19.70
3	16QAM	1	14	18.75	18.78	18.55	19.70
3	16QAM	8	0	18.72	18.85	18.69	19.70
3	16QAM	8	4	18.68	18.89	18.77	19.70
3	16QAM	8	7	18.66	18.74	18.67	19.70
3	16QAM	15	0	18.70	18.65	18.60	19.70
3	64QAM	1	0	18.62	18.79	18.59	19.70
3	64QAM	1	8	18.55	18.67	18.68	19.70
3	64QAM	1	14	18.55	18.79	18.69	19.70
3	64QAM	8	0	18.68	18.73	18.76	19.70
3	64QAM	8	4	18.77	18.81	18.83	19.70
3	64QAM	8	7	18.55	18.76	18.67	19.70
3	64QAM	15	0	18.73	18.87	18.81	19.70
3	256QAM	1	0	18.58	18.66	18.56	19.70
3	256QAM	1	8	18.54	18.63	18.55	19.70
3	256QAM	1	14	18.71	18.72	18.67	19.70
3	256QAM	8	0	18.68	18.83	18.68	19.70
3	256QAM	8	4	18.58	18.65	18.64	19.70
3	256QAM	8	7	18.57	18.71	18.61	19.70
3	256QAM	15	0	18.51	18.63	18.61	19.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.92	18.96	18.90	19.70
1.4	QPSK	1	3	18.77	18.77	18.64	19.70
1.4	QPSK	1	5	18.70	18.89	18.72	19.70
1.4	QPSK	3	0	18.84	18.93	18.90	19.70
1.4	QPSK	3	1	18.74	18.86	18.71	19.70
1.4	QPSK	3	3	18.77	18.87	18.87	19.70
1.4	QPSK	6	0	18.90	18.97	18.82	19.70
1.4	16QAM	1	0	18.70	18.74	18.71	19.70
1.4	16QAM	1	3	18.60	18.75	18.59	19.70
1.4	16QAM	1	5	18.70	18.83	18.64	19.70
1.4	16QAM	3	0	18.69	18.85	18.66	19.70
1.4	16QAM	3	1	18.71	18.86	18.70	19.70
1.4	16QAM	3	3	18.67	18.73	18.60	19.70
1.4	16QAM	6	0	18.65	18.75	18.72	19.70
1.4	64QAM	1	0	18.61	18.84	18.70	19.70
1.4	64QAM	1	3	18.56	18.71	18.64	19.70
1.4	64QAM	1	5	18.59	18.71	18.63	19.70
1.4	64QAM	3	0	18.69	18.77	18.68	19.70
1.4	64QAM	3	1	18.76	18.82	18.73	19.70
1.4	64QAM	3	3	18.68	18.73	18.65	19.70
1.4	64QAM	6	0	18.76	18.88	18.81	19.70
1.4	256QAM	1	0	18.55	18.78	18.58	19.70
1.4	256QAM	1	3	18.66	18.65	18.56	19.70
1.4	256QAM	1	5	18.67	18.81	18.59	19.70
1.4	256QAM	3	0	18.68	18.79	18.67	19.70
1.4	256QAM	3	1	18.62	18.70	18.70	19.70
1.4	256QAM	3	3	18.64	18.71	18.67	19.70
1.4	256QAM	6	0	18.53	18.67	18.54	19.70



【LTE Band 66_Ant 2_ECI3-1】

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	18.91	18.94	18.90	19.70
20	QPSK	1	49	18.65	18.83	18.76	19.70
20	QPSK	1	99	18.69	18.84	18.70	19.70
20	QPSK	50	0	18.83	18.88	18.86	19.70
20	QPSK	50	24	18.64	18.80	18.72	19.70
20	QPSK	50	50	18.78	18.87	18.69	19.70
20	QPSK	100	0	18.80	18.85	18.82	19.70
20	16QAM	1	0	18.64	18.80	18.65	19.70
20	16QAM	1	49	18.70	18.76	18.58	19.70
20	16QAM	1	99	18.69	18.77	18.61	19.70
20	16QAM	50	0	18.74	18.82	18.72	19.70
20	16QAM	50	24	18.66	18.76	18.70	19.70
20	16QAM	50	50	18.58	18.68	18.62	19.70
20	16QAM	100	0	18.69	18.76	18.60	19.70
20	64QAM	1	0	18.69	18.83	18.76	19.70
20	64QAM	1	49	18.70	18.81	18.64	19.70
20	64QAM	1	99	18.59	18.69	18.52	19.70
20	64QAM	50	0	18.54	18.71	18.56	19.70
20	64QAM	50	24	18.71	18.77	18.59	19.70
20	64QAM	50	50	18.69	18.74	18.69	19.70
20	64QAM	100	0	18.55	18.71	18.61	19.70
20	256QAM	1	0	18.68	18.73	18.60	19.70
20	256QAM	1	49	18.62	18.70	18.55	19.70
20	256QAM	1	99	18.64	18.81	18.73	19.70
20	256QAM	50	0	18.70	18.80	18.70	19.70
20	256QAM	50	24	18.65	18.75	18.58	19.70
20	256QAM	50	50	18.52	18.70	18.55	19.70
20	256QAM	100	0	18.55	18.71	18.55	19.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.84	18.89	18.86	19.70
15	QPSK	1	37	18.53	18.77	18.68	19.70
15	QPSK	1	74	18.65	18.79	18.61	19.70
15	QPSK	36	0	18.74	18.87	18.73	19.70
15	QPSK	36	20	18.57	18.76	18.59	19.70
15	QPSK	36	39	18.70	18.81	18.65	19.70
15	QPSK	75	0	18.77	18.82	18.76	19.70
15	16QAM	1	0	18.61	18.75	18.60	19.70
15	16QAM	1	37	18.64	18.63	18.48	19.70
15	16QAM	1	74	18.55	18.65	18.48	19.70
15	16QAM	36	0	18.69	18.68	18.58	19.70
15	16QAM	36	20	18.63	18.63	18.60	19.70
15	16QAM	36	39	18.56	18.60	18.51	19.70
15	16QAM	75	0	18.67	18.67	18.53	19.70
15	64QAM	1	0	18.66	18.82	18.67	19.70
15	64QAM	1	37	18.64	18.80	18.55	19.70
15	64QAM	1	74	18.51	18.63	18.38	19.70
15	64QAM	36	0	18.49	18.65	18.48	19.70
15	64QAM	36	20	18.65	18.68	18.54	19.70
15	64QAM	36	39	18.59	18.72	18.56	19.70
15	64QAM	75	0	18.52	18.70	18.59	19.70
15	256QAM	1	0	18.65	18.71	18.50	19.70
15	256QAM	1	37	18.55	18.68	18.45	19.70
15	256QAM	1	74	18.54	18.74	18.72	19.70
15	256QAM	36	0	18.66	18.74	18.57	19.70
15	256QAM	36	20	18.61	18.69	18.55	19.70
15	256QAM	36	39	18.50	18.67	18.40	19.70
15	256QAM	75	0	18.42	18.64	18.52	19.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.86	18.90	18.88	19.70
10	QPSK	1	25	18.56	18.71	18.66	19.70
10	QPSK	1	49	18.62	18.76	18.57	19.70
10	QPSK	25	0	18.81	18.82	18.80	19.70
10	QPSK	25	12	18.50	18.74	18.57	19.70
10	QPSK	25	25	18.68	18.80	18.66	19.70
10	QPSK	50	0	18.76	18.81	18.80	19.70
10	16QAM	1	0	18.54	18.74	18.54	19.70
10	16QAM	1	25	18.60	18.74	18.53	19.70
10	16QAM	1	49	18.61	18.65	18.53	19.70
10	16QAM	25	0	18.64	18.70	18.59	19.70



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10	16QAM	25	12	18.63	18.72	18.65	19.70
10	16QAM	25	25	18.47	18.66	18.58	19.70
10	16QAM	50	0	18.61	18.73	18.55	19.70
10	64QAM	1	0	18.61	18.79	18.75	19.70
10	64QAM	1	25	18.59	18.78	18.52	19.70
10	64QAM	1	49	18.48	18.58	18.45	19.70
10	64QAM	25	0	18.41	18.61	18.49	19.70
10	64QAM	25	12	18.65	18.68	18.50	19.70
10	64QAM	25	25	18.67	18.66	18.67	19.70
10	64QAM	50	0	18.41	18.67	18.57	19.70
10	256QAM	1	0	18.54	18.65	18.54	19.70
10	256QAM	1	25	18.59	18.58	18.50	19.70
10	256QAM	1	49	18.54	18.69	18.64	19.70
10	256QAM	25	0	18.67	18.68	18.58	19.70
10	256QAM	25	12	18.61	18.74	18.48	19.70
10	256QAM	25	25	18.41	18.59	18.52	19.70
10	256QAM	50	0	18.41	18.57	18.53	19.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.83	18.87	18.77	19.70
5	QPSK	1	12	18.55	18.70	18.62	19.70
5	QPSK	1	24	18.68	18.78	18.64	19.70
5	QPSK	12	0	18.79	18.84	18.71	19.70
5	QPSK	12	7	18.52	18.70	18.58	19.70
5	QPSK	12	13	18.66	18.85	18.63	19.70
5	QPSK	25	0	18.66	18.82	18.75	19.70
5	16QAM	1	0	18.49	18.66	18.63	19.70
5	16QAM	1	12	18.68	18.72	18.51	19.70
5	16QAM	1	24	18.62	18.65	18.50	19.70
5	16QAM	12	0	18.61	18.77	18.70	19.70
5	16QAM	12	7	18.61	18.71	18.68	19.70
5	16QAM	12	13	18.44	18.67	18.55	19.70
5	16QAM	25	0	18.58	18.61	18.53	19.70
5	64QAM	1	0	18.54	18.78	18.72	19.70
5	64QAM	1	12	18.61	18.80	18.62	19.70
5	64QAM	1	24	18.55	18.57	18.38	19.70
5	64QAM	12	0	18.44	18.64	18.52	19.70
5	64QAM	12	7	18.60	18.74	18.56	19.70
5	64QAM	12	13	18.62	18.73	18.62	19.70
5	64QAM	25	0	18.50	18.64	18.52	19.70
5	256QAM	1	0	18.55	18.65	18.50	19.70
5	256QAM	1	12	18.58	18.66	18.49	19.70
5	256QAM	1	24	18.57	18.67	18.65	19.70
5	256QAM	12	0	18.66	18.78	18.58	19.70
5	256QAM	12	7	18.54	18.67	18.45	19.70
5	256QAM	12	13	18.50	18.63	18.51	19.70
5	256QAM	25	0	18.50	18.58	18.49	19.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.88	18.81	18.76	19.70
3	QPSK	1	8	18.60	18.72	18.65	19.70
3	QPSK	1	14	18.61	18.74	18.59	19.70
3	QPSK	8	0	18.77	18.86	18.81	19.70
3	QPSK	8	4	18.59	18.76	18.62	19.70
3	QPSK	8	7	18.68	18.83	18.55	19.70
3	QPSK	15	0	18.72	18.76	18.78	19.70
3	16QAM	1	0	18.61	18.76	18.59	19.70
3	16QAM	1	8	18.62	18.71	18.53	19.70
3	16QAM	1	14	18.62	18.68	18.55	19.70
3	16QAM	8	0	18.60	18.73	18.64	19.70
3	16QAM	8	4	18.64	18.67	18.58	19.70
3	16QAM	8	7	18.46	18.63	18.57	19.70
3	16QAM	15	0	18.54	18.70	18.45	19.70
3	64QAM	1	0	18.57	18.81	18.64	19.70
3	64QAM	1	8	18.68	18.75	18.52	19.70
3	64QAM	1	14	18.45	18.60	18.45	19.70
3	64QAM	8	0	18.48	18.56	18.46	19.70
3	64QAM	8	4	18.58	18.63	18.54	19.70
3	64QAM	8	7	18.58	18.66	18.63	19.70
3	64QAM	15	0	18.42	18.64	18.54	19.70
3	256QAM	1	0	18.63	18.66	18.55	19.70
3	256QAM	1	8	18.57	18.67	18.52	19.70
3	256QAM	1	14	18.61	18.70	18.64	19.70
3	256QAM	8	0	18.63	18.78	18.59	19.70
3	256QAM	8	4	18.62	18.66	18.57	19.70
3	256QAM	8	7	18.46	18.59	18.41	19.70
3	256QAM	15	0	18.43	18.63	18.43	19.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.80	18.93	18.88	19.70
1.4	QPSK	1	3	18.56	18.79	18.64	19.70
1.4	QPSK	1	5	18.67	18.77	18.68	19.70
1.4	QPSK	3	0	18.69	18.74	18.77	19.70
1.4	QPSK	3	1	18.54	18.66	18.59	19.70
1.4	QPSK	3	3	18.76	18.80	18.64	19.70
1.4	QPSK	6	0	18.72	18.74	18.80	19.70
1.4	16QAM	1	0	18.51	18.78	18.60	19.70
1.4	16QAM	1	3	18.67	18.70	18.53	19.70
1.4	16QAM	1	5	18.66	18.76	18.59	19.70
1.4	16QAM	3	0	18.62	18.79	18.69	19.70
1.4	16QAM	3	1	18.58	18.72	18.68	19.70
1.4	16QAM	3	3	18.54	18.61	18.59	19.70
1.4	16QAM	6	0	18.61	18.73	18.54	19.70
1.4	64QAM	1	0	18.64	18.70	18.67	19.70
1.4	64QAM	1	3	18.61	18.73	18.57	19.70
1.4	64QAM	1	5	18.54	18.61	18.48	19.70
1.4	64QAM	3	0	18.52	18.63	18.45	19.70
1.4	64QAM	3	1	18.65	18.69	18.57	19.70
1.4	64QAM	3	3	18.64	18.61	18.66	19.70
1.4	64QAM	6	0	18.52	18.67	18.57	19.70
1.4	256QAM	1	0	18.59	18.64	18.51	19.70
1.4	256QAM	1	3	18.59	18.63	18.41	19.70
1.4	256QAM	1	5	18.63	18.69	18.72	19.70
1.4	256QAM	3	0	18.68	18.66	18.69	19.70
1.4	256QAM	3	1	18.63	18.65	18.50	19.70
1.4	256QAM	3	3	18.44	18.56	18.44	19.70
1.4	256QAM	6	0	18.45	18.57	18.51	19.70

【LTE Band 66_Ant 2_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.06	19.10	19.08	20.00
20	QPSK	1	49	18.82	18.93	18.87	20.00
20	QPSK	1	99	18.82	18.97	18.93	20.00
20	QPSK	50	0	19.01	19.06	19.02	20.00
20	QPSK	50	24	18.83	19.01	18.85	20.00
20	QPSK	50	50	18.90	19.01	18.92	20.00
20	QPSK	100	0	19.00	19.04	19.03	20.00
20	16QAM	1	0	18.92	18.99	18.89	20.00
20	16QAM	1	49	18.78	18.90	18.73	20.00
20	16QAM	1	99	18.77	18.95	18.80	20.00
20	16QAM	50	0	18.84	18.98	18.86	20.00
20	16QAM	50	24	18.86	18.97	18.89	20.00
20	16QAM	50	50	18.72	18.88	18.79	20.00
20	16QAM	100	0	18.94	19.00	18.96	20.00
20	64QAM	1	0	18.85	18.92	18.86	20.00
20	64QAM	1	49	18.93	19.01	18.92	20.00
20	64QAM	1	99	18.69	18.87	18.79	20.00
20	64QAM	50	0	18.79	18.95	18.79	20.00
20	64QAM	50	24	18.77	18.93	18.80	20.00
20	64QAM	50	50	18.86	19.01	18.87	20.00
20	64QAM	100	0	18.82	18.95	18.92	20.00
20	256QAM	1	0	18.84	18.95	18.88	20.00
20	256QAM	1	49	18.79	18.94	18.89	20.00
20	256QAM	1	99	18.73	18.88	18.79	20.00
20	256QAM	50	0	18.86	18.93	18.89	20.00
20	256QAM	50	24	18.86	18.93	18.85	20.00
20	256QAM	50	50	18.85	18.98	18.83	20.00
20	256QAM	100	0	18.91	18.98	18.92	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.05	19.05	18.93	20.00
15	QPSK	1	37	18.74	18.85	18.86	20.00
15	QPSK	1	74	18.78	18.85	18.89	20.00
15	QPSK	36	0	18.96	19.00	18.93	20.00
15	QPSK	36	20	18.77	18.88	18.74	20.00
15	QPSK	36	39	18.78	18.98	18.78	20.00
15	QPSK	75	0	18.89	18.91	18.98	20.00



15	16QAM	1	0	18.87	18.97	18.86	20.00
15	16QAM	1	37	18.74	18.88	18.69	20.00
15	16QAM	1	74	18.75	18.83	18.70	20.00
15	16QAM	36	0	18.83	18.93	18.71	20.00
15	16QAM	36	20	18.78	18.94	18.81	20.00
15	16QAM	36	39	18.64	18.84	18.69	20.00
15	16QAM	75	0	18.81	18.87	18.92	20.00
15	64QAM	1	0	18.76	18.86	18.76	20.00
15	64QAM	1	37	18.91	18.99	18.83	20.00
15	64QAM	1	74	18.54	18.86	18.74	20.00
15	64QAM	36	0	18.78	18.82	18.69	20.00
15	64QAM	36	20	18.72	18.84	18.69	20.00
15	64QAM	36	39	18.71	18.98	18.72	20.00
15	64QAM	75	0	18.77	18.91	18.90	20.00
15	256QAM	1	0	18.82	18.88	18.75	20.00
15	256QAM	1	37	18.73	18.85	18.81	20.00
15	256QAM	1	74	18.67	18.79	18.71	20.00
15	256QAM	36	0	18.78	18.81	18.80	20.00
15	256QAM	36	20	18.79	18.79	18.83	20.00
15	256QAM	36	39	18.72	18.84	18.70	20.00
15	256QAM	75	0	18.82	18.89	18.89	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.94	19.03	19.05	20.00
10	QPSK	1	25	18.73	18.82	18.85	20.00
10	QPSK	1	49	18.69	18.84	18.78	20.00
10	QPSK	25	0	18.88	18.93	18.96	20.00
10	QPSK	25	12	18.75	18.94	18.84	20.00
10	QPSK	25	25	18.83	19.00	18.80	20.00
10	QPSK	50	0	18.95	19.01	18.88	20.00
10	16QAM	1	0	18.81	18.84	18.82	20.00
10	16QAM	1	25	18.68	18.83	18.68	20.00
10	16QAM	1	49	18.71	18.80	18.77	20.00
10	16QAM	25	0	18.73	18.95	18.84	20.00
10	16QAM	25	12	18.84	18.93	18.75	20.00
10	16QAM	25	25	18.66	18.85	18.72	20.00
10	16QAM	50	0	18.91	18.91	18.87	20.00
10	64QAM	1	0	18.73	18.90	18.80	20.00
10	64QAM	1	25	18.88	18.88	18.79	20.00
10	64QAM	1	49	18.65	18.72	18.71	20.00
10	64QAM	25	0	18.75	18.81	18.67	20.00
10	64QAM	25	12	18.67	18.85	18.77	20.00
10	64QAM	25	25	18.74	18.86	18.73	20.00
10	64QAM	50	0	18.74	18.87	18.90	20.00
10	256QAM	1	0	18.72	18.93	18.76	20.00
10	256QAM	1	25	18.76	18.86	18.75	20.00
10	256QAM	1	49	18.60	18.84	18.74	20.00
10	256QAM	25	0	18.82	18.90	18.86	20.00
10	256QAM	25	12	18.84	18.82	18.74	20.00
10	256QAM	25	25	18.74	18.85	18.72	20.00
10	256QAM	50	0	18.83	18.96	18.89	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.05	18.96	18.96	20.00
5	QPSK	1	12	18.69	18.90	18.77	20.00
5	QPSK	1	24	18.70	18.95	18.82	20.00
5	QPSK	12	0	18.91	19.05	18.88	20.00
5	QPSK	12	7	18.78	18.92	18.72	20.00
5	QPSK	12	13	18.77	18.95	18.80	20.00
5	QPSK	25	0	18.95	18.99	18.96	20.00
5	16QAM	1	0	18.87	18.88	18.81	20.00
5	16QAM	1	12	18.68	18.87	18.71	20.00
5	16QAM	1	24	18.67	18.89	18.70	20.00
5	16QAM	12	0	18.72	18.94	18.79	20.00
5	16QAM	12	7	18.80	18.90	18.86	20.00
5	16QAM	12	13	18.62	18.79	18.65	20.00
5	16QAM	25	0	18.84	18.97	18.92	20.00
5	64QAM	1	0	18.71	18.83	18.76	20.00
5	64QAM	1	12	18.78	18.93	18.83	20.00
5	64QAM	1	24	18.58	18.76	18.68	20.00
5	64QAM	12	0	18.71	18.80	18.72	20.00
5	64QAM	12	7	18.70	18.91	18.71	20.00
5	64QAM	12	13	18.80	18.98	18.80	20.00
5	64QAM	25	0	18.80	18.91	18.86	20.00
5	256QAM	1	0	18.76	18.88	18.84	20.00
5	256QAM	1	12	18.72	18.89	18.79	20.00
5	256QAM	1	24	18.63	18.86	18.66	20.00
5	256QAM	12	0	18.78	18.80	18.74	20.00



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5	256QAM	12	7	18.78	18.87	18.71	20.00
5	256QAM	12	13	18.73	18.87	18.80	20.00
5	256QAM	25	0	18.76	18.93	18.85	20.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.04	19.02	19.05	20.00
3	QPSK	1	8	18.72	18.86	18.86	20.00
3	QPSK	1	14	18.81	18.90	18.78	20.00
3	QPSK	8	0	18.97	19.04	18.96	20.00
3	QPSK	8	4	18.70	18.96	18.71	20.00
3	QPSK	8	7	18.80	18.92	18.84	20.00
3	QPSK	15	0	18.97	18.93	18.90	20.00
3	16QAM	1	0	18.82	18.93	18.80	20.00
3	16QAM	1	8	18.66	18.87	18.71	20.00
3	16QAM	1	14	18.67	18.82	18.68	20.00
3	16QAM	8	0	18.74	18.89	18.82	20.00
3	16QAM	8	4	18.80	18.83	18.84	20.00
3	16QAM	8	7	18.57	18.82	18.72	20.00
3	16QAM	15	0	18.88	18.87	18.89	20.00
3	64QAM	1	0	18.82	18.85	18.79	20.00
3	64QAM	1	8	18.88	19.00	18.81	20.00
3	64QAM	1	14	18.67	18.76	18.71	20.00
3	64QAM	8	0	18.77	18.93	18.72	20.00
3	64QAM	8	4	18.74	18.92	18.71	20.00
3	64QAM	8	7	18.74	18.89	18.79	20.00
3	64QAM	15	0	18.67	18.90	18.88	20.00
3	256QAM	1	0	18.81	18.93	18.78	20.00
3	256QAM	1	8	18.76	18.83	18.85	20.00
3	256QAM	1	14	18.59	18.78	18.73	20.00
3	256QAM	8	0	18.75	18.85	18.82	20.00
3	256QAM	8	4	18.84	18.89	18.79	20.00
3	256QAM	8	7	18.73	18.96	18.69	20.00
3	256QAM	15	0	18.79	18.96	18.89	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.03	19.02	18.98	20.00
1.4	QPSK	1	3	18.73	18.79	18.83	20.00
1.4	QPSK	1	5	18.71	18.91	18.80	20.00
1.4	QPSK	3	0	18.88	18.93	18.93	20.00
1.4	QPSK	3	1	18.79	18.99	18.76	20.00
1.4	QPSK	3	3	18.83	18.87	18.87	20.00
1.4	QPSK	6	0	18.90	18.91	18.89	20.00
1.4	16QAM	1	0	18.78	18.85	18.75	20.00
1.4	16QAM	1	3	18.64	18.80	18.67	20.00
1.4	16QAM	1	5	18.74	18.85	18.67	20.00
1.4	16QAM	3	0	18.74	18.88	18.80	20.00
1.4	16QAM	3	1	18.78	18.87	18.83	20.00
1.4	16QAM	3	3	18.70	18.78	18.75	20.00
1.4	16QAM	6	0	18.86	18.85	18.93	20.00
1.4	64QAM	1	0	18.73	18.88	18.71	20.00
1.4	64QAM	1	3	18.82	18.86	18.91	20.00
1.4	64QAM	1	5	18.66	18.72	18.70	20.00
1.4	64QAM	3	0	18.67	18.89	18.67	20.00
1.4	64QAM	3	1	18.74	18.81	18.72	20.00
1.4	64QAM	3	3	18.83	18.97	18.86	20.00
1.4	64QAM	6	0	18.69	18.85	18.78	20.00
1.4	256QAM	1	0	18.75	18.83	18.78	20.00
1.4	256QAM	1	3	18.67	18.83	18.75	20.00
1.4	256QAM	1	5	18.72	18.75	18.68	20.00
1.4	256QAM	3	0	18.82	18.85	18.78	20.00
1.4	256QAM	3	1	18.82	18.89	18.81	20.00
1.4	256QAM	3	3	18.73	18.97	18.73	20.00
1.4	256QAM	6	0	18.84	18.86	18.83	20.00



【LTE Band 66_Ant 2_ECI4】

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	25.04	25.17	25.03	25.70
20	QPSK	1	49	24.88	25.12	24.85	25.70
20	QPSK	1	99	24.88	25.15	24.90	25.70
20	QPSK	50	0	24.07	24.27	24.07	24.70
20	QPSK	50	24	24.05	24.23	24.02	24.70
20	QPSK	50	50	23.97	24.24	23.96	24.70
20	QPSK	100	0	24.02	24.29	24.06	24.70
20	16QAM	1	0	24.22	24.40	24.19	24.70
20	16QAM	1	49	24.28	24.45	24.17	24.70
20	16QAM	1	99	24.26	24.46	24.20	24.70
20	16QAM	50	0	23.12	23.28	23.11	23.70
20	16QAM	50	24	23.15	23.33	23.19	23.70
20	16QAM	50	50	23.09	23.36	23.20	23.70
20	16QAM	100	0	23.11	23.37	23.18	23.70
20	64QAM	1	0	23.15	23.38	23.23	23.70
20	64QAM	1	49	23.27	23.45	23.28	23.70
20	64QAM	1	99	23.22	23.46	23.30	23.70
20	64QAM	50	0	22.09	22.33	22.16	22.70
20	64QAM	50	24	22.21	22.34	22.07	22.70
20	64QAM	50	50	22.13	22.36	22.09	22.70
20	64QAM	100	0	22.19	22.38	22.15	22.70
20	256QAM	1	0	20.17	20.38	20.19	20.70
20	256QAM	1	49	20.17	20.34	20.18	20.70
20	256QAM	1	99	20.11	20.37	20.19	20.70
20	256QAM	50	0	20.15	20.29	20.04	20.70
20	256QAM	50	24	20.16	20.32	20.18	20.70
20	256QAM	50	50	20.13	20.32	20.16	20.70
20	256QAM	100	0	20.06	20.31	20.09	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.01	25.04	24.98	25.70
15	QPSK	1	37	24.82	25.09	24.73	25.70
15	QPSK	1	74	24.85	25.06	24.89	25.70
15	QPSK	36	0	23.98	24.17	23.99	24.70
15	QPSK	36	20	24.03	24.14	23.97	24.70
15	QPSK	36	39	23.90	24.15	23.88	24.70
15	QPSK	75	0	23.90	24.17	23.98	24.70
15	16QAM	1	0	24.15	24.35	24.11	24.70
15	16QAM	1	37	24.23	24.33	24.09	24.70
15	16QAM	1	74	24.20	24.37	24.11	24.70
15	16QAM	36	0	23.09	23.26	23.08	23.70
15	16QAM	36	20	23.10	23.29	23.17	23.70
15	16QAM	36	39	23.03	23.33	23.15	23.70
15	16QAM	75	0	22.97	23.32	23.11	23.70
15	64QAM	1	0	23.07	23.34	23.18	23.70
15	64QAM	1	37	23.12	23.35	23.25	23.70
15	64QAM	1	74	23.09	23.33	23.25	23.70
15	64QAM	36	0	22.01	22.26	22.06	22.70
15	64QAM	36	20	22.16	22.30	21.96	22.70
15	64QAM	36	39	22.05	22.29	22.02	22.70
15	64QAM	75	0	22.13	22.33	22.08	22.70
15	256QAM	1	0	20.11	20.33	20.13	20.70
15	256QAM	1	37	20.08	20.29	20.10	20.70
15	256QAM	1	74	19.97	20.26	20.10	20.70
15	256QAM	36	0	20.13	20.17	19.94	20.70
15	256QAM	36	20	20.06	20.28	20.08	20.70
15	256QAM	36	39	20.09	20.20	20.09	20.70
15	256QAM	75	0	19.98	20.19	20.06	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	25.03	25.15	24.93	25.70
10	QPSK	1	25	24.82	25.07	24.84	25.70
10	QPSK	1	49	24.82	25.10	24.85	25.70
10	QPSK	25	0	24.03	24.21	23.98	24.70
10	QPSK	25	12	23.91	24.18	23.93	24.70
10	QPSK	25	25	23.87	24.10	23.89	24.70
10	QPSK	50	0	23.90	24.21	23.97	24.70
10	16QAM	1	0	24.08	24.32	24.07	24.70
10	16QAM	1	25	24.24	24.36	24.04	24.70
10	16QAM	1	49	24.16	24.33	24.09	24.70
10	16QAM	25	0	23.07	23.18	23.01	23.70



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10	16QAM	25	12	23.04	23.21	23.06	23.70
10	16QAM	25	25	22.97	23.28	23.16	23.70
10	16QAM	50	0	23.04	23.34	23.11	23.70
10	64QAM	1	0	23.05	23.23	23.08	23.70
10	64QAM	1	25	23.21	23.35	23.27	23.70
10	64QAM	1	49	23.07	23.39	23.25	23.70
10	64QAM	25	0	22.01	22.32	22.14	22.70
10	64QAM	25	12	22.18	22.22	22.03	22.70
10	64QAM	25	25	21.98	22.29	21.98	22.70
10	64QAM	50	0	22.09	22.31	22.10	22.70
10	256QAM	1	0	20.13	20.31	20.10	20.70
10	256QAM	1	25	20.05	20.26	20.04	20.70
10	256QAM	1	49	19.98	20.24	20.17	20.70
10	256QAM	25	0	20.10	20.26	19.92	20.70
10	256QAM	25	12	20.01	20.27	20.05	20.70
10	256QAM	25	25	20.09	20.18	20.08	20.70
10	256QAM	50	0	19.94	20.22	19.99	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.92	25.08	24.90	25.70
5	QPSK	1	12	24.84	24.99	24.72	25.70
5	QPSK	1	24	24.85	25.10	24.83	25.70
5	QPSK	12	0	24.03	24.19	23.92	24.70
5	QPSK	12	7	23.94	24.12	23.87	24.70
5	QPSK	12	13	23.91	24.12	23.93	24.70
5	QPSK	25	0	23.99	24.25	23.95	24.70
5	16QAM	1	0	24.12	24.39	24.06	24.70
5	16QAM	1	12	24.17	24.41	24.08	24.70
5	16QAM	1	24	24.16	24.41	24.17	24.70
5	16QAM	12	0	23.03	23.25	23.09	23.70
5	16QAM	12	7	23.01	23.31	23.17	23.70
5	16QAM	12	13	22.99	23.34	23.09	23.70
5	16QAM	25	0	23.02	23.25	23.04	23.70
5	64QAM	1	0	23.11	23.25	23.16	23.70
5	64QAM	1	12	23.25	23.40	23.15	23.70
5	64QAM	1	24	23.15	23.40	23.29	23.70
5	64QAM	12	0	22.05	22.18	22.09	22.70
5	64QAM	12	7	22.14	22.26	21.98	22.70
5	64QAM	12	13	22.10	22.23	21.99	22.70
5	64QAM	25	0	22.06	22.27	22.11	22.70
5	256QAM	1	0	20.03	20.35	20.10	20.70
5	256QAM	1	12	20.03	20.22	20.13	20.70
5	256QAM	1	24	20.02	20.33	20.04	20.70
5	256QAM	12	0	20.02	20.28	19.91	20.70
5	256QAM	12	7	20.12	20.18	20.16	20.70
5	256QAM	12	13	20.09	20.21	20.08	20.70
5	256QAM	25	0	20.02	20.18	19.96	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	25.00	25.14	24.94	25.70
3	QPSK	1	8	24.84	25.07	24.82	25.70
3	QPSK	1	14	24.82	25.04	24.85	25.70
3	QPSK	8	0	23.93	24.17	24.06	24.70
3	QPSK	8	4	23.93	24.16	23.95	24.70
3	QPSK	8	7	23.84	24.11	23.92	24.70
3	QPSK	15	0	23.88	24.19	23.98	24.70
3	16QAM	1	0	24.10	24.32	24.07	24.70
3	16QAM	1	8	24.20	24.41	24.14	24.70
3	16QAM	1	14	24.17	24.43	24.10	24.70
3	16QAM	8	0	23.03	23.19	23.05	23.70
3	16QAM	8	4	23.07	23.20	23.11	23.70
3	16QAM	8	7	22.95	23.33	23.05	23.70
3	16QAM	15	0	23.04	23.30	23.07	23.70
3	64QAM	1	0	23.12	23.29	23.20	23.70
3	64QAM	1	8	23.22	23.33	23.18	23.70
3	64QAM	1	14	23.19	23.41	23.21	23.70
3	64QAM	8	0	21.99	22.27	22.06	22.70
3	64QAM	8	4	22.07	22.21	22.05	22.70
3	64QAM	8	7	22.01	22.31	21.98	22.70
3	64QAM	15	0	22.16	22.33	22.10	22.70
3	256QAM	1	0	20.12	20.31	20.12	20.70
3	256QAM	1	8	20.10	20.33	20.12	20.70
3	256QAM	1	14	19.99	20.35	20.09	20.70
3	256QAM	8	0	20.12	20.25	19.99	20.70
3	256QAM	8	4	20.07	20.18	20.06	20.70
3	256QAM	8	7	20.10	20.29	20.04	20.70
3	256QAM	15	0	19.94	20.28	19.96	20.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.90	25.13	24.99	25.70
1.4	QPSK	1	3	24.74	24.97	24.78	25.70
1.4	QPSK	1	5	24.81	25.04	24.83	25.70
1.4	QPSK	3	0	24.93	25.14	24.97	25.70
1.4	QPSK	3	1	24.92	25.11	24.96	25.70
1.4	QPSK	3	3	24.94	25.15	24.85	25.70
1.4	QPSK	6	0	23.88	24.14	23.95	24.70
1.4	16QAM	1	0	24.09	24.27	24.04	24.70
1.4	16QAM	1	3	24.26	24.35	24.11	24.70
1.4	16QAM	1	5	24.14	24.34	24.09	24.70
1.4	16QAM	3	0	23.99	24.23	24.07	24.70
1.4	16QAM	3	1	24.09	24.23	24.07	24.70
1.4	16QAM	3	3	23.96	24.29	24.12	24.70
1.4	16QAM	6	0	23.08	23.22	23.06	23.70
1.4	64QAM	1	0	23.04	23.35	23.11	23.70
1.4	64QAM	1	3	23.24	23.40	23.25	23.70
1.4	64QAM	1	5	23.19	23.45	23.15	23.70
1.4	64QAM	3	0	23.08	23.23	23.12	23.70
1.4	64QAM	3	1	23.13	23.25	22.99	23.70
1.4	64QAM	3	3	23.08	23.28	23.01	23.70
1.4	64QAM	6	0	22.05	22.24	22.04	22.70
1.4	256QAM	1	0	20.12	20.30	20.09	20.70
1.4	256QAM	1	3	20.03	20.29	20.06	20.70
1.4	256QAM	1	5	20.07	20.32	20.06	20.70
1.4	256QAM	3	0	20.06	20.27	20.02	20.70
1.4	256QAM	3	1	20.02	20.25	20.10	20.70
1.4	256QAM	3	3	20.04	20.25	20.06	20.70
1.4	256QAM	6	0	19.97	20.19	20.02	20.70

【LTE Band 66_Ant 2_ECI4-1】

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	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.85	24.89	24.83	25.70
20	QPSK	1	49	24.77	24.87	24.71	25.70
20	QPSK	1	99	24.66	24.75	24.67	25.70
20	QPSK	50	0	23.78	23.83	23.71	24.70
20	QPSK	50	24	23.71	23.82	23.67	24.70
20	QPSK	50	50	23.72	23.78	23.67	24.70
20	QPSK	100	0	23.68	23.79	23.60	24.70
20	16QAM	1	0	23.91	23.98	23.86	24.70
20	16QAM	1	49	23.58	23.77	23.65	24.70
20	16QAM	1	99	23.58	23.74	23.62	24.70
20	16QAM	50	0	22.75	22.85	22.67	23.70
20	16QAM	50	24	22.69	22.75	22.62	23.70
20	16QAM	50	50	22.81	22.87	22.79	23.70
20	16QAM	100	0	22.71	22.82	22.70	23.70
20	64QAM	1	0	22.68	22.87	22.80	23.70
20	64QAM	1	49	22.62	22.74	22.64	23.70
20	64QAM	1	99	22.77	22.82	22.65	23.70
20	64QAM	50	0	21.67	21.81	21.69	22.70
20	64QAM	50	24	21.62	21.75	21.61	22.70
20	64QAM	50	50	21.68	21.79	21.66	22.70
20	64QAM	100	0	21.69	21.81	21.67	22.70
20	256QAM	1	0	19.74	19.79	19.73	20.70
20	256QAM	1	49	19.55	19.67	19.56	20.70
20	256QAM	1	99	19.65	19.74	19.57	20.70
20	256QAM	50	0	19.79	19.86	19.66	20.70
20	256QAM	50	24	19.71	19.82	19.74	20.70
20	256QAM	50	50	19.70	19.87	19.77	20.70
20	256QAM	100	0	19.81	19.90	19.77	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.72	24.82	24.75	25.70
15	QPSK	1	37	24.71	24.75	24.67	25.70
15	QPSK	1	74	24.59	24.69	24.53	25.70
15	QPSK	36	0	23.66	23.77	23.65	24.70
15	QPSK	36	20	23.59	23.68	23.62	24.70
15	QPSK	36	39	23.61	23.68	23.53	24.70
15	QPSK	75	0	23.54	23.70	23.55	24.70



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15	16QAM	1	0	23.78	23.87	23.78	24.70
15	16QAM	1	37	23.57	23.62	23.59	24.70
15	16QAM	1	74	23.50	23.70	23.51	24.70
15	16QAM	36	0	22.64	22.84	22.56	23.70
15	16QAM	36	20	22.56	22.68	22.52	23.70
15	16QAM	36	39	22.70	22.77	22.71	23.70
15	16QAM	75	0	22.63	22.77	22.66	23.70
15	64QAM	1	0	22.67	22.85	22.70	23.70
15	64QAM	1	37	22.61	22.68	22.62	23.70
15	64QAM	1	74	22.64	22.80	22.56	23.70
15	64QAM	36	0	21.64	21.79	21.57	22.70
15	64QAM	36	20	21.54	21.65	21.56	22.70
15	64QAM	36	39	21.64	21.71	21.61	22.70
15	64QAM	75	0	21.67	21.67	21.54	22.70
15	256QAM	1	0	19.72	19.72	19.60	20.70
15	256QAM	1	37	19.47	19.60	19.55	20.70
15	256QAM	1	74	19.56	19.73	19.43	20.70
15	256QAM	36	0	19.65	19.83	19.55	20.70
15	256QAM	36	20	19.69	19.72	19.68	20.70
15	256QAM	36	39	19.58	19.72	19.63	20.70
15	256QAM	75	0	19.74	19.82	19.69	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.77	24.81	24.78	25.70
10	QPSK	1	25	24.63	24.83	24.68	25.70
10	QPSK	1	49	24.61	24.70	24.55	25.70
10	QPSK	25	0	23.68	23.74	23.69	24.70
10	QPSK	25	12	23.66	23.69	23.63	24.70
10	QPSK	25	25	23.70	23.74	23.58	24.70
10	QPSK	50	0	23.57	23.76	23.53	24.70
10	16QAM	1	0	23.85	23.94	23.78	24.70
10	16QAM	1	25	23.53	23.69	23.57	24.70
10	16QAM	1	49	23.54	23.61	23.57	24.70
10	16QAM	25	0	22.61	22.71	22.56	23.70
10	16QAM	25	12	22.59	22.67	22.59	23.70
10	16QAM	25	25	22.77	22.78	22.65	23.70
10	16QAM	50	0	22.59	22.78	22.69	23.70
10	64QAM	1	0	22.58	22.73	22.69	23.70
10	64QAM	1	25	22.55	22.71	22.56	23.70
10	64QAM	1	49	22.72	22.68	22.52	23.70
10	64QAM	25	0	21.62	21.73	21.56	22.70
10	64QAM	25	12	21.57	21.64	21.48	22.70
10	64QAM	25	25	21.59	21.69	21.61	22.70
10	64QAM	50	0	21.62	21.78	21.54	22.70
10	256QAM	1	0	19.61	19.69	19.59	20.70
10	256QAM	1	25	19.44	19.53	19.46	20.70
10	256QAM	1	49	19.62	19.73	19.46	20.70
10	256QAM	25	0	19.74	19.85	19.61	20.70
10	256QAM	25	12	19.59	19.73	19.67	20.70
10	256QAM	25	25	19.67	19.79	19.66	20.70
10	256QAM	50	0	19.71	19.88	19.69	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.71	24.79	24.73	25.70
5	QPSK	1	12	24.66	24.85	24.67	25.70
5	QPSK	1	24	24.53	24.64	24.58	25.70
5	QPSK	12	0	23.68	23.79	23.57	24.70
5	QPSK	12	7	23.65	23.79	23.59	24.70
5	QPSK	12	13	23.59	23.67	23.63	24.70
5	QPSK	25	0	23.61	23.70	23.48	24.70
5	16QAM	1	0	23.78	23.91	23.71	24.70
5	16QAM	1	12	23.44	23.75	23.59	24.70
5	16QAM	1	24	23.43	23.70	23.60	24.70
5	16QAM	12	0	22.68	22.81	22.66	23.70
5	16QAM	12	7	22.67	22.65	22.58	23.70
5	16QAM	12	13	22.67	22.84	22.73	23.70
5	16QAM	25	0	22.61	22.68	22.63	23.70
5	64QAM	1	0	22.54	22.85	22.73	23.70
5	64QAM	1	12	22.55	22.71	22.51	23.70
5	64QAM	1	24	22.76	22.77	22.50	23.70
5	64QAM	12	0	21.53	21.69	21.64	22.70
5	64QAM	12	7	21.54	21.66	21.59	22.70
5	64QAM	12	13	21.63	21.65	21.59	22.70
5	64QAM	25	0	21.63	21.72	21.54	22.70
5	256QAM	1	0	19.71	19.64	19.70	20.70
5	256QAM	1	12	19.42	19.52	19.53	20.70
5	256QAM	1	24	19.52	19.69	19.52	20.70
5	256QAM	12	0	19.67	19.82	19.53	20.70



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5	256QAM	12	7	19.58	19.76	19.62	20.70
5	256QAM	12	13	19.65	19.84	19.71	20.70
5	256QAM	25	0	19.79	19.80	19.71	20.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.74	24.83	24.81	25.70
3	QPSK	1	8	24.65	24.76	24.68	25.70
3	QPSK	1	14	24.51	24.72	24.56	25.70
3	QPSK	8	0	23.77	23.74	23.65	24.70
3	QPSK	8	4	23.68	23.71	23.64	24.70
3	QPSK	8	7	23.58	23.72	23.59	24.70
3	QPSK	15	0	23.59	23.75	23.46	24.70
3	16QAM	1	0	23.88	23.96	23.81	24.70
3	16QAM	1	8	23.44	23.72	23.54	24.70
3	16QAM	1	14	23.44	23.71	23.49	24.70
3	16QAM	8	0	22.68	22.78	22.60	23.70
3	16QAM	8	4	22.67	22.68	22.50	23.70
3	16QAM	8	7	22.77	22.84	22.69	23.70
3	16QAM	15	0	22.68	22.81	22.67	23.70
3	64QAM	1	0	22.61	22.78	22.79	23.70
3	64QAM	1	8	22.52	22.65	22.59	23.70
3	64QAM	1	14	22.63	22.69	22.60	23.70
3	64QAM	8	0	21.65	21.80	21.62	22.70
3	64QAM	8	4	21.52	21.64	21.56	22.70
3	64QAM	8	7	21.63	21.72	21.60	22.70
3	64QAM	15	0	21.60	21.78	21.53	22.70
3	256QAM	1	0	19.64	19.77	19.63	20.70
3	256QAM	1	8	19.44	19.63	19.52	20.70
3	256QAM	1	14	19.58	19.63	19.52	20.70
3	256QAM	8	0	19.74	19.71	19.58	20.70
3	256QAM	8	4	19.61	19.74	19.73	20.70
3	256QAM	8	7	19.68	19.82	19.74	20.70
3	256QAM	15	0	19.68	19.80	19.67	20.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.78	24.85	24.71	25.70
1.4	QPSK	1	3	24.63	24.84	24.61	25.70
1.4	QPSK	1	5	24.56	24.72	24.65	25.70
1.4	QPSK	3	0	24.69	24.74	24.59	25.70
1.4	QPSK	3	1	24.63	24.80	24.59	25.70
1.4	QPSK	3	3	24.70	24.63	24.55	25.70
1.4	QPSK	6	0	23.53	23.70	23.50	24.70
1.4	16QAM	1	0	23.87	23.85	23.74	24.70
1.4	16QAM	1	3	23.52	23.64	23.58	24.70
1.4	16QAM	1	5	23.43	23.66	23.59	24.70
1.4	16QAM	3	0	23.66	23.81	23.64	24.70
1.4	16QAM	3	1	23.60	23.64	23.48	24.70
1.4	16QAM	3	3	23.68	23.76	23.68	24.70
1.4	16QAM	6	0	22.64	22.68	22.60	23.70
1.4	64QAM	1	0	22.59	22.86	22.69	23.70
1.4	64QAM	1	3	22.51	22.62	22.54	23.70
1.4	64QAM	1	5	22.66	22.78	22.61	23.70
1.4	64QAM	3	0	22.57	22.73	22.61	23.70
1.4	64QAM	3	1	22.60	22.69	22.54	23.70
1.4	64QAM	3	3	22.64	22.68	22.64	23.70
1.4	64QAM	6	0	21.68	21.71	21.53	22.70
1.4	256QAM	1	0	19.61	19.69	19.65	20.70
1.4	256QAM	1	3	19.45	19.64	19.55	20.70
1.4	256QAM	1	5	19.59	19.68	19.51	20.70
1.4	256QAM	3	0	19.66	19.78	19.61	20.70
1.4	256QAM	3	1	19.58	19.80	19.67	20.70
1.4	256QAM	3	3	19.59	19.84	19.66	20.70
1.4	256QAM	6	0	19.70	19.88	19.64	20.70



【LTE Band 66_Ant 2_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.07	23.10	23.07	24.00
20	QPSK	1	49	22.86	23.01	22.85	24.00
20	QPSK	1	99	22.95	23.06	22.91	24.00
20	QPSK	50	0	22.01	22.10	22.07	23.00
20	QPSK	50	24	21.90	22.02	21.86	23.00
20	QPSK	50	50	21.97	22.04	21.96	23.00
20	QPSK	100	0	21.93	22.06	21.92	23.00
20	16QAM	1	0	21.91	22.08	22.00	23.00
20	16QAM	1	49	22.00	22.11	22.01	23.00
20	16QAM	1	99	22.09	22.18	22.04	23.00
20	16QAM	50	0	20.96	21.12	20.96	22.00
20	16QAM	50	24	20.98	21.03	20.88	22.00
20	16QAM	50	50	20.87	21.02	20.94	22.00
20	16QAM	100	0	20.89	21.05	21.00	22.00
20	64QAM	1	0	20.83	20.92	20.76	22.00
20	64QAM	1	49	20.97	21.03	20.86	22.00
20	64QAM	1	99	20.99	21.10	20.97	22.00
20	64QAM	50	0	20.02	20.12	20.01	21.00
20	64QAM	50	24	19.96	20.02	19.88	21.00
20	64QAM	50	50	19.88	20.03	19.99	21.00
20	64QAM	100	0	19.99	20.04	19.87	21.00
20	256QAM	1	0	17.76	17.87	17.79	19.00
20	256QAM	1	49	17.82	17.92	17.85	19.00
20	256QAM	1	99	17.76	17.89	17.75	19.00
20	256QAM	50	0	18.00	18.10	18.04	19.00
20	256QAM	50	24	17.89	18.01	17.92	19.00
20	256QAM	50	50	17.81	17.98	17.83	19.00
20	256QAM	100	0	17.85	18.02	17.87	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.00	22.97	22.99	24.00
15	QPSK	1	37	22.79	22.94	22.81	24.00
15	QPSK	1	74	22.82	22.91	22.81	24.00
15	QPSK	36	0	21.84	22.06	21.84	23.00
15	QPSK	36	20	21.76	22.01	21.84	23.00
15	QPSK	36	39	21.86	21.91	21.86	23.00
15	QPSK	75	0	21.83	21.99	21.89	23.00
15	16QAM	1	0	21.81	21.96	21.92	23.00
15	16QAM	1	37	21.99	22.04	21.88	23.00
15	16QAM	1	74	21.99	22.15	22.00	23.00
15	16QAM	36	0	20.85	20.99	20.81	22.00
15	16QAM	36	20	20.83	21.00	20.85	22.00
15	16QAM	36	39	20.75	20.92	20.83	22.00
15	16QAM	75	0	20.81	20.94	20.97	22.00
15	64QAM	1	0	20.79	20.89	20.72	22.00
15	64QAM	1	37	20.96	21.02	20.72	22.00
15	64QAM	1	74	20.87	20.98	20.94	22.00
15	64QAM	36	0	19.96	19.97	19.87	21.00
15	64QAM	36	20	19.83	19.92	19.79	21.00
15	64QAM	36	39	19.80	20.01	19.94	21.00
15	64QAM	75	0	19.94	20.02	19.74	21.00
15	256QAM	1	0	17.68	17.73	17.73	19.00
15	256QAM	1	37	17.69	17.91	17.81	19.00
15	256QAM	1	74	17.71	17.77	17.63	19.00
15	256QAM	36	0	17.93	18.03	17.94	19.00
15	256QAM	36	20	17.84	17.88	17.78	19.00
15	256QAM	36	39	17.80	17.84	17.69	19.00
15	256QAM	75	0	17.82	17.94	17.86	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.96	23.08	23.03	24.00
10	QPSK	1	25	22.83	22.98	22.76	24.00
10	QPSK	1	49	22.92	23.04	22.85	24.00
10	QPSK	25	0	21.86	22.02	21.84	23.00
10	QPSK	25	12	21.89	21.90	21.79	23.00
10	QPSK	25	25	21.95	21.96	21.84	23.00
10	QPSK	50	0	21.79	22.01	21.87	23.00
10	16QAM	1	0	21.87	21.94	21.91	23.00
10	16QAM	1	25	21.94	22.08	21.98	23.00
10	16QAM	1	49	21.99	22.13	21.99	23.00
10	16QAM	25	0	20.82	21.10	20.87	22.00



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10	16QAM	25	12	20.89	21.00	20.87	22.00
10	16QAM	25	25	20.77	20.90	20.80	22.00
10	16QAM	50	0	20.75	20.98	20.97	22.00
10	64QAM	1	0	20.70	20.80	20.74	22.00
10	64QAM	1	25	20.82	20.95	20.82	22.00
10	64QAM	1	49	20.88	21.02	20.90	22.00
10	64QAM	25	0	19.89	19.98	19.95	21.00
10	64QAM	25	12	19.88	19.91	19.76	21.00
10	64QAM	25	25	19.82	19.98	19.94	21.00
10	64QAM	50	0	19.88	19.90	19.81	21.00
10	256QAM	1	0	17.69	17.83	17.65	19.00
10	256QAM	1	25	17.72	17.82	17.75	19.00
10	256QAM	1	49	17.72	17.75	17.62	19.00
10	256QAM	25	0	17.87	17.97	17.98	19.00
10	256QAM	25	12	17.84	17.87	17.79	19.00
10	256QAM	25	25	17.76	17.91	17.75	19.00
10	256QAM	50	0	17.73	17.96	17.84	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.92	23.09	23.05	24.00
5	QPSK	1	12	22.82	22.90	22.79	24.00
5	QPSK	1	24	22.90	22.99	22.81	24.00
5	QPSK	12	0	21.83	22.04	21.89	23.00
5	QPSK	12	7	21.77	21.88	21.75	23.00
5	QPSK	12	13	21.88	22.00	21.92	23.00
5	QPSK	25	0	21.84	21.97	21.79	23.00
5	16QAM	1	0	21.88	22.02	21.95	23.00
5	16QAM	1	12	21.86	22.01	21.88	23.00
5	16QAM	1	24	22.05	22.04	21.93	23.00
5	16QAM	12	0	20.83	21.07	20.85	22.00
5	16QAM	12	7	20.83	21.02	20.82	22.00
5	16QAM	12	13	20.81	20.93	20.80	22.00
5	16QAM	25	0	20.85	21.00	20.97	22.00
5	64QAM	1	0	20.79	20.84	20.70	22.00
5	64QAM	1	12	20.87	21.00	20.81	22.00
5	64QAM	1	24	20.92	21.06	20.88	22.00
5	64QAM	12	0	19.91	19.99	19.99	21.00
5	64QAM	12	7	19.82	19.97	19.84	21.00
5	64QAM	12	13	19.84	19.90	19.90	21.00
5	64QAM	25	0	19.94	19.99	19.77	21.00
5	256QAM	1	0	17.64	17.75	17.75	19.00
5	256QAM	1	12	17.70	17.82	17.84	19.00
5	256QAM	1	24	17.70	17.84	17.68	19.00
5	256QAM	12	0	17.94	18.05	17.93	19.00
5	256QAM	12	7	17.77	17.89	17.83	19.00
5	256QAM	12	13	17.71	17.87	17.73	19.00
5	256QAM	25	0	17.71	17.96	17.75	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.96	23.08	23.02	24.00
3	QPSK	1	8	22.81	22.88	22.78	24.00
3	QPSK	1	14	22.92	22.92	22.79	24.00
3	QPSK	8	0	21.83	22.08	21.89	23.00
3	QPSK	8	4	21.89	21.96	21.84	23.00
3	QPSK	8	7	21.89	21.91	21.82	23.00
3	QPSK	15	0	21.83	22.01	21.77	23.00
3	16QAM	1	0	21.87	21.99	21.93	23.00
3	16QAM	1	8	21.94	22.01	21.94	23.00
3	16QAM	1	14	22.04	22.17	21.99	23.00
3	16QAM	8	0	20.94	21.02	20.91	22.00
3	16QAM	8	4	20.89	20.90	20.76	22.00
3	16QAM	8	7	20.79	20.89	20.89	22.00
3	16QAM	15	0	20.82	21.00	20.89	22.00
3	64QAM	1	0	20.79	20.87	20.72	22.00
3	64QAM	1	8	20.84	20.91	20.74	22.00
3	64QAM	1	14	20.85	21.03	20.91	22.00
3	64QAM	8	0	19.98	20.03	19.90	21.00
3	64QAM	8	4	19.89	19.90	19.74	21.00
3	64QAM	8	7	19.80	19.96	19.88	21.00
3	64QAM	15	0	19.93	19.95	19.85	21.00
3	256QAM	1	0	17.68	17.86	17.73	19.00
3	256QAM	1	8	17.81	17.81	17.80	19.00
3	256QAM	1	14	17.67	17.74	17.69	19.00
3	256QAM	8	0	17.86	18.02	18.02	19.00
3	256QAM	8	4	17.79	17.92	17.85	19.00
3	256QAM	8	7	17.74	17.89	17.68	19.00
3	256QAM	15	0	17.72	17.88	17.85	19.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.99	23.04	22.98	24.00
1.4	QPSK	1	3	22.72	22.92	22.72	24.00
1.4	QPSK	1	5	22.83	22.99	22.89	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.86	22.95	22.83	24.00
1.4	QPSK	3	3	22.89	23.01	22.91	24.00
1.4	QPSK	6	0	21.78	21.99	21.89	23.00
1.4	16QAM	1	0	21.89	21.94	21.94	23.00
1.4	16QAM	1	3	21.89	22.04	21.98	23.00
1.4	16QAM	1	5	21.98	22.09	22.00	23.00
1.4	16QAM	3	0	21.94	22.00	21.82	23.00
1.4	16QAM	3	1	21.93	21.91	21.78	23.00
1.4	16QAM	3	3	21.79	21.97	21.80	23.00
1.4	16QAM	6	0	20.87	20.97	20.86	22.00
1.4	64QAM	1	0	20.80	20.78	20.73	22.00
1.4	64QAM	1	3	20.84	20.89	20.75	22.00
1.4	64QAM	1	5	20.92	21.01	20.82	22.00
1.4	64QAM	3	0	20.97	21.08	20.86	22.00
1.4	64QAM	3	1	20.89	20.88	20.73	22.00
1.4	64QAM	3	3	20.83	20.98	20.85	22.00
1.4	64QAM	6	0	19.87	19.96	19.77	21.00
1.4	256QAM	1	0	17.67	17.75	17.76	19.00
1.4	256QAM	1	3	17.78	17.84	17.80	19.00
1.4	256QAM	1	5	17.63	17.76	17.62	19.00
1.4	256QAM	3	0	17.98	17.99	17.98	19.00
1.4	256QAM	3	1	17.86	17.91	17.90	19.00
1.4	256QAM	3	3	17.67	17.92	17.68	19.00
1.4	256QAM	6	0	17.77	17.90	17.75	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.59	17.64	17.58	18.20
20	QPSK	1	49	17.48	17.60	17.52	18.20
20	QPSK	1	99	17.41	17.58	17.51	18.20
20	QPSK	50	0	17.49	17.60	17.45	18.20
20	QPSK	50	24	17.36	17.55	17.37	18.20
20	QPSK	50	50	17.40	17.51	17.35	18.20
20	QPSK	100	0	17.38	17.53	17.32	18.20
20	16QAM	1	0	17.34	17.48	17.34	18.20
20	16QAM	1	49	17.27	17.46	17.30	18.20
20	16QAM	1	99	17.39	17.50	17.40	18.20
20	16QAM	50	0	17.35	17.52	17.34	18.20
20	16QAM	50	24	17.28	17.47	17.34	18.20
20	16QAM	50	50	17.47	17.55	17.38	18.20
20	16QAM	100	0	17.34	17.40	17.29	18.20
20	64QAM	1	0	17.28	17.42	17.34	18.20
20	64QAM	1	49	17.27	17.41	17.21	18.20
20	64QAM	1	99	17.26	17.36	17.28	18.20
20	64QAM	50	0	17.31	17.42	17.29	18.20
20	64QAM	50	24	17.15	17.32	17.23	18.20
20	64QAM	50	50	17.22	17.40	17.31	18.20
20	64QAM	100	0	17.30	17.48	17.27	18.20
20	256QAM	1	0	17.27	17.37	17.29	18.20
20	256QAM	1	49	17.39	17.49	17.33	18.20
20	256QAM	1	99	17.25	17.38	17.29	18.20
20	256QAM	50	0	17.31	17.43	17.23	18.20
20	256QAM	50	24	17.26	17.37	17.17	18.20
20	256QAM	50	50	17.18	17.33	17.15	18.20
20	256QAM	100	0	17.31	17.45	17.30	18.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.55	17.53	17.49	18.20
15	QPSK	1	37	17.36	17.49	17.38	18.20
15	QPSK	1	74	17.29	17.53	17.40	18.20
15	QPSK	36	0	17.37	17.48	17.31	18.20
15	QPSK	36	20	17.28	17.49	17.29	18.20
15	QPSK	36	39	17.38	17.41	17.32	18.20
15	QPSK	75	0	17.33	17.51	17.18	18.20



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15	16QAM	1	0	17.22	17.35	17.30	18.20
15	16QAM	1	37	17.19	17.44	17.19	18.20
15	16QAM	1	74	17.33	17.47	17.37	18.20
15	16QAM	36	0	17.31	17.51	17.19	18.20
15	16QAM	36	20	17.21	17.42	17.27	18.20
15	16QAM	36	39	17.33	17.50	17.30	18.20
15	16QAM	75	0	17.32	17.27	17.19	18.20
15	64QAM	1	0	17.18	17.35	17.32	18.20
15	64QAM	1	37	17.19	17.39	17.13	18.20
15	64QAM	1	74	17.20	17.31	17.22	18.20
15	64QAM	36	0	17.28	17.37	17.19	18.20
15	64QAM	36	20	17.04	17.19	17.10	18.20
15	64QAM	36	39	17.17	17.35	17.28	18.20
15	64QAM	75	0	17.21	17.40	17.18	18.20
15	256QAM	1	0	17.25	17.28	17.17	18.20
15	256QAM	1	37	17.25	17.41	17.29	18.20
15	256QAM	1	74	17.16	17.30	17.23	18.20
15	256QAM	36	0	17.28	17.33	17.16	18.20
15	256QAM	36	20	17.20	17.30	17.08	18.20
15	256QAM	36	39	17.04	17.19	17.02	18.20
15	256QAM	75	0	17.22	17.42	17.18	18.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.57	17.53	17.50	18.20
10	QPSK	1	25	17.43	17.46	17.38	18.20
10	QPSK	1	49	17.30	17.46	17.50	18.20
10	QPSK	25	0	17.39	17.50	17.30	18.20
10	QPSK	25	12	17.21	17.49	17.33	18.20
10	QPSK	25	25	17.37	17.39	17.27	18.20
10	QPSK	50	0	17.35	17.42	17.18	18.20
10	16QAM	1	0	17.33	17.41	17.25	18.20
10	16QAM	1	25	17.21	17.34	17.22	18.20
10	16QAM	1	49	17.25	17.42	17.36	18.20
10	16QAM	25	0	17.33	17.42	17.26	18.20
10	16QAM	25	12	17.25	17.44	17.25	18.20
10	16QAM	25	25	17.33	17.49	17.35	18.20
10	16QAM	50	0	17.27	17.34	17.16	18.20
10	64QAM	1	0	17.15	17.30	17.22	18.20
10	64QAM	1	25	17.16	17.36	17.11	18.20
10	64QAM	1	49	17.14	17.28	17.16	18.20
10	64QAM	25	0	17.20	17.36	17.20	18.20
10	64QAM	25	12	17.04	17.19	17.11	18.20
10	64QAM	25	25	17.08	17.31	17.28	18.20
10	64QAM	50	0	17.28	17.37	17.16	18.20
10	256QAM	1	0	17.14	17.35	17.27	18.20
10	256QAM	1	25	17.31	17.40	17.22	18.20
10	256QAM	1	49	17.18	17.23	17.21	18.20
10	256QAM	25	0	17.29	17.41	17.17	18.20
10	256QAM	25	12	17.21	17.30	17.09	18.20
10	256QAM	25	25	17.07	17.24	17.00	18.20
10	256QAM	50	0	17.26	17.44	17.24	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.47	17.56	17.54	18.20
5	QPSK	1	12	17.34	17.55	17.43	18.20
5	QPSK	1	24	17.36	17.48	17.47	18.20
5	QPSK	12	0	17.45	17.58	17.26	18.20
5	QPSK	12	7	17.31	17.41	17.28	18.20
5	QPSK	12	13	17.31	17.38	17.29	18.20
5	QPSK	25	0	17.29	17.40	17.19	18.20
5	16QAM	1	0	17.22	17.39	17.23	18.20
5	16QAM	1	12	17.16	17.36	17.20	18.20
5	16QAM	1	24	17.29	17.36	17.34	18.20
5	16QAM	12	0	17.21	17.50	17.24	18.20
5	16QAM	12	7	17.21	17.40	17.24	18.20
5	16QAM	12	13	17.35	17.41	17.27	18.20
5	16QAM	25	0	17.31	17.25	17.28	18.20
5	64QAM	1	0	17.21	17.27	17.32	18.20
5	64QAM	1	12	17.19	17.36	17.19	18.20
5	64QAM	1	24	17.16	17.32	17.14	18.20
5	64QAM	12	0	17.26	17.29	17.24	18.20
5	64QAM	12	7	17.10	17.29	17.14	18.20
5	64QAM	12	13	17.15	17.28	17.18	18.20
5	64QAM	25	0	17.22	17.33	17.19	18.20
5	256QAM	1	0	17.15	17.30	17.28	18.20
5	256QAM	1	12	17.27	17.45	17.28	18.20
5	256QAM	1	24	17.14	17.27	17.27	18.20
5	256QAM	12	0	17.19	17.34	17.09	18.20



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5	256QAM	12	7	17.12	17.31	17.15	18.20
5	256QAM	12	13	17.09	17.22	17.08	18.20
5	256QAM	25	0	17.26	17.43	17.18	18.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.54	17.59	17.51	18.20
3	QPSK	1	8	17.34	17.58	17.46	18.20
3	QPSK	1	14	17.36	17.51	17.49	18.20
3	QPSK	8	0	17.35	17.54	17.25	18.20
3	QPSK	8	4	17.28	17.43	17.33	18.20
3	QPSK	8	7	17.30	17.38	17.33	18.20
3	QPSK	15	0	17.25	17.48	17.19	18.20
3	16QAM	1	0	17.28	17.40	17.31	18.20
3	16QAM	1	8	17.16	17.35	17.19	18.20
3	16QAM	1	14	17.30	17.47	17.37	18.20
3	16QAM	8	0	17.24	17.47	17.24	18.20
3	16QAM	8	4	17.20	17.46	17.23	18.20
3	16QAM	8	7	17.45	17.41	17.29	18.20
3	16QAM	15	0	17.24	17.25	17.17	18.20
3	64QAM	1	0	17.25	17.39	17.29	18.20
3	64QAM	1	8	17.16	17.29	17.09	18.20
3	64QAM	1	14	17.21	17.33	17.27	18.20
3	64QAM	8	0	17.23	17.36	17.17	18.20
3	64QAM	8	4	17.09	17.17	17.16	18.20
3	64QAM	8	7	17.19	17.37	17.21	18.20
3	64QAM	15	0	17.22	17.43	17.18	18.20
3	256QAM	1	0	17.22	17.35	17.20	18.20
3	256QAM	1	8	17.33	17.46	17.27	18.20
3	256QAM	1	14	17.16	17.25	17.22	18.20
3	256QAM	8	0	17.27	17.34	17.15	18.20
3	256QAM	8	4	17.12	17.28	17.13	18.20
3	256QAM	8	7	17.05	17.31	17.14	18.20
3	256QAM	15	0	17.18	17.40	17.25	18.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.48	17.53	17.44	18.20
1.4	QPSK	1	3	17.38	17.59	17.42	18.20
1.4	QPSK	1	5	17.31	17.46	17.47	18.20
1.4	QPSK	3	0	17.42	17.48	17.32	18.20
1.4	QPSK	3	1	17.23	17.48	17.34	18.20
1.4	QPSK	3	3	17.30	17.37	17.32	18.20
1.4	QPSK	6	0	17.33	17.47	17.27	18.20
1.4	16QAM	1	0	17.26	17.47	17.33	18.20
1.4	16QAM	1	3	17.16	17.40	17.16	18.20
1.4	16QAM	1	5	17.25	17.41	17.33	18.20
1.4	16QAM	3	0	17.25	17.43	17.27	18.20
1.4	16QAM	3	1	17.15	17.37	17.29	18.20
1.4	16QAM	3	3	17.37	17.42	17.34	18.20
1.4	16QAM	6	0	17.33	17.27	17.21	18.20
1.4	64QAM	1	0	17.26	17.35	17.27	18.20
1.4	64QAM	1	3	17.19	17.30	17.12	18.20
1.4	64QAM	1	5	17.19	17.21	17.25	18.20
1.4	64QAM	3	0	17.22	17.30	17.15	18.20
1.4	64QAM	3	1	17.04	17.30	17.17	18.20
1.4	64QAM	3	3	17.15	17.38	17.23	18.20
1.4	64QAM	6	0	17.26	17.38	17.17	18.20
1.4	256QAM	1	0	17.17	17.24	17.21	18.20
1.4	256QAM	1	3	17.28	17.38	17.19	18.20
1.4	256QAM	1	5	17.21	17.24	17.21	18.20
1.4	256QAM	3	0	17.28	17.42	17.15	18.20
1.4	256QAM	3	1	17.17	17.26	17.10	18.20
1.4	256QAM	3	3	17.05	17.29	17.09	18.20
1.4	256QAM	6	0	17.26	17.39	17.18	18.20



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	18.20
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.53	17.60	17.58	18.20
20	QPSK	1	49	17.10	17.27	17.07	18.20
20	QPSK	1	99	17.09	17.22	17.04	18.20
20	QPSK	50	0	17.24	17.31	17.29	18.20
20	QPSK	50	24	17.07	17.28	17.15	18.20
20	QPSK	50	50	17.05	17.17	17.06	18.20
20	QPSK	100	0	17.05	17.13	17.04	18.20
20	16QAM	1	0	17.06	17.18	16.97	18.20
20	16QAM	1	49	17.12	17.27	17.07	18.20
20	16QAM	1	99	17.06	17.21	17.10	18.20
20	16QAM	50	0	17.12	17.20	17.00	18.20
20	16QAM	50	24	17.00	17.15	17.04	18.20
20	16QAM	50	50	17.03	17.17	17.00	18.20
20	16QAM	100	0	17.06	17.23	17.12	18.20
20	64QAM	1	0	17.03	17.16	17.07	18.20
20	64QAM	1	49	17.07	17.23	17.06	18.20
20	64QAM	1	99	17.12	17.25	17.10	18.20
20	64QAM	50	0	17.12	17.23	17.08	18.20
20	64QAM	50	24	17.10	17.26	17.06	18.20
20	64QAM	50	50	17.06	17.15	17.02	18.20
20	64QAM	100	0	17.15	17.25	17.15	18.20
20	256QAM	1	0	17.07	17.19	17.11	18.20
20	256QAM	1	49	17.10	17.18	17.02	18.20
20	256QAM	1	99	17.10	17.23	17.05	18.20
20	256QAM	50	0	17.19	17.40	17.26	18.20
20	256QAM	50	24	17.19	17.27	17.16	18.20
20	256QAM	50	50	17.00	17.22	17.03	18.20
20	256QAM	100	0	17.06	17.19	17.11	18.20
Channel				132047	132322	132597	18.20
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.27	17.37	17.22	18.20
15	QPSK	1	37	16.96	17.17	17.03	18.20
15	QPSK	1	74	17.02	17.19	16.93	18.20
15	QPSK	36	0	17.19	17.23	17.28	18.20
15	QPSK	36	20	17.00	17.15	17.13	18.20
15	QPSK	36	39	17.03	17.08	17.00	18.20
15	QPSK	75	0	16.98	17.01	16.90	18.20
15	16QAM	1	0	17.04	17.13	16.87	18.20
15	16QAM	1	37	17.04	17.12	17.05	18.20
15	16QAM	1	74	16.97	17.13	17.08	18.20
15	16QAM	36	0	17.04	17.08	16.96	18.20
15	16QAM	36	20	16.87	17.13	16.91	18.20
15	16QAM	36	39	16.93	17.14	16.91	18.20
15	16QAM	75	0	16.97	17.14	17.05	18.20
15	64QAM	1	0	16.96	17.13	16.92	18.20
15	64QAM	1	37	17.02	17.11	17.00	18.20
15	64QAM	1	74	17.01	17.17	17.06	18.20
15	64QAM	36	0	17.00	17.11	16.96	18.20
15	64QAM	36	20	17.05	17.24	16.95	18.20
15	64QAM	36	39	16.93	17.04	17.00	18.20
15	64QAM	75	0	17.08	17.10	17.13	18.20
15	256QAM	1	0	16.95	17.16	17.08	18.20
15	256QAM	1	37	16.98	17.04	16.98	18.20
15	256QAM	1	74	16.96	17.17	16.94	18.20
15	256QAM	36	0	17.08	17.30	17.23	18.20
15	256QAM	36	20	17.08	17.17	17.07	18.20
15	256QAM	36	39	16.88	17.10	16.99	18.20
15	256QAM	75	0	16.93	17.10	16.99	18.20
Channel				132022	132322	132622	18.20
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.30	17.28	17.20	18.20
10	QPSK	1	25	17.06	17.15	16.97	18.20
10	QPSK	1	49	16.94	17.18	17.03	18.20
10	QPSK	25	0	17.18	17.25	17.22	18.20
10	QPSK	25	12	17.06	17.25	17.08	18.20
10	QPSK	25	25	16.99	17.15	16.93	18.20
10	QPSK	50	0	17.00	17.07	16.97	18.20
10	16QAM	1	0	16.99	17.03	16.88	18.20
10	16QAM	1	25	17.03	17.22	17.03	18.20
10	16QAM	1	49	17.01	17.14	17.05	18.20
10	16QAM	25	0	17.10	17.09	16.90	18.20



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10	16QAM	25	12	16.92	17.09	16.99	18.20
10	16QAM	25	25	17.01	17.14	16.85	18.20
10	16QAM	50	0	16.99	17.12	17.11	18.20
10	64QAM	1	0	16.98	17.03	17.04	18.20
10	64QAM	1	25	17.04	17.17	17.02	18.20
10	64QAM	1	49	17.03	17.17	17.01	18.20
10	64QAM	25	0	16.98	17.17	17.07	18.20
10	64QAM	25	12	16.96	17.15	16.97	18.20
10	64QAM	25	25	17.02	17.09	16.92	18.20
10	64QAM	50	0	17.11	17.22	17.11	18.20
10	256QAM	1	0	17.04	17.12	17.08	18.20
10	256QAM	1	25	17.07	17.11	16.92	18.20
10	256QAM	1	49	17.01	17.16	16.98	18.20
10	256QAM	25	0	17.05	17.25	17.22	18.20
10	256QAM	25	12	17.15	17.23	17.03	18.20
10	256QAM	25	25	16.95	17.16	16.95	18.20
10	256QAM	50	0	17.00	17.08	17.03	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.25	17.34	17.32	18.20
5	QPSK	1	12	16.97	17.16	16.94	18.20
5	QPSK	1	24	17.02	17.14	16.90	18.20
5	QPSK	12	0	17.14	17.21	17.17	18.20
5	QPSK	12	7	16.93	17.15	17.06	18.20
5	QPSK	12	13	16.91	17.10	17.01	18.20
5	QPSK	25	0	16.98	17.11	16.99	18.20
5	16QAM	1	0	17.00	17.05	16.83	18.20
5	16QAM	1	12	17.06	17.19	17.01	18.20
5	16QAM	1	24	16.93	17.10	16.97	18.20
5	16QAM	12	0	17.07	17.14	16.87	18.20
5	16QAM	12	7	16.88	17.09	17.01	18.20
5	16QAM	12	13	16.98	17.07	16.98	18.20
5	16QAM	25	0	17.04	17.19	17.02	18.20
5	64QAM	1	0	17.01	17.05	16.99	18.20
5	64QAM	1	12	17.03	17.10	16.96	18.20
5	64QAM	1	24	16.98	17.16	16.97	18.20
5	64QAM	12	0	17.10	17.14	16.93	18.20
5	64QAM	12	7	16.96	17.15	16.98	18.20
5	64QAM	12	13	16.92	17.12	16.93	18.20
5	64QAM	25	0	17.11	17.20	17.01	18.20
5	256QAM	1	0	16.93	17.17	16.98	18.20
5	256QAM	1	12	17.09	17.13	16.93	18.20
5	256QAM	1	24	17.08	17.13	16.96	18.20
5	256QAM	12	0	17.18	17.31	17.18	18.20
5	256QAM	12	7	17.15	17.26	17.09	18.20
5	256QAM	12	13	16.92	17.10	17.00	18.20
5	256QAM	25	0	16.95	17.11	17.00	18.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.19	17.33	17.24	18.20
3	QPSK	1	8	17.03	17.15	17.00	18.20
3	QPSK	1	14	17.06	17.07	16.95	18.20
3	QPSK	8	0	17.19	17.27	17.19	18.20
3	QPSK	8	4	16.98	17.17	17.07	18.20
3	QPSK	8	7	16.92	17.02	17.03	18.20
3	QPSK	15	0	17.02	17.04	16.92	18.20
3	16QAM	1	0	16.93	17.09	16.87	18.20
3	16QAM	1	8	17.02	17.16	16.93	18.20
3	16QAM	1	14	16.92	17.20	17.01	18.20
3	16QAM	8	0	17.06	17.17	16.98	18.20
3	16QAM	8	4	16.97	17.13	16.94	18.20
3	16QAM	8	7	16.94	17.04	16.95	18.20
3	16QAM	15	0	17.02	17.14	17.05	18.20
3	64QAM	1	0	16.95	17.13	16.99	18.20
3	64QAM	1	8	16.93	17.22	16.93	18.20
3	64QAM	1	14	17.08	17.14	17.00	18.20
3	64QAM	8	0	17.02	17.09	17.03	18.20
3	64QAM	8	4	17.09	17.19	17.04	18.20
3	64QAM	8	7	16.92	17.06	16.95	18.20
3	64QAM	15	0	17.02	17.17	17.05	18.20
3	256QAM	1	0	16.93	17.11	17.02	18.20
3	256QAM	1	8	16.95	17.17	16.99	18.20
3	256QAM	1	14	17.03	17.14	16.94	18.20
3	256QAM	8	0	17.17	17.29	17.14	18.20
3	256QAM	8	4	17.10	17.12	17.11	18.20
3	256QAM	8	7	16.99	17.11	16.93	18.20
3	256QAM	15	0	16.94	17.08	17.03	18.20
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.22	17.33	17.25	18.20
1.4	QPSK	1	3	17.02	17.16	16.98	18.20
1.4	QPSK	1	5	17.08	17.11	16.95	18.20
1.4	QPSK	3	0	17.13	17.23	17.21	18.20
1.4	QPSK	3	1	17.06	17.25	17.12	18.20
1.4	QPSK	3	3	17.04	17.08	16.95	18.20
1.4	QPSK	6	0	16.94	17.08	16.99	18.20
1.4	16QAM	1	0	17.04	17.06	16.85	18.20
1.4	16QAM	1	3	17.07	17.22	17.01	18.20
1.4	16QAM	1	5	17.04	17.18	17.01	18.20
1.4	16QAM	3	0	17.01	17.11	16.85	18.20
1.4	16QAM	3	1	16.94	17.05	16.90	18.20
1.4	16QAM	3	3	17.01	17.10	16.97	18.20
1.4	16QAM	6	0	16.97	17.12	17.09	18.20
1.4	64QAM	1	0	16.99	17.11	16.93	18.20
1.4	64QAM	1	3	16.98	17.17	16.99	18.20
1.4	64QAM	1	5	17.00	17.14	16.95	18.20
1.4	64QAM	3	0	17.06	17.17	17.01	18.20
1.4	64QAM	3	1	16.96	17.24	16.95	18.20
1.4	64QAM	3	3	17.00	17.14	16.94	18.20
1.4	64QAM	6	0	17.02	17.18	17.05	18.20
1.4	256QAM	1	0	17.03	17.10	16.98	18.20
1.4	256QAM	1	3	16.98	17.14	16.92	18.20
1.4	256QAM	1	5	17.04	17.13	16.90	18.20
1.4	256QAM	3	0	17.16	17.27	17.14	18.20
1.4	256QAM	3	1	17.13	17.15	17.14	18.20
1.4	256QAM	3	3	16.94	17.14	16.94	18.20
1.4	256QAM	6	0	16.93	17.16	17.05	18.20

【LTE Band 66_Ant 2_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.63	17.67	17.65	18.50
20	QPSK	1	49	17.33	17.50	17.43	18.50
20	QPSK	1	99	17.30	17.48	17.34	18.50
20	QPSK	50	0	17.51	17.54	17.49	18.50
20	QPSK	50	24	17.36	17.53	17.50	18.50
20	QPSK	50	50	17.34	17.42	17.32	18.50
20	QPSK	100	0	17.36	17.43	17.36	18.50
20	16QAM	1	0	17.48	17.55	17.49	18.50
20	16QAM	1	49	17.42	17.48	17.37	18.50
20	16QAM	1	99	17.37	17.48	17.38	18.50
20	16QAM	50	0	17.26	17.45	17.32	18.50
20	16QAM	50	24	17.38	17.53	17.50	18.50
20	16QAM	50	50	17.38	17.44	17.37	18.50
20	16QAM	100	0	17.38	17.56	17.52	18.50
20	64QAM	1	0	17.36	17.46	17.38	18.50
20	64QAM	1	49	17.30	17.48	17.43	18.50
20	64QAM	1	99	17.38	17.51	17.44	18.50
20	64QAM	50	0	17.41	17.53	17.45	18.50
20	64QAM	50	24	17.42	17.48	17.33	18.50
20	64QAM	50	50	17.30	17.46	17.41	18.50
20	64QAM	100	0	17.39	17.48	17.37	18.50
20	256QAM	1	0	17.32	17.43	17.36	18.50
20	256QAM	1	49	17.48	17.55	17.49	18.50
20	256QAM	1	99	17.43	17.56	17.45	18.50
20	256QAM	50	0	17.53	17.67	17.63	18.50
20	256QAM	50	24	17.36	17.50	17.47	18.50
20	256QAM	50	50	17.37	17.48	17.36	18.50
20	256QAM	100	0	17.47	17.54	17.41	18.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.55	17.65	17.62	18.50
15	QPSK	1	37	17.19	17.46	17.35	18.50
15	QPSK	1	74	17.19	17.40	17.27	18.50
15	QPSK	36	0	17.48	17.44	17.35	18.50
15	QPSK	36	20	17.28	17.45	17.38	18.50
15	QPSK	36	39	17.29	17.29	17.22	18.50
15	QPSK	75	0	17.32	17.32	17.28	18.50



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15	16QAM	1	0	17.44	17.49	17.43	18.50
15	16QAM	1	37	17.28	17.40	17.24	18.50
15	16QAM	1	74	17.34	17.47	17.28	18.50
15	16QAM	36	0	17.15	17.32	17.29	18.50
15	16QAM	36	20	17.28	17.47	17.48	18.50
15	16QAM	36	39	17.32	17.32	17.24	18.50
15	16QAM	75	0	17.32	17.54	17.51	18.50
15	64QAM	1	0	17.25	17.38	17.37	18.50
15	64QAM	1	37	17.29	17.45	17.31	18.50
15	64QAM	1	74	17.27	17.42	17.31	18.50
15	64QAM	36	0	17.28	17.50	17.39	18.50
15	64QAM	36	20	17.36	17.40	17.21	18.50
15	64QAM	36	39	17.22	17.31	17.28	18.50
15	64QAM	75	0	17.36	17.45	17.34	18.50
15	256QAM	1	0	17.24	17.31	17.34	18.50
15	256QAM	1	37	17.41	17.52	17.46	18.50
15	256QAM	1	74	17.39	17.51	17.31	18.50
15	256QAM	36	0	17.49	17.56	17.57	18.50
15	256QAM	36	20	17.22	17.35	17.33	18.50
15	256QAM	36	39	17.24	17.38	17.26	18.50
15	256QAM	75	0	17.45	17.40	17.32	18.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.58	17.53	17.55	18.50
10	QPSK	1	25	17.29	17.46	17.34	18.50
10	QPSK	1	49	17.18	17.42	17.26	18.50
10	QPSK	25	0	17.47	17.39	17.34	18.50
10	QPSK	25	12	17.30	17.43	17.47	18.50
10	QPSK	25	25	17.33	17.36	17.19	18.50
10	QPSK	50	0	17.30	17.29	17.32	18.50
10	16QAM	1	0	17.37	17.47	17.40	18.50
10	16QAM	1	25	17.37	17.35	17.34	18.50
10	16QAM	1	49	17.27	17.45	17.36	18.50
10	16QAM	25	0	17.13	17.42	17.21	18.50
10	16QAM	25	12	17.34	17.49	17.47	18.50
10	16QAM	25	25	17.23	17.38	17.23	18.50
10	16QAM	50	0	17.31	17.47	17.49	18.50
10	64QAM	1	0	17.27	17.39	17.36	18.50
10	64QAM	1	25	17.26	17.43	17.35	18.50
10	64QAM	1	49	17.29	17.40	17.31	18.50
10	64QAM	25	0	17.34	17.52	17.36	18.50
10	64QAM	25	12	17.28	17.43	17.30	18.50
10	64QAM	25	25	17.28	17.44	17.27	18.50
10	64QAM	50	0	17.33	17.37	17.35	18.50
10	256QAM	1	0	17.27	17.30	17.29	18.50
10	256QAM	1	25	17.39	17.50	17.35	18.50
10	256QAM	1	49	17.40	17.46	17.38	18.50
10	256QAM	25	0	17.44	17.56	17.57	18.50
10	256QAM	25	12	17.32	17.43	17.44	18.50
10	256QAM	25	25	17.28	17.45	17.30	18.50
10	256QAM	50	0	17.37	17.52	17.34	18.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.54	17.61	17.60	18.50
5	QPSK	1	12	17.21	17.36	17.36	18.50
5	QPSK	1	24	17.27	17.39	17.20	18.50
5	QPSK	12	0	17.42	17.47	17.44	18.50
5	QPSK	12	7	17.27	17.43	17.46	18.50
5	QPSK	12	13	17.24	17.29	17.30	18.50
5	QPSK	25	0	17.26	17.30	17.34	18.50
5	16QAM	1	0	17.42	17.54	17.42	18.50
5	16QAM	1	12	17.35	17.42	17.35	18.50
5	16QAM	1	24	17.33	17.46	17.26	18.50
5	16QAM	12	0	17.17	17.32	17.27	18.50
5	16QAM	12	7	17.36	17.43	17.37	18.50
5	16QAM	12	13	17.24	17.39	17.34	18.50
5	16QAM	25	0	17.34	17.44	17.45	18.50
5	64QAM	1	0	17.35	17.31	17.31	18.50
5	64QAM	1	12	17.20	17.36	17.37	18.50
5	64QAM	1	24	17.36	17.41	17.33	18.50
5	64QAM	12	0	17.32	17.52	17.33	18.50
5	64QAM	12	7	17.39	17.43	17.30	18.50
5	64QAM	12	13	17.20	17.41	17.29	18.50
5	64QAM	25	0	17.27	17.44	17.28	18.50
5	256QAM	1	0	17.18	17.40	17.25	18.50
5	256QAM	1	12	17.34	17.49	17.43	18.50
5	256QAM	1	24	17.30	17.42	17.37	18.50
5	256QAM	12	0	17.52	17.53	17.53	18.50



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5	256QAM	12	7	17.31	17.49	17.41	18.50
5	256QAM	12	13	17.24	17.40	17.22	18.50
5	256QAM	25	0	17.35	17.47	17.36	18.50
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.54	17.59	17.62	18.50
3	QPSK	1	8	17.30	17.46	17.35	18.50
3	QPSK	1	14	17.25	17.47	17.20	18.50
3	QPSK	8	0	17.38	17.41	17.46	18.50
3	QPSK	8	4	17.34	17.46	17.46	18.50
3	QPSK	8	7	17.25	17.39	17.24	18.50
3	QPSK	15	0	17.24	17.42	17.22	18.50
3	16QAM	1	0	17.44	17.41	17.38	18.50
3	16QAM	1	8	17.40	17.38	17.35	18.50
3	16QAM	1	14	17.33	17.36	17.34	18.50
3	16QAM	8	0	17.12	17.32	17.29	18.50
3	16QAM	8	4	17.34	17.40	17.37	18.50
3	16QAM	8	7	17.32	17.33	17.25	18.50
3	16QAM	15	0	17.26	17.49	17.46	18.50
3	64QAM	1	0	17.25	17.33	17.31	18.50
3	64QAM	1	8	17.17	17.33	17.30	18.50
3	64QAM	1	14	17.37	17.48	17.33	18.50
3	64QAM	8	0	17.31	17.49	17.40	18.50
3	64QAM	8	4	17.40	17.38	17.30	18.50
3	64QAM	8	7	17.23	17.34	17.26	18.50
3	64QAM	15	0	17.33	17.47	17.31	18.50
3	256QAM	1	0	17.29	17.36	17.29	18.50
3	256QAM	1	8	17.39	17.53	17.35	18.50
3	256QAM	1	14	17.41	17.51	17.41	18.50
3	256QAM	8	0	17.44	17.66	17.49	18.50
3	256QAM	8	4	17.23	17.37	17.45	18.50
3	256QAM	8	7	17.27	17.38	17.28	18.50
3	256QAM	15	0	17.38	17.53	17.32	18.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.56	17.58	17.55	18.50
1.4	QPSK	1	3	17.20	17.38	17.35	18.50
1.4	QPSK	1	5	17.17	17.41	17.27	18.50
1.4	QPSK	3	0	17.38	17.47	17.38	18.50
1.4	QPSK	3	1	17.30	17.41	17.42	18.50
1.4	QPSK	3	3	17.21	17.33	17.24	18.50
1.4	QPSK	6	0	17.23	17.38	17.25	18.50
1.4	16QAM	1	0	17.36	17.52	17.45	18.50
1.4	16QAM	1	3	17.36	17.43	17.25	18.50
1.4	16QAM	1	5	17.29	17.36	17.31	18.50
1.4	16QAM	3	0	17.15	17.43	17.22	18.50
1.4	16QAM	3	1	17.24	17.48	17.36	18.50
1.4	16QAM	3	3	17.26	17.34	17.23	18.50
1.4	16QAM	6	0	17.28	17.49	17.45	18.50
1.4	64QAM	1	0	17.31	17.33	17.34	18.50
1.4	64QAM	1	3	17.22	17.38	17.37	18.50
1.4	64QAM	1	5	17.34	17.49	17.37	18.50
1.4	64QAM	3	0	17.31	17.50	17.30	18.50
1.4	64QAM	3	1	17.29	17.34	17.32	18.50
1.4	64QAM	3	3	17.19	17.36	17.38	18.50
1.4	64QAM	6	0	17.34	17.37	17.23	18.50
1.4	256QAM	1	0	17.29	17.40	17.30	18.50
1.4	256QAM	1	3	17.47	17.51	17.34	18.50
1.4	256QAM	1	5	17.41	17.52	17.38	18.50
1.4	256QAM	3	0	17.52	17.59	17.49	18.50
1.4	256QAM	3	1	17.33	17.39	17.33	18.50
1.4	256QAM	3	3	17.25	17.38	17.22	18.50
1.4	256QAM	6	0	17.37	17.52	17.27	18.50

【LTE Band 66_Ant 3_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.74	24.78	24.70	25.70
20	QPSK	1	49	24.69	24.75	24.54	25.70
20	QPSK	1	99	24.62	24.70	24.59	25.70
20	QPSK	50	0	23.79	23.87	23.71	24.70
20	QPSK	50	24	23.71	23.85	23.64	24.70
20	QPSK	50	50	23.70	23.81	23.65	24.70
20	QPSK	100	0	23.75	23.89	23.76	24.70
20	16QAM	1	0	23.99	24.06	23.90	24.70
20	16QAM	1	49	24.03	24.10	23.97	24.70
20	16QAM	1	99	23.89	24.01	23.85	24.70
20	16QAM	50	0	22.78	22.87	22.65	23.70
20	16QAM	50	24	22.82	22.87	22.68	23.70
20	16QAM	50	50	22.81	22.90	22.75	23.70
20	16QAM	100	0	22.81	22.89	22.71	23.70
20	64QAM	1	0	22.79	22.96	22.87	23.70
20	64QAM	1	49	22.82	22.95	22.80	23.70
20	64QAM	1	99	22.95	23.02	22.81	23.70
20	64QAM	50	0	21.80	21.86	21.66	22.70
20	64QAM	50	24	21.67	21.84	21.75	22.70
20	64QAM	50	50	21.85	21.90	21.70	22.70
20	64QAM	100	0	21.75	21.90	21.71	22.70
20	256QAM	1	0	19.69	19.84	19.70	20.70
20	256QAM	1	49	19.87	19.93	19.80	20.70
20	256QAM	1	99	19.81	19.96	19.77	20.70
20	256QAM	50	0	19.70	19.81	19.61	20.70
20	256QAM	50	24	19.71	19.84	19.70	20.70
20	256QAM	50	50	19.73	19.88	19.74	20.70
20	256QAM	100	0	19.77	19.85	19.69	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.63	24.73	24.57	25.70
15	QPSK	1	37	24.61	24.72	24.48	25.70
15	QPSK	1	74	24.57	24.56	24.55	25.70
15	QPSK	36	0	23.68	23.85	23.69	24.70
15	QPSK	36	20	23.59	23.72	23.52	24.70
15	QPSK	36	39	23.67	23.67	23.51	24.70
15	QPSK	75	0	23.69	23.83	23.74	24.70
15	16QAM	1	0	23.85	23.92	23.84	24.70
15	16QAM	1	37	23.97	24.01	23.88	24.70
15	16QAM	1	74	23.84	23.92	23.80	24.70
15	16QAM	36	0	22.68	22.83	22.51	23.70
15	16QAM	36	20	22.74	22.74	22.64	23.70
15	16QAM	36	39	22.69	22.85	22.65	23.70
15	16QAM	75	0	22.69	22.76	22.65	23.70
15	64QAM	1	0	22.72	22.83	22.80	23.70
15	64QAM	1	37	22.69	22.82	22.75	23.70
15	64QAM	1	74	22.85	22.91	22.75	23.70
15	64QAM	36	0	21.66	21.78	21.54	22.70
15	64QAM	36	20	21.58	21.79	21.72	22.70
15	64QAM	36	39	21.75	21.75	21.63	22.70
15	64QAM	75	0	21.72	21.87	21.57	22.70
15	256QAM	1	0	19.56	19.82	19.66	20.70
15	256QAM	1	37	19.80	19.82	19.71	20.70
15	256QAM	1	74	19.68	19.83	19.76	20.70
15	256QAM	36	0	19.58	19.67	19.48	20.70
15	256QAM	36	20	19.58	19.82	19.65	20.70
15	256QAM	36	39	19.59	19.82	19.63	20.70
15	256QAM	75	0	19.71	19.76	19.56	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.70	24.66	24.56	25.70
10	QPSK	1	25	24.68	24.68	24.49	25.70
10	QPSK	1	49	24.49	24.58	24.55	25.70
10	QPSK	25	0	23.69	23.73	23.56	24.70
10	QPSK	25	12	23.70	23.74	23.58	24.70
10	QPSK	25	25	23.60	23.79	23.58	24.70
10	QPSK	50	0	23.60	23.79	23.72	24.70
10	16QAM	1	0	23.91	23.97	23.87	24.70
10	16QAM	1	25	23.93	24.09	23.92	24.70
10	16QAM	1	49	23.82	23.94	23.81	24.70
10	16QAM	25	0	22.65	22.78	22.63	23.70



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10	16QAM	25	12	22.74	22.77	22.57	23.70
10	16QAM	25	25	22.80	22.83	22.74	23.70
10	16QAM	50	0	22.78	22.87	22.65	23.70
10	64QAM	1	0	22.74	22.86	22.77	23.70
10	64QAM	1	25	22.78	22.91	22.78	23.70
10	64QAM	1	49	22.82	23.00	22.75	23.70
10	64QAM	25	0	21.69	21.84	21.58	22.70
10	64QAM	25	12	21.62	21.82	21.62	22.70
10	64QAM	25	25	21.76	21.89	21.60	22.70
10	64QAM	50	0	21.66	21.80	21.62	22.70
10	256QAM	1	0	19.57	19.74	19.63	20.70
10	256QAM	1	25	19.77	19.86	19.68	20.70
10	256QAM	1	49	19.74	19.93	19.76	20.70
10	256QAM	25	0	19.58	19.76	19.56	20.70
10	256QAM	25	12	19.62	19.70	19.58	20.70
10	256QAM	25	25	19.66	19.86	19.71	20.70
10	256QAM	50	0	19.67	19.81	19.68	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.61	24.71	24.65	25.70
5	QPSK	1	12	24.66	24.70	24.51	25.70
5	QPSK	1	24	24.59	24.64	24.48	25.70
5	QPSK	12	0	23.67	23.85	23.63	24.70
5	QPSK	12	7	23.63	23.73	23.50	24.70
5	QPSK	12	13	23.62	23.76	23.62	24.70
5	QPSK	25	0	23.71	23.84	23.71	24.70
5	16QAM	1	0	23.91	23.97	23.87	24.70
5	16QAM	1	12	23.90	24.09	23.92	24.70
5	16QAM	1	24	23.85	23.88	23.84	24.70
5	16QAM	12	0	22.71	22.81	22.51	23.70
5	16QAM	12	7	22.76	22.74	22.62	23.70
5	16QAM	12	13	22.76	22.76	22.61	23.70
5	16QAM	25	0	22.78	22.81	22.62	23.70
5	64QAM	1	0	22.73	22.94	22.82	23.70
5	64QAM	1	12	22.71	22.91	22.67	23.70
5	64QAM	1	24	22.91	22.98	22.75	23.70
5	64QAM	12	0	21.78	21.78	21.64	22.70
5	64QAM	12	7	21.54	21.77	21.63	22.70
5	64QAM	12	13	21.77	21.79	21.56	22.70
5	64QAM	25	0	21.68	21.80	21.59	22.70
5	256QAM	1	0	19.56	19.80	19.56	20.70
5	256QAM	1	12	19.79	19.81	19.78	20.70
5	256QAM	1	24	19.78	19.91	19.72	20.70
5	256QAM	12	0	19.60	19.72	19.57	20.70
5	256QAM	12	7	19.62	19.81	19.61	20.70
5	256QAM	12	13	19.67	19.73	19.71	20.70
5	256QAM	25	0	19.72	19.70	19.65	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.70	24.67	24.63	25.70
3	QPSK	1	8	24.57	24.72	24.47	25.70
3	QPSK	1	14	24.55	24.61	24.47	25.70
3	QPSK	8	0	23.75	23.77	23.59	24.70
3	QPSK	8	4	23.58	23.73	23.51	24.70
3	QPSK	8	7	23.66	23.72	23.51	24.70
3	QPSK	15	0	23.65	23.81	23.66	24.70
3	16QAM	1	0	23.93	23.96	23.79	24.70
3	16QAM	1	8	23.98	24.08	23.83	24.70
3	16QAM	1	14	23.78	23.98	23.74	24.70
3	16QAM	8	0	22.69	22.81	22.55	23.70
3	16QAM	8	4	22.77	22.76	22.60	23.70
3	16QAM	8	7	22.76	22.75	22.66	23.70
3	16QAM	15	0	22.73	22.88	22.67	23.70
3	64QAM	1	0	22.65	22.84	22.75	23.70
3	64QAM	1	8	22.75	22.94	22.66	23.70
3	64QAM	1	14	22.82	22.95	22.78	23.70
3	64QAM	8	0	21.69	21.83	21.56	22.70
3	64QAM	8	4	21.54	21.70	21.69	22.70
3	64QAM	8	7	21.79	21.79	21.65	22.70
3	64QAM	15	0	21.63	21.78	21.64	22.70
3	256QAM	1	0	19.57	19.83	19.56	20.70
3	256QAM	1	8	19.73	19.87	19.66	20.70
3	256QAM	1	14	19.66	19.89	19.63	20.70
3	256QAM	8	0	19.59	19.80	19.60	20.70
3	256QAM	8	4	19.62	19.83	19.66	20.70
3	256QAM	8	7	19.61	19.82	19.64	20.70
3	256QAM	15	0	19.69	19.82	19.63	20.70
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.62	24.70	24.63	25.70
1.4	QPSK	1	3	24.62	24.61	24.45	25.70
1.4	QPSK	1	5	24.58	24.65	24.45	25.70
1.4	QPSK	3	0	24.65	24.80	24.62	25.70
1.4	QPSK	3	1	24.66	24.74	24.58	25.70
1.4	QPSK	3	3	24.67	24.68	24.57	25.70
1.4	QPSK	6	0	23.64	23.75	23.72	24.70
1.4	16QAM	1	0	23.85	24.04	23.87	24.70
1.4	16QAM	1	3	23.96	23.96	23.90	24.70
1.4	16QAM	1	5	23.85	23.96	23.74	24.70
1.4	16QAM	3	0	23.74	23.75	23.56	24.70
1.4	16QAM	3	1	23.80	23.82	23.65	24.70
1.4	16QAM	3	3	23.74	23.83	23.61	24.70
1.4	16QAM	6	0	22.78	22.75	22.61	23.70
1.4	64QAM	1	0	22.68	22.88	22.74	23.70
1.4	64QAM	1	3	22.72	22.80	22.79	23.70
1.4	64QAM	1	5	22.86	22.95	22.67	23.70
1.4	64QAM	3	0	22.76	22.84	22.59	23.70
1.4	64QAM	3	1	22.55	22.70	22.69	23.70
1.4	64QAM	3	3	22.73	22.86	22.59	23.70
1.4	64QAM	6	0	21.66	21.84	21.59	22.70
1.4	256QAM	1	0	19.56	19.71	19.61	20.70
1.4	256QAM	1	3	19.82	19.88	19.66	20.70
1.4	256QAM	1	5	19.77	19.94	19.70	20.70
1.4	256QAM	3	0	19.67	19.80	19.57	20.70
1.4	256QAM	3	1	19.65	19.73	19.63	20.70
1.4	256QAM	3	3	19.60	19.77	19.73	20.70
1.4	256QAM	6	0	19.71	19.79	19.62	20.70

【LTE Band 66_Ant 3_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	25.19	25.23	25.12	25.70
20	QPSK	1	49	24.97	25.11	24.93	25.70
20	QPSK	1	99	24.98	25.05	24.84	25.70
20	QPSK	50	0	24.10	24.17	24.07	24.70
20	QPSK	50	24	24.05	24.15	24.02	24.70
20	QPSK	50	50	24.08	24.16	23.95	24.70
20	QPSK	100	0	23.94	24.05	23.82	24.70
20	16QAM	1	0	24.14	24.22	24.00	24.70
20	16QAM	1	49	23.96	24.12	23.96	24.70
20	16QAM	1	99	23.96	24.06	23.91	24.70
20	16QAM	50	0	22.96	23.14	23.02	23.70
20	16QAM	50	24	22.91	23.01	22.86	23.70
20	16QAM	50	50	22.99	23.06	22.83	23.70
20	16QAM	100	0	23.01	23.10	22.86	23.70
20	64QAM	1	0	22.96	23.10	22.88	23.70
20	64QAM	1	49	22.96	23.08	22.86	23.70
20	64QAM	1	99	22.91	23.00	22.84	23.70
20	64QAM	50	0	22.02	22.13	21.99	22.70
20	64QAM	50	24	22.05	22.14	22.00	22.70
20	64QAM	50	50	21.99	22.09	21.85	22.70
20	64QAM	100	0	21.96	22.10	21.95	22.70
20	256QAM	1	0	19.98	20.04	19.92	20.70
20	256QAM	1	49	19.85	20.02	19.79	20.70
20	256QAM	1	99	19.85	19.93	19.82	20.70
20	256QAM	50	0	20.00	20.06	19.95	20.70
20	256QAM	50	24	19.97	20.14	19.93	20.70
20	256QAM	50	50	19.99	20.06	19.91	20.70
20	256QAM	100	0	19.97	20.12	20.02	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.09	25.11	25.06	25.70
15	QPSK	1	37	24.86	25.06	24.91	25.70
15	QPSK	1	74	24.92	25.00	24.78	25.70
15	QPSK	36	0	23.92	24.05	23.99	24.70
15	QPSK	36	20	24.00	24.10	23.88	24.70
15	QPSK	36	39	24.00	24.12	23.90	24.70
15	QPSK	75	0	23.90	23.98	23.70	24.70



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15	16QAM	1	0	24.13	24.12	23.88	24.70
15	16QAM	1	37	23.92	24.11	23.88	24.70
15	16QAM	1	74	23.82	24.01	23.79	24.70
15	16QAM	36	0	22.85	23.05	22.90	23.70
15	16QAM	36	20	22.90	22.93	22.81	23.70
15	16QAM	36	39	22.88	22.96	22.81	23.70
15	16QAM	75	0	22.93	23.07	22.77	23.70
15	64QAM	1	0	22.87	22.98	22.81	23.70
15	64QAM	1	37	22.85	22.96	22.81	23.70
15	64QAM	1	74	22.78	22.98	22.80	23.70
15	64QAM	36	0	21.96	21.99	21.86	22.70
15	64QAM	36	20	21.94	21.99	21.97	22.70
15	64QAM	36	39	21.86	21.99	21.70	22.70
15	64QAM	75	0	21.93	22.07	21.84	22.70
15	256QAM	1	0	19.84	19.93	19.89	20.70
15	256QAM	1	37	19.71	19.94	19.75	20.70
15	256QAM	1	74	19.78	19.85	19.70	20.70
15	256QAM	36	0	19.95	19.95	19.93	20.70
15	256QAM	36	20	19.83	20.03	19.90	20.70
15	256QAM	36	39	19.97	19.92	19.79	20.70
15	256QAM	75	0	19.92	20.10	19.98	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	25.11	25.19	25.07	25.70
10	QPSK	1	25	24.93	24.97	24.86	25.70
10	QPSK	1	49	24.88	24.94	24.72	25.70
10	QPSK	25	0	23.90	24.03	23.97	24.70
10	QPSK	25	12	24.00	24.12	23.94	24.70
10	QPSK	25	25	23.99	24.02	23.84	24.70
10	QPSK	50	0	23.86	23.95	23.77	24.70
10	16QAM	1	0	24.07	24.20	23.96	24.70
10	16QAM	1	25	23.87	24.02	23.93	24.70
10	16QAM	1	49	23.85	23.97	23.81	24.70
10	16QAM	25	0	22.92	23.12	22.92	23.70
10	16QAM	25	12	22.78	22.89	22.71	23.70
10	16QAM	25	25	22.87	23.02	22.69	23.70
10	16QAM	50	0	22.98	22.98	22.77	23.70
10	64QAM	1	0	22.92	23.00	22.74	23.70
10	64QAM	1	25	22.85	22.94	22.73	23.70
10	64QAM	1	49	22.83	22.93	22.78	23.70
10	64QAM	25	0	21.90	22.01	21.94	22.70
10	64QAM	25	12	21.99	22.05	21.86	22.70
10	64QAM	25	25	21.93	21.99	21.80	22.70
10	64QAM	50	0	21.83	22.07	21.82	22.70
10	256QAM	1	0	19.96	19.99	19.88	20.70
10	256QAM	1	25	19.76	19.96	19.77	20.70
10	256QAM	1	49	19.83	19.92	19.71	20.70
10	256QAM	25	0	19.99	19.97	19.80	20.70
10	256QAM	25	12	19.89	20.08	19.79	20.70
10	256QAM	25	25	19.84	19.91	19.86	20.70
10	256QAM	50	0	19.86	19.99	19.98	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	25.12	25.16	24.99	25.70
5	QPSK	1	12	24.85	24.98	24.84	25.70
5	QPSK	1	24	24.83	24.96	24.70	25.70
5	QPSK	12	0	23.93	24.02	23.91	24.70
5	QPSK	12	7	23.97	24.11	23.89	24.70
5	QPSK	12	13	24.03	24.07	23.93	24.70
5	QPSK	25	0	23.90	23.97	23.70	24.70
5	16QAM	1	0	24.07	24.09	23.96	24.70
5	16QAM	1	12	23.86	24.04	23.84	24.70
5	16QAM	1	24	23.90	23.91	23.86	24.70
5	16QAM	12	0	22.90	23.10	22.88	23.70
5	16QAM	12	7	22.81	22.94	22.78	23.70
5	16QAM	12	13	22.93	22.92	22.78	23.70
5	16QAM	25	0	22.96	22.99	22.75	23.70
5	64QAM	1	0	22.93	23.01	22.79	23.70
5	64QAM	1	12	22.88	23.07	22.76	23.70
5	64QAM	1	24	22.89	22.96	22.74	23.70
5	64QAM	12	0	21.96	21.98	21.93	22.70
5	64QAM	12	7	21.90	22.13	21.87	22.70
5	64QAM	12	13	21.87	22.05	21.73	22.70
5	64QAM	25	0	21.95	22.07	21.87	22.70
5	256QAM	1	0	19.92	20.02	19.80	20.70
5	256QAM	1	12	19.79	19.94	19.75	20.70
5	256QAM	1	24	19.83	19.90	19.77	20.70
5	256QAM	12	0	19.90	19.97	19.82	20.70



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5	256QAM	12	7	19.95	20.03	19.91	20.70
5	256QAM	12	13	19.88	20.01	19.77	20.70
5	256QAM	25	0	19.93	20.04	19.98	20.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	25.09	25.11	25.04	25.70
3	QPSK	1	8	24.91	25.09	24.89	25.70
3	QPSK	1	14	24.89	24.99	24.73	25.70
3	QPSK	8	0	23.88	24.06	23.88	24.70
3	QPSK	8	4	23.97	24.00	23.89	24.70
3	QPSK	8	7	23.97	24.04	23.82	24.70
3	QPSK	15	0	23.81	23.91	23.75	24.70
3	16QAM	1	0	24.10	24.19	23.85	24.70
3	16QAM	1	8	23.90	24.03	23.88	24.70
3	16QAM	1	14	23.83	23.92	23.88	24.70
3	16QAM	8	0	22.88	22.99	22.94	23.70
3	16QAM	8	4	22.86	22.99	22.78	23.70
3	16QAM	8	7	22.91	23.00	22.72	23.70
3	16QAM	15	0	23.00	23.06	22.82	23.70
3	64QAM	1	0	22.95	23.09	22.86	23.70
3	64QAM	1	8	22.82	22.95	22.83	23.70
3	64QAM	1	14	22.81	22.88	22.76	23.70
3	64QAM	8	0	21.93	22.12	21.94	22.70
3	64QAM	8	4	21.90	22.05	21.96	22.70
3	64QAM	8	7	21.95	21.99	21.84	22.70
3	64QAM	15	0	21.91	22.04	21.82	22.70
3	256QAM	1	0	19.84	19.99	19.79	20.70
3	256QAM	1	8	19.77	19.98	19.65	20.70
3	256QAM	1	14	19.71	19.81	19.74	20.70
3	256QAM	8	0	19.96	19.96	19.82	20.70
3	256QAM	8	4	19.96	20.13	19.88	20.70
3	256QAM	8	7	19.88	19.96	19.81	20.70
3	256QAM	15	0	19.83	20.06	19.89	20.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	25.06	25.11	25.09	25.70
1.4	QPSK	1	3	24.96	25.08	24.85	25.70
1.4	QPSK	1	5	24.85	25.02	24.78	25.70
1.4	QPSK	3	0	24.91	25.04	24.86	25.70
1.4	QPSK	3	1	24.96	25.13	24.94	25.70
1.4	QPSK	3	3	24.95	25.09	24.94	25.70
1.4	QPSK	6	0	23.88	24.03	23.74	24.70
1.4	16QAM	1	0	24.01	24.18	23.88	24.70
1.4	16QAM	1	3	23.82	24.10	23.93	24.70
1.4	16QAM	1	5	23.84	23.99	23.81	24.70
1.4	16QAM	3	0	23.92	24.08	23.88	24.70
1.4	16QAM	3	1	23.83	23.95	23.80	24.70
1.4	16QAM	3	3	23.86	23.93	23.80	24.70
1.4	16QAM	6	0	22.98	22.96	22.75	23.70
1.4	64QAM	1	0	22.92	23.00	22.81	23.70
1.4	64QAM	1	3	22.91	22.97	22.74	23.70
1.4	64QAM	1	5	22.80	22.89	22.77	23.70
1.4	64QAM	3	0	22.96	22.99	22.96	23.70
1.4	64QAM	3	1	22.94	23.03	22.89	23.70
1.4	64QAM	3	3	22.97	23.03	22.74	23.70
1.4	64QAM	6	0	21.90	22.09	21.91	22.70
1.4	256QAM	1	0	19.90	20.02	19.82	20.70
1.4	256QAM	1	3	19.77	19.91	19.67	20.70
1.4	256QAM	1	5	19.78	19.85	19.68	20.70
1.4	256QAM	3	0	19.88	19.99	19.85	20.70
1.4	256QAM	3	1	19.94	20.11	19.85	20.70
1.4	256QAM	3	3	19.97	19.91	19.89	20.70
1.4	256QAM	6	0	19.89	20.03	19.92	20.70



【LTE Band 66_Ant 3_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.72	22.75	22.70	24.50
20	QPSK	1	49	22.58	22.62	22.57	24.50
20	QPSK	1	99	22.60	22.68	22.60	24.50
20	QPSK	50	0	21.66	21.73	21.59	23.50
20	QPSK	50	24	21.57	21.63	21.58	23.50
20	QPSK	50	50	21.57	21.64	21.57	23.50
20	QPSK	100	0	21.58	21.74	21.65	23.50
20	16QAM	1	0	21.46	21.62	21.54	23.50
20	16QAM	1	49	21.62	21.68	21.62	23.50
20	16QAM	1	99	21.70	21.75	21.59	23.50
20	16QAM	50	0	20.59	20.74	20.67	22.50
20	16QAM	50	24	20.50	20.63	20.54	22.50
20	16QAM	50	50	20.45	20.62	20.44	22.50
20	16QAM	100	0	20.60	20.64	20.51	22.50
20	64QAM	1	0	20.44	20.50	20.43	22.50
20	64QAM	1	49	20.59	20.64	20.53	22.50
20	64QAM	1	99	20.57	20.70	20.53	22.50
20	64QAM	50	0	19.67	19.74	19.61	21.50
20	64QAM	50	24	19.50	19.62	19.47	21.50
20	64QAM	50	50	19.54	19.61	19.54	21.50
20	64QAM	100	0	19.60	19.64	19.49	21.50
20	256QAM	1	0	17.31	17.42	17.24	19.50
20	256QAM	1	49	17.38	17.48	17.42	19.50
20	256QAM	1	99	17.37	17.46	17.29	19.50
20	256QAM	50	0	17.62	17.68	17.56	19.50
20	256QAM	50	24	17.47	17.60	17.50	19.50
20	256QAM	50	50	17.48	17.58	17.41	19.50
20	256QAM	100	0	17.53	17.61	17.56	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.70	22.61	22.66	24.50
15	QPSK	1	37	22.52	22.58	22.35	24.50
15	QPSK	1	74	22.54	22.59	22.48	24.50
15	QPSK	36	0	21.51	21.67	21.56	23.50
15	QPSK	36	20	21.33	21.50	21.42	23.50
15	QPSK	36	39	21.52	21.55	21.43	23.50
15	QPSK	75	0	21.46	21.66	21.61	23.50
15	16QAM	1	0	21.38	21.60	21.47	23.50
15	16QAM	1	37	21.55	21.65	21.47	23.50
15	16QAM	1	74	21.63	21.66	21.52	23.50
15	16QAM	36	0	20.49	20.60	20.57	22.50
15	16QAM	36	20	20.35	20.57	20.52	22.50
15	16QAM	36	39	20.34	20.59	20.33	22.50
15	16QAM	75	0	20.48	20.49	20.41	22.50
15	64QAM	1	0	20.34	20.45	20.41	22.50
15	64QAM	1	37	20.58	20.55	20.52	22.50
15	64QAM	1	74	20.55	20.60	20.43	22.50
15	64QAM	36	0	19.63	19.72	19.47	21.50
15	64QAM	36	20	19.43	19.58	19.34	21.50
15	64QAM	36	39	19.52	19.50	19.47	21.50
15	64QAM	75	0	19.54	19.55	19.46	21.50
15	256QAM	1	0	17.26	17.40	17.17	19.50
15	256QAM	1	37	17.28	17.38	17.35	19.50
15	256QAM	1	74	17.27	17.34	17.16	19.50
15	256QAM	36	0	17.48	17.65	17.42	19.50
15	256QAM	36	20	17.38	17.46	17.42	19.50
15	256QAM	36	39	17.37	17.47	17.36	19.50
15	256QAM	75	0	17.39	17.51	17.43	19.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.59	22.72	22.65	24.50
10	QPSK	1	25	22.45	22.58	22.35	24.50
10	QPSK	1	49	22.46	22.54	22.55	24.50
10	QPSK	25	0	21.58	21.69	21.54	23.50
10	QPSK	25	12	21.39	21.51	21.39	23.50
10	QPSK	25	25	21.56	21.63	21.56	23.50
10	QPSK	50	0	21.53	21.73	21.60	23.50
10	16QAM	1	0	21.31	21.49	21.47	23.50
10	16QAM	1	25	21.56	21.67	21.54	23.50
10	16QAM	1	49	21.68	21.67	21.57	23.50
10	16QAM	25	0	20.49	20.63	20.65	22.50



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10	16QAM	25	12	20.35	20.58	20.48	22.50
10	16QAM	25	25	20.30	20.59	20.32	22.50
10	16QAM	50	0	20.54	20.54	20.41	22.50
10	64QAM	1	0	20.34	20.37	20.40	22.50
10	64QAM	1	25	20.48	20.52	20.47	22.50
10	64QAM	1	49	20.44	20.65	20.49	22.50
10	64QAM	25	0	19.59	19.69	19.56	21.50
10	64QAM	25	12	19.41	19.58	19.33	21.50
10	64QAM	25	25	19.50	19.46	19.41	21.50
10	64QAM	50	0	19.54	19.52	19.48	21.50
10	256QAM	1	0	17.26	17.35	17.15	19.50
10	256QAM	1	25	17.34	17.45	17.37	19.50
10	256QAM	1	49	17.34	17.43	17.26	19.50
10	256QAM	25	0	17.54	17.63	17.44	19.50
10	256QAM	25	12	17.44	17.49	17.45	19.50
10	256QAM	25	25	17.33	17.49	17.40	19.50
10	256QAM	50	0	17.45	17.59	17.50	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.66	22.66	22.63	24.50
5	QPSK	1	12	22.46	22.52	22.39	24.50
5	QPSK	1	24	22.54	22.57	22.46	24.50
5	QPSK	12	0	21.61	21.61	21.53	23.50
5	QPSK	12	7	21.45	21.48	21.39	23.50
5	QPSK	12	13	21.48	21.56	21.55	23.50
5	QPSK	25	0	21.44	21.73	21.54	23.50
5	16QAM	1	0	21.33	21.54	21.47	23.50
5	16QAM	1	12	21.49	21.61	21.60	23.50
5	16QAM	1	24	21.58	21.69	21.49	23.50
5	16QAM	12	0	20.56	20.71	20.60	22.50
5	16QAM	12	7	20.42	20.52	20.50	22.50
5	16QAM	12	13	20.32	20.49	20.42	22.50
5	16QAM	25	0	20.53	20.51	20.49	22.50
5	64QAM	1	0	20.36	20.39	20.39	22.50
5	64QAM	1	12	20.51	20.52	20.45	22.50
5	64QAM	1	24	20.55	20.64	20.42	22.50
5	64QAM	12	0	19.53	19.65	19.56	21.50
5	64QAM	12	7	19.41	19.49	19.33	21.50
5	64QAM	12	13	19.51	19.51	19.46	21.50
5	64QAM	25	0	19.51	19.58	19.48	21.50
5	256QAM	1	0	17.23	17.27	17.13	19.50
5	256QAM	1	12	17.24	17.43	17.31	19.50
5	256QAM	1	24	17.35	17.38	17.16	19.50
5	256QAM	12	0	17.49	17.55	17.42	19.50
5	256QAM	12	7	17.37	17.58	17.47	19.50
5	256QAM	12	13	17.37	17.52	17.36	19.50
5	256QAM	25	0	17.43	17.49	17.45	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.61	22.74	22.61	24.50
3	QPSK	1	8	22.53	22.50	22.29	24.50
3	QPSK	1	14	22.57	22.53	22.57	24.50
3	QPSK	8	0	21.57	21.62	21.46	23.50
3	QPSK	8	4	21.35	21.59	21.36	23.50
3	QPSK	8	7	21.44	21.49	21.46	23.50
3	QPSK	15	0	21.52	21.63	21.55	23.50
3	16QAM	1	0	21.45	21.58	21.40	23.50
3	16QAM	1	8	21.53	21.53	21.58	23.50
3	16QAM	1	14	21.58	21.70	21.46	23.50
3	16QAM	8	0	20.55	20.72	20.59	22.50
3	16QAM	8	4	20.40	20.53	20.51	22.50
3	16QAM	8	7	20.31	20.59	20.42	22.50
3	16QAM	15	0	20.57	20.59	20.41	22.50
3	64QAM	1	0	20.40	20.36	20.33	22.50
3	64QAM	1	8	20.52	20.59	20.50	22.50
3	64QAM	1	14	20.47	20.56	20.49	22.50
3	64QAM	8	0	19.58	19.66	19.53	21.50
3	64QAM	8	4	19.40	19.57	19.33	21.50
3	64QAM	8	7	19.39	19.54	19.46	21.50
3	64QAM	15	0	19.50	19.53	19.41	21.50
3	256QAM	1	0	17.24	17.27	17.16	19.50
3	256QAM	1	8	17.26	17.39	17.36	19.50
3	256QAM	1	14	17.25	17.44	17.28	19.50
3	256QAM	8	0	17.48	17.57	17.48	19.50
3	256QAM	8	4	17.33	17.45	17.37	19.50
3	256QAM	8	7	17.46	17.52	17.29	19.50
3	256QAM	15	0	17.44	17.48	17.50	19.50
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.65	22.67	22.62	24.50
1.4	QPSK	1	3	22.44	22.48	22.40	24.50
1.4	QPSK	1	5	22.54	22.56	22.57	24.50
1.4	QPSK	3	0	22.63	22.60	22.56	24.50
1.4	QPSK	3	1	22.44	22.57	22.42	24.50
1.4	QPSK	3	3	22.54	22.58	22.52	24.50
1.4	QPSK	6	0	21.43	21.67	21.58	23.50
1.4	16QAM	1	0	21.36	21.50	21.40	23.50
1.4	16QAM	1	3	21.55	21.62	21.60	23.50
1.4	16QAM	1	5	21.58	21.62	21.47	23.50
1.4	16QAM	3	0	21.51	21.63	21.58	23.50
1.4	16QAM	3	1	21.39	21.53	21.42	23.50
1.4	16QAM	3	3	21.38	21.60	21.35	23.50
1.4	16QAM	6	0	20.56	20.54	20.50	22.50
1.4	64QAM	1	0	20.38	20.35	20.36	22.50
1.4	64QAM	1	3	20.55	20.53	20.40	22.50
1.4	64QAM	1	5	20.52	20.56	20.42	22.50
1.4	64QAM	3	0	20.54	20.61	20.56	22.50
1.4	64QAM	3	1	20.39	20.55	20.43	22.50
1.4	64QAM	3	3	20.41	20.48	20.49	22.50
1.4	64QAM	6	0	19.58	19.53	19.46	21.50
1.4	256QAM	1	0	17.21	17.35	17.17	19.50
1.4	256QAM	1	3	17.35	17.33	17.36	19.50
1.4	256QAM	1	5	17.26	17.38	17.26	19.50
1.4	256QAM	3	0	17.50	17.54	17.46	19.50
1.4	256QAM	3	1	17.37	17.51	17.35	19.50
1.4	256QAM	3	3	17.40	17.55	17.27	19.50
1.4	256QAM	6	0	17.44	17.48	17.52	19.50

【LTE Band 66_Ant 3_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.21	16.25	16.23	17.20
20	QPSK	1	49	16.03	16.18	16.12	17.20
20	QPSK	1	99	16.09	16.15	16.03	17.20
20	QPSK	50	0	16.19	16.23	16.14	17.20
20	QPSK	50	24	16.09	16.19	16.08	17.20
20	QPSK	50	50	16.03	16.21	16.08	17.20
20	QPSK	100	0	15.99	16.17	16.08	17.20
20	16QAM	1	0	16.05	16.13	15.99	17.20
20	16QAM	1	49	16.03	16.15	16.09	17.20
20	16QAM	1	99	16.00	16.11	16.01	17.20
20	16QAM	50	0	16.00	16.12	16.02	17.20
20	16QAM	50	24	16.01	16.16	16.09	17.20
20	16QAM	50	50	15.91	16.04	15.96	17.20
20	16QAM	100	0	15.93	16.10	15.96	17.20
20	64QAM	1	0	15.95	16.10	16.03	17.20
20	64QAM	1	49	16.01	16.17	16.12	17.20
20	64QAM	1	99	15.92	16.06	15.96	17.20
20	64QAM	50	0	15.94	16.12	16.09	17.20
20	64QAM	50	24	15.94	16.02	15.88	17.20
20	64QAM	50	50	15.96	16.11	16.06	17.20
20	64QAM	100	0	16.01	16.12	16.07	17.20
20	256QAM	1	0	15.99	16.16	16.08	17.20
20	256QAM	1	49	15.99	16.08	15.95	17.20
20	256QAM	1	99	16.00	16.08	15.97	17.20
20	256QAM	50	0	15.95	16.13	16.08	17.20
20	256QAM	50	24	16.15	16.20	16.12	17.20
20	256QAM	50	50	16.00	16.11	16.00	17.20
20	256QAM	100	0	15.82	15.98	15.82	17.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.13	16.18	16.11	17.20
15	QPSK	1	37	15.91	16.09	15.99	17.20
15	QPSK	1	74	15.96	16.11	16.01	17.20
15	QPSK	36	0	15.95	16.14	16.09	17.20
15	QPSK	36	20	15.98	16.09	16.05	17.20
15	QPSK	36	39	16.02	16.19	15.95	17.20
15	QPSK	75	0	15.92	16.04	15.93	17.20



15	16QAM	1	0	15.94	16.10	15.91	17.20
15	16QAM	1	37	15.98	16.06	16.02	17.20
15	16QAM	1	74	15.92	16.04	15.91	17.20
15	16QAM	36	0	15.92	15.99	15.94	17.20
15	16QAM	36	20	15.96	16.14	16.03	17.20
15	16QAM	36	39	15.80	15.97	15.86	17.20
15	16QAM	75	0	15.87	15.99	15.94	17.20
15	64QAM	1	0	15.86	16.06	15.92	17.20
15	64QAM	1	37	15.98	16.12	16.09	17.20
15	64QAM	1	74	15.80	16.01	15.90	17.20
15	64QAM	36	0	15.85	16.06	16.02	17.20
15	64QAM	36	20	15.80	15.92	15.82	17.20
15	64QAM	36	39	15.95	16.06	15.93	17.20
15	64QAM	75	0	15.87	16.09	16.02	17.20
15	256QAM	1	0	15.96	16.02	15.97	17.20
15	256QAM	1	37	15.89	15.96	15.91	17.20
15	256QAM	1	74	15.86	16.02	15.92	17.20
15	256QAM	36	0	15.86	16.01	15.99	17.20
15	256QAM	36	20	16.09	16.16	16.01	17.20
15	256QAM	36	39	15.91	16.05	15.85	17.20
15	256QAM	75	0	15.80	15.86	15.81	17.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.14	16.16	16.11	17.20
10	QPSK	1	25	15.91	16.06	16.07	17.20
10	QPSK	1	49	16.04	16.11	15.97	17.20
10	QPSK	25	0	16.07	16.16	16.07	17.20
10	QPSK	25	12	16.01	16.15	15.94	17.20
10	QPSK	25	25	15.91	16.14	16.05	17.20
10	QPSK	50	0	15.93	16.07	15.95	17.20
10	16QAM	1	0	16.02	16.09	15.87	17.20
10	16QAM	1	25	15.96	16.08	16.07	17.20
10	16QAM	1	49	15.87	15.98	16.00	17.20
10	16QAM	25	0	15.90	16.00	16.01	17.20
10	16QAM	25	12	15.95	16.13	15.99	17.20
10	16QAM	25	25	15.88	16.02	15.88	17.20
10	16QAM	50	0	15.91	16.00	15.82	17.20
10	64QAM	1	0	15.85	16.01	16.01	17.20
10	64QAM	1	25	15.93	16.14	16.08	17.20
10	64QAM	1	49	15.81	16.05	15.94	17.20
10	64QAM	25	0	15.88	16.09	15.96	17.20
10	64QAM	25	12	15.88	15.97	15.85	17.20
10	64QAM	25	25	15.82	15.99	15.99	17.20
10	64QAM	50	0	15.94	16.05	16.01	17.20
10	256QAM	1	0	15.86	16.05	15.97	17.20
10	256QAM	1	25	15.93	15.97	15.85	17.20
10	256QAM	1	49	15.89	16.05	15.82	17.20
10	256QAM	25	0	15.85	16.05	16.03	17.20
10	256QAM	25	12	16.04	16.15	16.05	17.20
10	256QAM	25	25	15.98	15.96	15.97	17.20
10	256QAM	50	0	15.80	15.84	15.82	17.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.13	16.10	16.11	17.20
5	QPSK	1	12	16.01	16.10	15.99	17.20
5	QPSK	1	24	15.98	16.00	16.01	17.20
5	QPSK	12	0	16.03	16.21	16.05	17.20
5	QPSK	12	7	16.08	16.07	15.95	17.20
5	QPSK	12	13	15.98	16.06	15.94	17.20
5	QPSK	25	0	15.86	16.07	16.04	17.20
5	16QAM	1	0	15.99	16.11	15.96	17.20
5	16QAM	1	12	15.90	16.06	16.01	17.20
5	16QAM	1	24	15.95	16.05	15.89	17.20
5	16QAM	12	0	15.95	16.09	15.96	17.20
5	16QAM	12	7	15.98	16.14	15.95	17.20
5	16QAM	12	13	15.81	15.92	15.84	17.20
5	16QAM	25	0	15.89	16.05	15.90	17.20
5	64QAM	1	0	15.88	15.99	16.01	17.20
5	64QAM	1	12	15.90	16.12	16.00	17.20
5	64QAM	1	24	15.81	15.94	15.88	17.20
5	64QAM	12	0	15.87	16.04	16.03	17.20
5	64QAM	12	7	15.85	15.89	15.80	17.20
5	64QAM	12	13	15.86	16.03	15.96	17.20
5	64QAM	25	0	15.93	16.00	16.04	17.20
5	256QAM	1	0	15.87	16.03	16.01	17.20
5	256QAM	1	12	15.92	16.00	15.89	17.20
5	256QAM	1	24	15.89	16.04	15.84	17.20
5	256QAM	12	0	15.89	16.05	16.05	17.20



5	256QAM	12	7	16.13	16.17	16.06	17.20
5	256QAM	12	13	15.94	15.98	15.91	17.20
5	256QAM	25	0	15.81	15.95	15.82	17.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.14	16.12	16.21	17.20
3	QPSK	1	8	15.97	16.13	16.11	17.20
3	QPSK	1	14	16.00	16.11	15.99	17.20
3	QPSK	8	0	15.96	16.09	16.00	17.20
3	QPSK	8	4	16.02	16.17	15.98	17.20
3	QPSK	8	7	16.00	16.06	16.01	17.20
3	QPSK	15	0	15.92	16.16	16.03	17.20
3	16QAM	1	0	15.91	16.07	15.95	17.20
3	16QAM	1	8	15.89	16.08	15.97	17.20
3	16QAM	1	14	15.91	16.06	15.93	17.20
3	16QAM	8	0	15.90	16.11	15.92	17.20
3	16QAM	8	4	15.92	16.07	16.03	17.20
3	16QAM	8	7	15.80	15.95	15.85	17.20
3	16QAM	15	0	15.85	16.02	15.88	17.20
3	64QAM	1	0	15.86	15.97	15.97	17.20
3	64QAM	1	8	15.92	16.04	16.03	17.20
3	64QAM	1	14	15.81	16.04	15.82	17.20
3	64QAM	8	0	15.83	15.99	16.00	17.20
3	64QAM	8	4	15.88	15.87	15.85	17.20
3	64QAM	8	7	15.95	16.10	16.02	17.20
3	64QAM	15	0	15.95	15.99	15.99	17.20
3	256QAM	1	0	15.95	16.14	15.96	17.20
3	256QAM	1	8	15.95	16.03	15.84	17.20
3	256QAM	1	14	15.96	15.95	15.87	17.20
3	256QAM	8	0	15.90	16.11	16.04	17.20
3	256QAM	8	4	16.13	16.13	16.08	17.20
3	256QAM	8	7	15.91	16.00	15.97	17.20
3	256QAM	15	0	15.80	15.86	15.80	17.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.12	16.23	16.21	17.20
1.4	QPSK	1	3	15.90	16.14	16.09	17.20
1.4	QPSK	1	5	16.02	16.10	15.94	17.20
1.4	QPSK	3	0	15.95	16.11	16.09	17.20
1.4	QPSK	3	1	16.03	16.14	16.05	17.20
1.4	QPSK	3	3	16.01	16.13	16.03	17.20
1.4	QPSK	6	0	15.87	16.05	16.01	17.20
1.4	16QAM	1	0	16.03	16.02	15.94	17.20
1.4	16QAM	1	3	15.89	16.05	16.02	17.20
1.4	16QAM	1	5	15.97	16.07	15.98	17.20
1.4	16QAM	3	0	15.90	16.10	16.00	17.20
1.4	16QAM	3	1	15.94	16.03	16.00	17.20
1.4	16QAM	3	3	15.85	15.93	15.90	17.20
1.4	16QAM	6	0	15.90	16.08	15.84	17.20
1.4	64QAM	1	0	15.87	15.97	15.93	17.20
1.4	64QAM	1	3	15.99	16.07	16.05	17.20
1.4	64QAM	1	5	15.90	15.93	15.91	17.20
1.4	64QAM	3	0	15.90	16.06	15.99	17.20
1.4	64QAM	3	1	15.84	15.99	15.81	17.20
1.4	64QAM	3	3	15.84	15.98	15.97	17.20
1.4	64QAM	6	0	15.96	16.09	16.01	17.20
1.4	256QAM	1	0	15.88	16.14	15.95	17.20
1.4	256QAM	1	3	15.93	16.00	15.84	17.20
1.4	256QAM	1	5	15.92	15.96	15.84	17.20
1.4	256QAM	3	0	15.87	16.12	16.03	17.20
1.4	256QAM	3	1	16.07	16.18	16.06	17.20
1.4	256QAM	3	3	15.92	15.97	15.94	17.20
1.4	256QAM	6	0	15.80	15.91	15.80	17.20

【LTE Band 66_Ant 3_ECI1-1】

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	16.56	16.59	16.55	17.20
20	QPSK	1	49	16.27	16.43	16.30	17.20
20	QPSK	1	99	16.16	16.32	16.18	17.20
20	QPSK	50	0	16.53	16.55	16.49	17.20
20	QPSK	50	24	16.28	16.44	16.35	17.20
20	QPSK	50	50	16.27	16.35	16.29	17.20
20	QPSK	100	0	16.36	16.45	16.39	17.20
20	16QAM	1	0	16.40	16.46	16.27	17.20
20	16QAM	1	49	16.37	16.41	16.26	17.20
20	16QAM	1	99	16.37	16.42	16.25	17.20
20	16QAM	50	0	16.25	16.38	16.26	17.20
20	16QAM	50	24	16.34	16.44	16.27	17.20
20	16QAM	50	50	16.31	16.47	16.42	17.20
20	16QAM	100	0	16.26	16.42	16.35	17.20
20	64QAM	1	0	16.37	16.47	16.41	17.20
20	64QAM	1	49	16.35	16.41	16.35	17.20
20	64QAM	1	99	16.35	16.40	16.25	17.20
20	64QAM	50	0	16.31	16.36	16.26	17.20
20	64QAM	50	24	16.18	16.32	16.22	17.20
20	64QAM	50	50	16.39	16.46	16.29	17.20
20	64QAM	100	0	16.35	16.46	16.31	17.20
20	256QAM	1	0	16.40	16.46	16.39	17.20
20	256QAM	1	49	16.36	16.46	16.27	17.20
20	256QAM	1	99	16.36	16.44	16.31	17.20
20	256QAM	50	0	16.47	16.59	16.44	17.20
20	256QAM	50	24	16.37	16.43	16.33	17.20
20	256QAM	50	50	16.17	16.32	16.23	17.20
20	256QAM	100	0	16.34	16.47	16.35	17.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.54	16.53	16.44	17.20
15	QPSK	1	37	16.21	16.33	16.23	17.20
15	QPSK	1	74	16.14	16.24	16.12	17.20
15	QPSK	36	0	16.28	16.42	16.36	17.20
15	QPSK	36	20	16.17	16.34	16.33	17.20
15	QPSK	36	39	16.25	16.22	16.24	17.20
15	QPSK	75	0	16.22	16.41	16.26	17.20
15	16QAM	1	0	16.29	16.33	16.25	17.20
15	16QAM	1	37	16.28	16.34	16.24	17.20
15	16QAM	1	74	16.30	16.40	16.23	17.20
15	16QAM	36	0	16.20	16.30	16.12	17.20
15	16QAM	36	20	16.31	16.41	16.21	17.20
15	16QAM	36	39	16.17	16.43	16.27	17.20
15	16QAM	75	0	16.12	16.33	16.29	17.20
15	64QAM	1	0	16.22	16.36	16.34	17.20
15	64QAM	1	37	16.21	16.40	16.33	17.20
15	64QAM	1	74	16.27	16.27	16.16	17.20
15	64QAM	36	0	16.22	16.34	16.12	17.20
15	64QAM	36	20	16.07	16.30	16.10	17.20
15	64QAM	36	39	16.27	16.37	16.24	17.20
15	64QAM	75	0	16.21	16.40	16.22	17.20
15	256QAM	1	0	16.32	16.39	16.35	17.20
15	256QAM	1	37	16.35	16.33	16.17	17.20
15	256QAM	1	74	16.35	16.32	16.22	17.20
15	256QAM	36	0	16.39	16.53	16.36	17.20
15	256QAM	36	20	16.23	16.30	16.22	17.20
15	256QAM	36	39	16.09	16.30	16.16	17.20
15	256QAM	75	0	16.24	16.45	16.34	17.20
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.48	16.58	16.52	17.20
10	QPSK	1	25	16.15	16.33	16.25	17.20
10	QPSK	1	49	16.05	16.23	16.15	17.20
10	QPSK	25	0	16.33	16.34	16.43	17.20
10	QPSK	25	12	16.26	16.31	16.22	17.20
10	QPSK	25	25	16.24	16.29	16.25	17.20
10	QPSK	50	0	16.34	16.38	16.26	17.20
10	16QAM	1	0	16.26	16.32	16.16	17.20
10	16QAM	1	25	16.26	16.26	16.12	17.20
10	16QAM	1	49	16.26	16.40	16.21	17.20
10	16QAM	25	0	16.15	16.34	16.20	17.20



10	16QAM	25	12	16.32	16.42	16.26	17.20
10	16QAM	25	25	16.24	16.33	16.39	17.20
10	16QAM	50	0	16.23	16.30	16.28	17.20
10	64QAM	1	0	16.23	16.45	16.34	17.20
10	64QAM	1	25	16.33	16.30	16.22	17.20
10	64QAM	1	49	16.23	16.35	16.19	17.20
10	64QAM	25	0	16.24	16.33	16.15	17.20
10	64QAM	25	12	16.06	16.29	16.10	17.20
10	64QAM	25	25	16.34	16.42	16.24	17.20
10	64QAM	50	0	16.31	16.42	16.21	17.20
10	256QAM	1	0	16.33	16.42	16.37	17.20
10	256QAM	1	25	16.26	16.38	16.18	17.20
10	256QAM	1	49	16.30	16.34	16.18	17.20
10	256QAM	25	0	16.37	16.48	16.29	17.20
10	256QAM	25	12	16.27	16.30	16.22	17.20
10	256QAM	25	25	16.08	16.22	16.09	17.20
10	256QAM	50	0	16.25	16.35	16.32	17.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.54	16.53	16.53	17.20
5	QPSK	1	12	16.14	16.35	16.22	17.20
5	QPSK	1	24	16.04	16.29	16.05	17.20
5	QPSK	12	0	16.41	16.44	16.30	17.20
5	QPSK	12	7	16.16	16.35	16.22	17.20
5	QPSK	12	13	16.23	16.31	16.28	17.20
5	QPSK	25	0	16.28	16.35	16.26	17.20
5	16QAM	1	0	16.30	16.40	16.12	17.20
5	16QAM	1	12	16.30	16.38	16.14	17.20
5	16QAM	1	24	16.36	16.32	16.21	17.20
5	16QAM	12	0	16.16	16.37	16.22	17.20
5	16QAM	12	7	16.23	16.33	16.21	17.20
5	16QAM	12	13	16.23	16.44	16.31	17.20
5	16QAM	25	0	16.25	16.28	16.24	17.20
5	64QAM	1	0	16.25	16.33	16.31	17.20
5	64QAM	1	12	16.32	16.28	16.30	17.20
5	64QAM	1	24	16.32	16.31	16.18	17.20
5	64QAM	12	0	16.22	16.25	16.14	17.20
5	64QAM	12	7	16.11	16.26	16.09	17.20
5	64QAM	12	13	16.32	16.40	16.15	17.20
5	64QAM	25	0	16.21	16.32	16.27	17.20
5	256QAM	1	0	16.28	16.31	16.25	17.20
5	256QAM	1	12	16.32	16.42	16.25	17.20
5	256QAM	1	24	16.24	16.30	16.20	17.20
5	256QAM	12	0	16.43	16.56	16.39	17.20
5	256QAM	12	7	16.31	16.39	16.24	17.20
5	256QAM	12	13	16.09	16.22	16.16	17.20
5	256QAM	25	0	16.32	16.44	16.21	17.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.54	16.46	16.46	17.20
3	QPSK	1	8	16.14	16.32	16.19	17.20
3	QPSK	1	14	16.03	16.24	16.13	17.20
3	QPSK	8	0	16.41	16.38	16.36	17.20
3	QPSK	8	4	16.24	16.33	16.26	17.20
3	QPSK	8	7	16.24	16.23	16.26	17.20
3	QPSK	15	0	16.23	16.42	16.32	17.20
3	16QAM	1	0	16.35	16.33	16.22	17.20
3	16QAM	1	8	16.23	16.35	16.23	17.20
3	16QAM	1	14	16.32	16.38	16.14	17.20
3	16QAM	8	0	16.19	16.31	16.15	17.20
3	16QAM	8	4	16.20	16.42	16.13	17.20
3	16QAM	8	7	16.25	16.44	16.40	17.20
3	16QAM	15	0	16.13	16.34	16.32	17.20
3	64QAM	1	0	16.32	16.40	16.33	17.20
3	64QAM	1	8	16.23	16.27	16.34	17.20
3	64QAM	1	14	16.28	16.31	16.10	17.20
3	64QAM	8	0	16.26	16.23	16.15	17.20
3	64QAM	8	4	16.15	16.24	16.19	17.20
3	64QAM	8	7	16.35	16.32	16.21	17.20
3	64QAM	15	0	16.25	16.44	16.29	17.20
3	256QAM	1	0	16.32	16.36	16.37	17.20
3	256QAM	1	8	16.25	16.38	16.15	17.20
3	256QAM	1	14	16.32	16.43	16.27	17.20
3	256QAM	8	0	16.38	16.51	16.29	17.20
3	256QAM	8	4	16.30	16.36	16.20	17.20
3	256QAM	8	7	16.02	16.27	16.11	17.20
3	256QAM	15	0	16.29	16.36	16.21	17.20
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.48	16.53	16.41	17.20
1.4	QPSK	1	3	16.18	16.36	16.19	17.20
1.4	QPSK	1	5	16.04	16.24	16.08	17.20
1.4	QPSK	3	0	16.33	16.43	16.38	17.20
1.4	QPSK	3	1	16.15	16.30	16.25	17.20
1.4	QPSK	3	3	16.21	16.26	16.15	17.20
1.4	QPSK	6	0	16.25	16.45	16.26	17.20
1.4	16QAM	1	0	16.35	16.42	16.19	17.20
1.4	16QAM	1	3	16.24	16.30	16.16	17.20
1.4	16QAM	1	5	16.24	16.30	16.23	17.20
1.4	16QAM	3	0	16.11	16.23	16.21	17.20
1.4	16QAM	3	1	16.32	16.41	16.23	17.20
1.4	16QAM	3	3	16.20	16.44	16.29	17.20
1.4	16QAM	6	0	16.16	16.36	16.28	17.20
1.4	64QAM	1	0	16.30	16.42	16.30	17.20
1.4	64QAM	1	3	16.21	16.35	16.25	17.20
1.4	64QAM	1	5	16.33	16.26	16.18	17.20
1.4	64QAM	3	0	16.17	16.29	16.20	17.20
1.4	64QAM	3	1	16.04	16.24	16.11	17.20
1.4	64QAM	3	3	16.28	16.39	16.27	17.20
1.4	64QAM	6	0	16.24	16.44	16.17	17.20
1.4	256QAM	1	0	16.29	16.33	16.32	17.20
1.4	256QAM	1	3	16.21	16.36	16.20	17.20
1.4	256QAM	1	5	16.23	16.41	16.27	17.20
1.4	256QAM	3	0	16.38	16.54	16.41	17.20
1.4	256QAM	3	1	16.36	16.33	16.30	17.20
1.4	256QAM	3	3	16.14	16.23	16.13	17.20
1.4	256QAM	6	0	16.33	16.46	16.32	17.20

【LTE Band 66_Ant 3_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.32	16.35	16.31	18.00
20	QPSK	1	49	16.03	16.18	16.05	18.00
20	QPSK	1	99	16.09	16.14	15.97	18.00
20	QPSK	50	0	16.21	16.23	16.20	18.00
20	QPSK	50	24	15.97	16.13	16.03	18.00
20	QPSK	50	50	15.95	16.11	16.00	18.00
20	QPSK	100	0	16.07	16.12	16.00	18.00
20	16QAM	1	0	15.89	16.06	15.94	18.00
20	16QAM	1	49	15.95	16.06	15.96	18.00
20	16QAM	1	99	15.91	16.09	16.04	18.00
20	16QAM	50	0	16.10	16.14	16.04	18.00
20	16QAM	50	24	16.10	16.15	16.03	18.00
20	16QAM	50	50	16.03	16.14	16.00	18.00
20	16QAM	100	0	16.00	16.04	15.93	18.00
20	64QAM	1	0	15.97	16.06	15.92	18.00
20	64QAM	1	49	15.97	16.10	15.91	18.00
20	64QAM	1	99	15.96	16.07	15.94	18.00
20	64QAM	50	0	16.01	16.17	16.04	18.00
20	64QAM	50	24	16.07	16.14	16.00	18.00
20	64QAM	50	50	16.07	16.17	16.10	18.00
20	64QAM	100	0	16.10	16.14	16.02	18.00
20	256QAM	1	0	15.93	16.06	15.91	18.00
20	256QAM	1	49	16.04	16.18	16.07	18.00
20	256QAM	1	99	15.97	16.07	15.94	18.00
20	256QAM	50	0	16.18	16.32	16.23	18.00
20	256QAM	50	24	16.12	16.18	16.09	18.00
20	256QAM	50	50	15.97	16.14	16.04	18.00
20	256QAM	100	0	16.12	16.23	16.08	18.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.23	16.26	16.25	18.00
15	QPSK	1	37	15.90	16.13	16.00	18.00
15	QPSK	1	74	15.97	16.04	15.83	18.00
15	QPSK	36	0	16.13	16.14	16.05	18.00
15	QPSK	36	20	15.91	16.02	15.96	18.00
15	QPSK	36	39	15.91	16.07	15.94	18.00
15	QPSK	75	0	16.06	16.11	15.89	18.00



15	16QAM	1	0	15.75	15.91	15.92	18.00
15	16QAM	1	37	15.81	15.91	15.83	18.00
15	16QAM	1	74	15.87	16.06	15.94	18.00
15	16QAM	36	0	16.01	16.01	15.92	18.00
15	16QAM	36	20	16.06	16.04	15.94	18.00
15	16QAM	36	39	15.90	16.02	15.86	18.00
15	16QAM	75	0	15.94	15.92	15.78	18.00
15	64QAM	1	0	15.86	15.93	15.79	18.00
15	64QAM	1	37	15.89	16.08	15.77	18.00
15	64QAM	1	74	15.92	15.95	15.80	18.00
15	64QAM	36	0	15.96	16.03	16.00	18.00
15	64QAM	36	20	15.97	15.99	15.89	18.00
15	64QAM	36	39	15.95	16.11	15.99	18.00
15	64QAM	75	0	16.04	16.00	15.92	18.00
15	256QAM	1	0	15.87	15.97	15.78	18.00
15	256QAM	1	37	15.94	16.11	15.97	18.00
15	256QAM	1	74	15.93	16.06	15.90	18.00
15	256QAM	36	0	16.03	16.21	16.11	18.00
15	256QAM	36	20	15.97	16.15	15.98	18.00
15	256QAM	36	39	15.95	16.10	15.96	18.00
15	256QAM	75	0	16.05	16.18	15.98	18.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.18	16.29	16.24	18.00
10	QPSK	1	25	15.89	16.15	15.95	18.00
10	QPSK	1	49	16.03	16.04	15.95	18.00
10	QPSK	25	0	16.07	16.13	16.11	18.00
10	QPSK	25	12	15.93	16.11	15.94	18.00
10	QPSK	25	25	15.85	16.08	15.92	18.00
10	QPSK	50	0	15.97	15.99	15.97	18.00
10	16QAM	1	0	15.86	16.00	15.81	18.00
10	16QAM	1	25	15.83	16.04	15.82	18.00
10	16QAM	1	49	15.78	16.02	15.89	18.00
10	16QAM	25	0	16.00	16.09	15.97	18.00
10	16QAM	25	12	16.03	16.04	15.94	18.00
10	16QAM	25	25	15.91	16.01	15.90	18.00
10	16QAM	50	0	15.91	15.93	15.78	18.00
10	64QAM	1	0	15.96	15.96	15.86	18.00
10	64QAM	1	25	15.84	16.03	15.76	18.00
10	64QAM	1	49	15.82	15.97	15.86	18.00
10	64QAM	25	0	15.91	16.05	15.97	18.00
10	64QAM	25	12	16.06	16.06	15.85	18.00
10	64QAM	25	25	15.92	16.04	16.02	18.00
10	64QAM	50	0	16.02	16.01	15.96	18.00
10	256QAM	1	0	15.86	16.01	15.88	18.00
10	256QAM	1	25	15.91	16.08	16.00	18.00
10	256QAM	1	49	15.90	16.00	15.88	18.00
10	256QAM	25	0	16.11	16.26	16.19	18.00
10	256QAM	25	12	15.98	16.12	16.03	18.00
10	256QAM	25	25	15.83	16.08	15.90	18.00
10	256QAM	50	0	16.10	16.12	16.01	18.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.30	16.27	16.29	18.00
5	QPSK	1	12	15.98	16.13	15.94	18.00
5	QPSK	1	24	15.98	16.02	15.89	18.00
5	QPSK	12	0	16.18	16.21	16.08	18.00
5	QPSK	12	7	15.90	16.02	15.97	18.00
5	QPSK	12	13	15.90	16.05	15.94	18.00
5	QPSK	25	0	16.05	16.03	15.95	18.00
5	16QAM	1	0	15.80	16.05	15.81	18.00
5	16QAM	1	12	15.88	15.97	15.85	18.00
5	16QAM	1	24	15.79	15.96	15.90	18.00
5	16QAM	12	0	15.99	16.01	15.96	18.00
5	16QAM	12	7	15.96	16.04	16.00	18.00
5	16QAM	12	13	15.92	16.02	15.91	18.00
5	16QAM	25	0	15.88	15.95	15.83	18.00
5	64QAM	1	0	15.87	16.00	15.79	18.00
5	64QAM	1	12	15.84	16.07	15.83	18.00
5	64QAM	1	24	15.91	15.96	15.82	18.00
5	64QAM	12	0	15.95	16.14	15.97	18.00
5	64QAM	12	7	16.05	16.05	15.92	18.00
5	64QAM	12	13	15.93	16.03	16.00	18.00
5	64QAM	25	0	15.96	16.05	15.97	18.00
5	256QAM	1	0	15.90	16.02	15.77	18.00
5	256QAM	1	12	15.91	16.11	15.93	18.00
5	256QAM	1	24	15.93	16.03	15.91	18.00
5	256QAM	12	0	16.06	16.19	16.14	18.00



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5	256QAM	12	7	16.03	16.12	16.04	18.00
5	256QAM	12	13	15.83	16.00	15.93	18.00
5	256QAM	25	0	16.02	16.10	16.01	18.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.26	16.20	16.16	18.00
3	QPSK	1	8	15.97	16.16	16.01	18.00
3	QPSK	1	14	16.07	16.08	15.87	18.00
3	QPSK	8	0	16.16	16.16	16.15	18.00
3	QPSK	8	4	15.83	16.07	15.99	18.00
3	QPSK	8	7	15.81	15.96	15.90	18.00
3	QPSK	15	0	16.00	15.97	15.92	18.00
3	16QAM	1	0	15.86	15.95	15.81	18.00
3	16QAM	1	8	15.87	15.98	15.87	18.00
3	16QAM	1	14	15.79	15.98	15.99	18.00
3	16QAM	8	0	15.97	16.05	15.92	18.00
3	16QAM	8	4	16.06	16.02	15.91	18.00
3	16QAM	8	7	16.02	16.05	15.89	18.00
3	16QAM	15	0	15.92	15.89	15.79	18.00
3	64QAM	1	0	15.92	16.03	15.82	18.00
3	64QAM	1	8	15.86	16.01	15.83	18.00
3	64QAM	1	14	15.95	16.01	15.82	18.00
3	64QAM	8	0	15.87	16.12	16.03	18.00
3	64QAM	8	4	15.93	16.00	15.88	18.00
3	64QAM	8	7	16.05	16.03	16.09	18.00
3	64QAM	15	0	16.00	16.09	15.93	18.00
3	256QAM	1	0	15.81	16.00	15.79	18.00
3	256QAM	1	8	15.95	16.09	15.96	18.00
3	256QAM	1	14	15.93	15.96	15.86	18.00
3	256QAM	8	0	16.11	16.29	16.09	18.00
3	256QAM	8	4	16.04	16.06	15.96	18.00
3	256QAM	8	7	15.94	16.01	15.99	18.00
3	256QAM	15	0	16.00	16.19	16.06	18.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.30	16.32	16.20	18.00
1.4	QPSK	1	3	16.01	16.04	15.95	18.00
1.4	QPSK	1	5	15.99	16.09	15.86	18.00
1.4	QPSK	3	0	16.09	16.12	16.17	18.00
1.4	QPSK	3	1	15.86	16.00	16.00	18.00
1.4	QPSK	3	3	15.82	16.04	15.86	18.00
1.4	QPSK	6	0	15.98	16.00	15.86	18.00
1.4	16QAM	1	0	15.74	16.00	15.89	18.00
1.4	16QAM	1	3	15.82	15.92	15.82	18.00
1.4	16QAM	1	5	15.87	15.94	15.92	18.00
1.4	16QAM	3	0	16.00	16.01	16.02	18.00
1.4	16QAM	3	1	16.02	16.05	15.93	18.00
1.4	16QAM	3	3	15.94	16.02	15.87	18.00
1.4	16QAM	6	0	15.95	15.97	15.89	18.00
1.4	64QAM	1	0	15.94	15.94	15.89	18.00
1.4	64QAM	1	3	15.88	15.96	15.87	18.00
1.4	64QAM	1	5	15.89	16.02	15.82	18.00
1.4	64QAM	3	0	15.95	16.14	16.01	18.00
1.4	64QAM	3	1	16.04	16.01	15.97	18.00
1.4	64QAM	3	3	15.98	16.09	15.97	18.00
1.4	64QAM	6	0	16.02	16.01	15.89	18.00
1.4	256QAM	1	0	15.82	16.01	15.77	18.00
1.4	256QAM	1	3	15.99	16.10	16.05	18.00
1.4	256QAM	1	5	15.95	16.02	15.84	18.00
1.4	256QAM	3	0	16.15	16.30	16.09	18.00
1.4	256QAM	3	1	16.07	16.04	15.94	18.00
1.4	256QAM	3	3	15.92	16.10	15.95	18.00
1.4	256QAM	6	0	16.09	16.13	15.98	18.00



【LTE Band 66_Ant 3_ECI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.20	17.24	17.21	18.20
20	QPSK	1	49	16.91	17.09	16.96	18.20
20	QPSK	1	99	16.99	17.08	16.93	18.20
20	QPSK	50	0	17.16	17.18	17.15	18.20
20	QPSK	50	24	16.87	17.06	16.93	18.20
20	QPSK	50	50	16.93	17.05	16.93	18.20
20	QPSK	100	0	17.13	17.15	17.12	18.20
20	16QAM	1	0	16.88	17.06	16.96	18.20
20	16QAM	1	49	16.89	16.97	16.89	18.20
20	16QAM	1	99	16.90	17.00	16.84	18.20
20	16QAM	50	0	16.81	16.97	16.81	18.20
20	16QAM	50	24	16.89	17.08	16.95	18.20
20	16QAM	50	50	16.82	17.01	16.94	18.20
20	16QAM	100	0	16.98	17.03	16.89	18.20
20	64QAM	1	0	16.95	17.06	16.92	18.20
20	64QAM	1	49	16.99	17.09	16.92	18.20
20	64QAM	1	99	16.86	16.98	16.81	18.20
20	64QAM	50	0	16.83	16.99	16.88	18.20
20	64QAM	50	24	16.94	17.10	17.05	18.20
20	64QAM	50	50	16.99	17.09	16.99	18.20
20	64QAM	100	0	16.94	17.07	16.99	18.20
20	256QAM	1	0	16.94	17.10	16.99	18.20
20	256QAM	1	49	16.95	17.10	16.96	18.20
20	256QAM	1	99	16.97	17.09	16.95	18.20
20	256QAM	50	0	16.95	17.10	17.03	18.20
20	256QAM	50	24	16.86	17.01	16.95	18.20
20	256QAM	50	50	16.96	17.06	16.91	18.20
20	256QAM	100	0	17.08	17.24	17.13	18.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.11	17.20	17.19	18.20
15	QPSK	1	37	16.89	16.96	16.87	18.20
15	QPSK	1	74	16.87	16.97	16.82	18.20
15	QPSK	36	0	17.02	17.04	17.03	18.20
15	QPSK	36	20	16.81	16.93	16.86	18.20
15	QPSK	36	39	16.82	17.01	16.81	18.20
15	QPSK	75	0	17.00	17.07	17.03	18.20
15	16QAM	1	0	16.84	17.03	16.85	18.20
15	16QAM	1	37	16.80	16.95	16.80	18.20
15	16QAM	1	74	16.85	16.93	16.80	18.20
15	16QAM	36	0	16.81	16.94	16.80	18.20
15	16QAM	36	20	16.87	17.03	16.94	18.20
15	16QAM	36	39	16.80	16.93	16.81	18.20
15	16QAM	75	0	16.85	16.97	16.81	18.20
15	64QAM	1	0	16.91	17.05	16.81	18.20
15	64QAM	1	37	16.95	17.00	16.80	18.20
15	64QAM	1	74	16.82	16.93	16.80	18.20
15	64QAM	36	0	16.81	16.90	16.80	18.20
15	64QAM	36	20	16.88	16.99	16.96	18.20
15	64QAM	36	39	16.84	17.06	16.94	18.20
15	64QAM	75	0	16.87	16.99	16.95	18.20
15	256QAM	1	0	16.83	17.05	16.87	18.20
15	256QAM	1	37	16.92	16.97	16.94	18.20
15	256QAM	1	74	16.93	17.00	16.81	18.20
15	256QAM	36	0	16.86	17.00	16.90	18.20
15	256QAM	36	20	16.82	16.91	16.82	18.20
15	256QAM	36	39	16.89	16.93	16.81	18.20
15	256QAM	75	0	17.04	17.20	17.02	18.20
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.18	17.09	17.08	18.20
10	QPSK	1	25	16.80	17.02	16.91	18.20
10	QPSK	1	49	16.87	17.00	16.88	18.20
10	QPSK	25	0	17.10	17.16	17.10	18.20
10	QPSK	25	12	16.80	16.93	16.87	18.20
10	QPSK	25	25	16.87	16.93	16.85	18.20
10	QPSK	50	0	17.07	17.05	16.97	18.20
10	16QAM	1	0	16.80	16.97	16.84	18.20
10	16QAM	1	25	16.81	16.91	16.82	18.20
10	16QAM	1	49	16.87	16.96	16.82	18.20
10	16QAM	25	0	16.81	16.84	16.80	18.20



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10	16QAM	25	12	16.86	16.96	16.85	18.20
10	16QAM	25	25	16.82	16.95	16.81	18.20
10	16QAM	50	0	16.91	17.01	16.87	18.20
10	64QAM	1	0	16.90	16.94	16.82	18.20
10	64QAM	1	25	16.91	17.00	16.85	18.20
10	64QAM	1	49	16.83	16.97	16.82	18.20
10	64QAM	25	0	16.81	16.98	16.80	18.20
10	64QAM	25	12	16.90	16.95	16.95	18.20
10	64QAM	25	25	16.90	17.08	16.97	18.20
10	64QAM	50	0	16.89	17.02	16.88	18.20
10	256QAM	1	0	16.85	17.05	16.87	18.20
10	256QAM	1	25	16.81	17.05	16.95	18.20
10	256QAM	1	49	16.83	16.97	16.89	18.20
10	256QAM	25	0	16.89	17.07	16.98	18.20
10	256QAM	25	12	16.80	16.98	16.80	18.20
10	256QAM	25	25	16.93	16.97	16.84	18.20
10	256QAM	50	0	16.94	17.20	17.03	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.14	17.18	17.08	18.20
5	QPSK	1	12	16.87	17.07	16.94	18.20
5	QPSK	1	24	16.91	17.05	16.87	18.20
5	QPSK	12	0	17.02	17.07	17.02	18.20
5	QPSK	12	7	16.86	16.98	16.90	18.20
5	QPSK	12	13	16.85	16.95	16.88	18.20
5	QPSK	25	0	17.00	17.05	17.06	18.20
5	16QAM	1	0	16.85	17.03	16.93	18.20
5	16QAM	1	12	16.81	16.91	16.81	18.20
5	16QAM	1	24	16.81	16.90	16.81	18.20
5	16QAM	12	0	16.81	16.85	16.81	18.20
5	16QAM	12	7	16.81	16.98	16.88	18.20
5	16QAM	12	13	16.81	16.96	16.90	18.20
5	16QAM	25	0	16.97	17.01	16.80	18.20
5	64QAM	1	0	16.85	17.01	16.80	18.20
5	64QAM	1	12	16.90	16.97	16.81	18.20
5	64QAM	1	24	16.81	16.97	16.81	18.20
5	64QAM	12	0	16.80	16.89	16.82	18.20
5	64QAM	12	7	16.83	17.01	16.97	18.20
5	64QAM	12	13	16.93	17.05	16.94	18.20
5	64QAM	25	0	16.90	16.93	16.85	18.20
5	256QAM	1	0	16.85	17.00	16.87	18.20
5	256QAM	1	12	16.85	16.97	16.94	18.20
5	256QAM	1	24	16.84	16.97	16.85	18.20
5	256QAM	12	0	16.89	17.03	16.93	18.20
5	256QAM	12	7	16.83	16.98	16.85	18.20
5	256QAM	12	13	16.92	17.02	16.89	18.20
5	256QAM	25	0	17.00	17.20	17.00	18.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.09	17.15	17.11	18.20
3	QPSK	1	8	16.81	17.07	16.92	18.20
3	QPSK	1	14	16.85	16.93	16.81	18.20
3	QPSK	8	0	17.13	17.16	17.01	18.20
3	QPSK	8	4	16.80	16.93	16.80	18.20
3	QPSK	8	7	16.89	16.92	16.80	18.20
3	QPSK	15	0	17.06	17.10	17.09	18.20
3	16QAM	1	0	16.86	17.05	16.84	18.20
3	16QAM	1	8	16.81	16.84	16.83	18.20
3	16QAM	1	14	16.85	16.90	16.80	18.20
3	16QAM	8	0	16.80	16.90	16.80	18.20
3	16QAM	8	4	16.82	17.05	16.84	18.20
3	16QAM	8	7	16.80	16.98	16.89	18.20
3	16QAM	15	0	16.88	17.01	16.80	18.20
3	64QAM	1	0	16.93	17.04	16.82	18.20
3	64QAM	1	8	16.95	16.95	16.87	18.20
3	64QAM	1	14	16.82	16.87	16.82	18.20
3	64QAM	8	0	16.81	16.94	16.81	18.20
3	64QAM	8	4	16.89	17.08	17.03	18.20
3	64QAM	8	7	16.90	16.95	16.92	18.20
3	64QAM	15	0	16.82	17.00	16.85	18.20
3	256QAM	1	0	16.81	16.98	16.97	18.20
3	256QAM	1	8	16.91	17.03	16.90	18.20
3	256QAM	1	14	16.94	17.07	16.89	18.20
3	256QAM	8	0	16.93	17.07	16.95	18.20
3	256QAM	8	4	16.85	16.97	16.81	18.20
3	256QAM	8	7	16.89	16.93	16.81	18.20
3	256QAM	15	0	16.95	17.17	17.00	18.20
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.15	17.11	17.14	18.20
1.4	QPSK	1	3	16.84	17.08	16.83	18.20
1.4	QPSK	1	5	16.85	16.96	16.82	18.20
1.4	QPSK	3	0	17.03	17.10	17.04	18.20
1.4	QPSK	3	1	16.82	16.93	16.91	18.20
1.4	QPSK	3	3	16.80	17.03	16.81	18.20
1.4	QPSK	6	0	16.98	17.02	17.05	18.20
1.4	16QAM	1	0	16.81	16.92	16.94	18.20
1.4	16QAM	1	3	16.81	16.84	16.81	18.20
1.4	16QAM	1	5	16.84	16.93	16.82	18.20
1.4	16QAM	3	0	16.80	16.90	16.81	18.20
1.4	16QAM	3	1	16.80	16.97	16.92	18.20
1.4	16QAM	3	3	16.80	17.00	16.92	18.20
1.4	16QAM	6	0	16.89	16.91	16.86	18.20
1.4	64QAM	1	0	16.81	16.96	16.81	18.20
1.4	64QAM	1	3	16.86	17.00	16.80	18.20
1.4	64QAM	1	5	16.81	16.89	16.80	18.20
1.4	64QAM	3	0	16.80	16.91	16.80	18.20
1.4	64QAM	3	1	16.84	16.96	16.99	18.20
1.4	64QAM	3	3	16.95	17.06	16.85	18.20
1.4	64QAM	6	0	16.86	17.05	16.84	18.20
1.4	256QAM	1	0	16.91	17.01	16.84	18.20
1.4	256QAM	1	3	16.90	16.95	16.89	18.20
1.4	256QAM	1	5	16.84	17.04	16.82	18.20
1.4	256QAM	3	0	16.87	17.04	16.89	18.20
1.4	256QAM	3	1	16.81	16.97	16.92	18.20
1.4	256QAM	3	3	16.93	16.97	16.82	18.20
1.4	256QAM	6	0	17.00	17.17	17.03	18.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.71	17.75	17.73	18.20
20	QPSK	1	49	17.44	17.57	17.48	18.20
20	QPSK	1	99	17.42	17.60	17.51	18.20
20	QPSK	50	0	17.69	17.72	17.67	18.20
20	QPSK	50	24	17.48	17.57	17.45	18.20
20	QPSK	50	50	17.46	17.62	17.54	18.20
20	QPSK	100	0	17.66	17.67	17.63	18.20
20	16QAM	1	0	17.37	17.55	17.40	18.20
20	16QAM	1	49	17.44	17.58	17.41	18.20
20	16QAM	1	99	17.35	17.53	17.37	18.20
20	16QAM	50	0	17.53	17.59	17.52	18.20
20	16QAM	50	24	17.43	17.53	17.40	18.20
20	16QAM	50	50	17.44	17.52	17.42	18.20
20	16QAM	100	0	17.42	17.58	17.45	18.20
20	64QAM	1	0	17.37	17.54	17.49	18.20
20	64QAM	1	49	17.33	17.47	17.36	18.20
20	64QAM	1	99	17.41	17.51	17.42	18.20
20	64QAM	50	0	17.42	17.58	17.48	18.20
20	64QAM	50	24	17.45	17.62	17.48	18.20
20	64QAM	50	50	17.47	17.57	17.43	18.20
20	64QAM	100	0	17.46	17.61	17.48	18.20
20	256QAM	1	0	17.41	17.56	17.51	18.20
20	256QAM	1	49	17.34	17.49	17.36	18.20
20	256QAM	1	99	17.46	17.58	17.47	18.20
20	256QAM	50	0	17.43	17.55	17.51	18.20
20	256QAM	50	24	17.47	17.60	17.49	18.20
20	256QAM	50	50	17.39	17.54	17.43	18.20
20	256QAM	100	0	17.48	17.61	17.53	18.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.65	17.73	17.67	18.20
15	QPSK	1	37	17.37	17.47	17.35	18.20
15	QPSK	1	74	17.33	17.47	17.44	18.20
15	QPSK	36	0	17.55	17.58	17.54	18.20
15	QPSK	36	20	17.38	17.51	17.31	18.20
15	QPSK	36	39	17.35	17.55	17.46	18.20
15	QPSK	75	0	17.56	17.58	17.53	18.20



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15	16QAM	1	0	17.27	17.40	17.33	18.20
15	16QAM	1	37	17.35	17.47	17.34	18.20
15	16QAM	1	74	17.29	17.48	17.32	18.20
15	16QAM	36	0	17.40	17.51	17.37	18.20
15	16QAM	36	20	17.36	17.39	17.26	18.20
15	16QAM	36	39	17.34	17.40	17.40	18.20
15	16QAM	75	0	17.32	17.50	17.40	18.20
15	64QAM	1	0	17.31	17.45	17.40	18.20
15	64QAM	1	37	17.22	17.41	17.29	18.20
15	64QAM	1	74	17.35	17.41	17.30	18.20
15	64QAM	36	0	17.28	17.48	17.42	18.20
15	64QAM	36	20	17.34	17.54	17.46	18.20
15	64QAM	36	39	17.32	17.53	17.29	18.20
15	64QAM	75	0	17.35	17.52	17.35	18.20
15	256QAM	1	0	17.39	17.54	17.40	18.20
15	256QAM	1	37	17.30	17.45	17.35	18.20
15	256QAM	1	74	17.42	17.54	17.45	18.20
15	256QAM	36	0	17.34	17.52	17.42	18.20
15	256QAM	36	20	17.40	17.57	17.48	18.20
15	256QAM	36	39	17.25	17.42	17.40	18.20
15	256QAM	75	0	17.39	17.49	17.48	18.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.64	17.63	17.66	18.20
10	QPSK	1	25	17.40	17.54	17.39	18.20
10	QPSK	1	49	17.39	17.45	17.42	18.20
10	QPSK	25	0	17.67	17.58	17.52	18.20
10	QPSK	25	12	17.34	17.52	17.32	18.20
10	QPSK	25	25	17.38	17.58	17.47	18.20
10	QPSK	50	0	17.64	17.54	17.59	18.20
10	16QAM	1	0	17.32	17.51	17.27	18.20
10	16QAM	1	25	17.29	17.53	17.32	18.20
10	16QAM	1	49	17.30	17.48	17.27	18.20
10	16QAM	25	0	17.50	17.45	17.41	18.20
10	16QAM	25	12	17.28	17.51	17.25	18.20
10	16QAM	25	25	17.41	17.40	17.35	18.20
10	16QAM	50	0	17.31	17.46	17.39	18.20
10	64QAM	1	0	17.24	17.43	17.37	18.20
10	64QAM	1	25	17.25	17.42	17.22	18.20
10	64QAM	1	49	17.37	17.36	17.30	18.20
10	64QAM	25	0	17.28	17.53	17.37	18.20
10	64QAM	25	12	17.39	17.57	17.42	18.20
10	64QAM	25	25	17.41	17.50	17.34	18.20
10	64QAM	50	0	17.34	17.48	17.42	18.20
10	256QAM	1	0	17.40	17.46	17.42	18.20
10	256QAM	1	25	17.24	17.42	17.26	18.20
10	256QAM	1	49	17.32	17.55	17.36	18.20
10	256QAM	25	0	17.39	17.41	17.41	18.20
10	256QAM	25	12	17.33	17.59	17.47	18.20
10	256QAM	25	25	17.35	17.51	17.41	18.20
10	256QAM	50	0	17.41	17.49	17.40	18.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.60	17.66	17.65	18.20
5	QPSK	1	12	17.42	17.48	17.39	18.20
5	QPSK	1	24	17.35	17.46	17.48	18.20
5	QPSK	12	0	17.63	17.66	17.56	18.20
5	QPSK	12	7	17.42	17.54	17.32	18.20
5	QPSK	12	13	17.34	17.50	17.39	18.20
5	QPSK	25	0	17.65	17.62	17.59	18.20
5	16QAM	1	0	17.34	17.42	17.26	18.20
5	16QAM	1	12	17.32	17.48	17.34	18.20
5	16QAM	1	24	17.26	17.51	17.28	18.20
5	16QAM	12	0	17.38	17.54	17.49	18.20
5	16QAM	12	7	17.36	17.46	17.38	18.20
5	16QAM	12	13	17.35	17.42	17.32	18.20
5	16QAM	25	0	17.33	17.55	17.30	18.20
5	64QAM	1	0	17.24	17.53	17.38	18.20
5	64QAM	1	12	17.25	17.42	17.34	18.20
5	64QAM	1	24	17.26	17.36	17.39	18.20
5	64QAM	12	0	17.30	17.51	17.34	18.20
5	64QAM	12	7	17.34	17.50	17.43	18.20
5	64QAM	12	13	17.44	17.45	17.29	18.20
5	64QAM	25	0	17.43	17.60	17.39	18.20
5	256QAM	1	0	17.32	17.53	17.47	18.20
5	256QAM	1	12	17.26	17.42	17.26	18.20
5	256QAM	1	24	17.41	17.48	17.42	18.20
5	256QAM	12	0	17.40	17.50	17.49	18.20



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5	256QAM	12	7	17.45	17.52	17.42	18.20
5	256QAM	12	13	17.29	17.51	17.40	18.20
5	256QAM	25	0	17.39	17.59	17.46	18.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.63	17.69	17.65	18.20
3	QPSK	1	8	17.42	17.54	17.45	18.20
3	QPSK	1	14	17.35	17.48	17.47	18.20
3	QPSK	8	0	17.61	17.60	17.54	18.20
3	QPSK	8	4	17.41	17.48	17.43	18.20
3	QPSK	8	7	17.33	17.53	17.48	18.20
3	QPSK	15	0	17.57	17.53	17.60	18.20
3	16QAM	1	0	17.36	17.52	17.38	18.20
3	16QAM	1	8	17.34	17.47	17.29	18.20
3	16QAM	1	14	17.22	17.52	17.36	18.20
3	16QAM	8	0	17.50	17.52	17.39	18.20
3	16QAM	8	4	17.39	17.49	17.37	18.20
3	16QAM	8	7	17.38	17.45	17.32	18.20
3	16QAM	15	0	17.37	17.50	17.32	18.20
3	64QAM	1	0	17.24	17.43	17.35	18.20
3	64QAM	1	8	17.28	17.32	17.29	18.20
3	64QAM	1	14	17.37	17.46	17.36	18.20
3	64QAM	8	0	17.41	17.54	17.44	18.20
3	64QAM	8	4	17.39	17.60	17.34	18.20
3	64QAM	8	7	17.45	17.46	17.40	18.20
3	64QAM	15	0	17.31	17.48	17.45	18.20
3	256QAM	1	0	17.29	17.52	17.50	18.20
3	256QAM	1	8	17.21	17.46	17.24	18.20
3	256QAM	1	14	17.43	17.48	17.38	18.20
3	256QAM	8	0	17.41	17.53	17.47	18.20
3	256QAM	8	4	17.45	17.51	17.37	18.20
3	256QAM	8	7	17.31	17.49	17.38	18.20
3	256QAM	15	0	17.38	17.49	17.43	18.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.68	17.62	17.62	18.20
1.4	QPSK	1	3	17.39	17.54	17.42	18.20
1.4	QPSK	1	5	17.28	17.51	17.46	18.20
1.4	QPSK	3	0	17.59	17.63	17.53	18.20
1.4	QPSK	3	1	17.46	17.53	17.39	18.20
1.4	QPSK	3	3	17.41	17.54	17.46	18.20
1.4	QPSK	6	0	17.61	17.62	17.59	18.20
1.4	16QAM	1	0	17.27	17.43	17.35	18.20
1.4	16QAM	1	3	17.41	17.51	17.34	18.20
1.4	16QAM	1	5	17.31	17.44	17.28	18.20
1.4	16QAM	3	0	17.52	17.58	17.37	18.20
1.4	16QAM	3	1	17.39	17.47	17.38	18.20
1.4	16QAM	3	3	17.31	17.49	17.38	18.20
1.4	16QAM	6	0	17.35	17.54	17.40	18.20
1.4	64QAM	1	0	17.34	17.51	17.47	18.20
1.4	64QAM	1	3	17.18	17.35	17.27	18.20
1.4	64QAM	1	5	17.34	17.46	17.37	18.20
1.4	64QAM	3	0	17.31	17.49	17.45	18.20
1.4	64QAM	3	1	17.38	17.55	17.34	18.20
1.4	64QAM	3	3	17.41	17.47	17.34	18.20
1.4	64QAM	6	0	17.41	17.52	17.36	18.20
1.4	256QAM	1	0	17.40	17.45	17.40	18.20
1.4	256QAM	1	3	17.21	17.47	17.31	18.20
1.4	256QAM	1	5	17.43	17.50	17.36	18.20
1.4	256QAM	3	0	17.42	17.46	17.49	18.20
1.4	256QAM	3	1	17.44	17.49	17.43	18.20
1.4	256QAM	3	3	17.35	17.44	17.29	18.20
1.4	256QAM	6	0	17.41	17.50	17.46	18.20

【LTE Band 66_Ant 3_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.22	17.28	17.25	19.00
20	QPSK	1	49	16.99	17.08	16.92	19.00
20	QPSK	1	99	16.86	17.06	17.01	19.00
20	QPSK	50	0	17.21	17.27	17.23	19.00
20	QPSK	50	24	16.98	17.16	17.09	19.00
20	QPSK	50	50	16.89	17.08	16.98	19.00
20	QPSK	100	0	17.15	17.19	17.16	19.00
20	16QAM	1	0	16.98	17.07	17.01	19.00
20	16QAM	1	49	16.91	17.06	16.88	19.00
20	16QAM	1	99	16.80	16.99	16.82	19.00
20	16QAM	50	0	16.93	17.04	16.94	19.00
20	16QAM	50	24	16.88	17.06	16.90	19.00
20	16QAM	50	50	16.97	17.10	16.92	19.00
20	16QAM	100	0	17.01	17.10	17.04	19.00
20	64QAM	1	0	16.94	17.06	17.00	19.00
20	64QAM	1	49	16.87	17.02	16.84	19.00
20	64QAM	1	99	16.97	17.11	17.03	19.00
20	64QAM	50	0	16.88	16.97	16.89	19.00
20	64QAM	50	24	16.89	16.99	16.85	19.00
20	64QAM	50	50	16.98	17.12	17.07	19.00
20	64QAM	100	0	16.94	17.11	17.05	19.00
20	256QAM	1	0	16.93	17.05	16.89	19.00
20	256QAM	1	49	16.98	17.07	17.02	19.00
20	256QAM	1	99	16.88	17.04	16.92	19.00
20	256QAM	50	0	17.00	17.11	16.97	19.00
20	256QAM	50	24	16.82	17.01	16.89	19.00
20	256QAM	50	50	16.89	17.01	16.91	19.00
20	256QAM	100	0	16.92	17.00	16.96	19.00
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.19	17.23	17.22	19.00
15	QPSK	1	37	16.96	16.97	16.83	19.00
15	QPSK	1	74	16.75	16.94	16.93	19.00
15	QPSK	36	0	17.15	17.21	17.21	19.00
15	QPSK	36	20	16.95	17.09	17.00	19.00
15	QPSK	36	39	16.84	17.05	16.92	19.00
15	QPSK	75	0	17.02	17.15	17.08	19.00
15	16QAM	1	0	16.94	16.94	16.88	19.00
15	16QAM	1	37	16.78	16.95	16.82	19.00
15	16QAM	1	74	16.73	16.88	16.68	19.00
15	16QAM	36	0	16.83	17.00	16.86	19.00
15	16QAM	36	20	16.84	16.93	16.81	19.00
15	16QAM	36	39	16.88	16.98	16.88	19.00
15	16QAM	75	0	16.88	17.00	16.92	19.00
15	64QAM	1	0	16.92	16.93	16.90	19.00
15	64QAM	1	37	16.75	16.94	16.71	19.00
15	64QAM	1	74	16.90	17.08	16.98	19.00
15	64QAM	36	0	16.79	16.95	16.79	19.00
15	64QAM	36	20	16.77	16.85	16.74	19.00
15	64QAM	36	39	16.93	17.05	17.04	19.00
15	64QAM	75	0	16.83	17.07	17.02	19.00
15	256QAM	1	0	16.82	17.03	16.76	19.00
15	256QAM	1	37	16.95	17.05	16.88	19.00
15	256QAM	1	74	16.82	17.02	16.83	19.00
15	256QAM	36	0	16.87	17.03	16.93	19.00
15	256QAM	36	20	16.68	16.88	16.82	19.00
15	256QAM	36	39	16.85	16.97	16.87	19.00
15	256QAM	75	0	16.81	16.94	16.90	19.00
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.16	17.19	17.21	19.00
10	QPSK	1	25	16.92	16.95	16.89	19.00
10	QPSK	1	49	16.76	17.02	16.97	19.00
10	QPSK	25	0	17.13	17.15	17.16	19.00
10	QPSK	25	12	16.92	17.10	17.02	19.00
10	QPSK	25	25	16.80	16.93	16.88	19.00
10	QPSK	50	0	17.11	17.06	17.09	19.00
10	16QAM	1	0	16.85	16.96	16.89	19.00
10	16QAM	1	25	16.78	16.98	16.77	19.00
10	16QAM	1	49	16.77	16.87	16.69	19.00
10	16QAM	25	0	16.87	17.01	16.87	19.00



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10	16QAM	25	12	16.73	16.91	16.82	19.00
10	16QAM	25	25	16.90	17.08	16.87	19.00
10	16QAM	50	0	16.97	17.00	16.92	19.00
10	64QAM	1	0	16.81	16.94	16.93	19.00
10	64QAM	1	25	16.83	16.98	16.73	19.00
10	64QAM	1	49	16.89	16.97	17.02	19.00
10	64QAM	25	0	16.85	16.83	16.82	19.00
10	64QAM	25	12	16.86	16.93	16.84	19.00
10	64QAM	25	25	16.97	17.04	17.06	19.00
10	64QAM	50	0	16.84	17.04	16.98	19.00
10	256QAM	1	0	16.86	16.97	16.85	19.00
10	256QAM	1	25	16.91	17.06	16.94	19.00
10	256QAM	1	49	16.74	16.90	16.78	19.00
10	256QAM	25	0	16.86	17.00	16.84	19.00
10	256QAM	25	12	16.77	16.93	16.76	19.00
10	256QAM	25	25	16.78	16.87	16.90	19.00
10	256QAM	50	0	16.90	16.99	16.85	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.18	17.21	17.16	19.00
5	QPSK	1	12	16.87	17.04	16.77	19.00
5	QPSK	1	24	16.85	17.01	16.90	19.00
5	QPSK	12	0	17.20	17.21	17.17	19.00
5	QPSK	12	7	16.96	17.09	17.06	19.00
5	QPSK	12	13	16.75	16.98	16.83	19.00
5	QPSK	25	0	17.08	17.16	17.08	19.00
5	16QAM	1	0	16.85	16.93	16.93	19.00
5	16QAM	1	12	16.78	17.01	16.75	19.00
5	16QAM	1	24	16.75	16.89	16.72	19.00
5	16QAM	12	0	16.83	16.95	16.80	19.00
5	16QAM	12	7	16.85	16.91	16.78	19.00
5	16QAM	12	13	16.89	17.01	16.87	19.00
5	16QAM	25	0	16.92	17.01	16.91	19.00
5	64QAM	1	0	16.83	17.03	16.87	19.00
5	64QAM	1	12	16.85	16.99	16.74	19.00
5	64QAM	1	24	16.84	16.99	17.01	19.00
5	64QAM	12	0	16.86	16.84	16.79	19.00
5	64QAM	12	7	16.76	16.96	16.70	19.00
5	64QAM	12	13	16.94	17.03	17.06	19.00
5	64QAM	25	0	16.82	17.05	17.04	19.00
5	256QAM	1	0	16.87	17.02	16.88	19.00
5	256QAM	1	12	16.89	16.96	16.90	19.00
5	256QAM	1	24	16.86	16.94	16.89	19.00
5	256QAM	12	0	16.91	17.07	16.91	19.00
5	256QAM	12	7	16.71	16.97	16.80	19.00
5	256QAM	12	13	16.86	16.92	16.80	19.00
5	256QAM	25	0	16.86	16.92	16.89	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.13	17.14	17.19	19.00
3	QPSK	1	8	16.95	17.04	16.87	19.00
3	QPSK	1	14	16.75	16.99	16.91	19.00
3	QPSK	8	0	17.11	17.24	17.11	19.00
3	QPSK	8	4	16.94	17.10	16.95	19.00
3	QPSK	8	7	16.80	17.03	16.93	19.00
3	QPSK	15	0	17.03	17.15	17.09	19.00
3	16QAM	1	0	16.86	17.04	16.95	19.00
3	16QAM	1	8	16.85	16.94	16.85	19.00
3	16QAM	1	14	16.79	16.85	16.79	19.00
3	16QAM	8	0	16.80	17.02	16.81	19.00
3	16QAM	8	4	16.79	16.96	16.88	19.00
3	16QAM	8	7	16.91	17.05	16.88	19.00
3	16QAM	15	0	16.91	17.06	16.89	19.00
3	64QAM	1	0	16.83	16.97	16.94	19.00
3	64QAM	1	8	16.76	16.99	16.76	19.00
3	64QAM	1	14	16.87	16.96	16.92	19.00
3	64QAM	8	0	16.84	16.85	16.87	19.00
3	64QAM	8	4	16.79	16.85	16.72	19.00
3	64QAM	8	7	16.95	16.98	16.95	19.00
3	64QAM	15	0	16.84	17.08	16.96	19.00
3	256QAM	1	0	16.88	16.91	16.82	19.00
3	256QAM	1	8	16.89	16.98	16.95	19.00
3	256QAM	1	14	16.77	16.93	16.87	19.00
3	256QAM	8	0	16.93	16.97	16.84	19.00
3	256QAM	8	4	16.74	16.97	16.78	19.00
3	256QAM	8	7	16.77	16.87	16.77	19.00
3	256QAM	15	0	16.86	16.94	16.93	19.00
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.11	17.25	17.22	19.00
1.4	QPSK	1	3	16.91	17.04	16.82	19.00
1.4	QPSK	1	5	16.81	16.99	16.91	19.00
1.4	QPSK	3	0	17.18	17.21	17.14	19.00
1.4	QPSK	3	1	16.90	17.09	17.08	19.00
1.4	QPSK	3	3	16.84	17.04	16.89	19.00
1.4	QPSK	6	0	17.09	17.11	17.14	19.00
1.4	16QAM	1	0	16.87	16.92	16.89	19.00
1.4	16QAM	1	3	16.86	17.00	16.83	19.00
1.4	16QAM	1	5	16.75	16.98	16.71	19.00
1.4	16QAM	3	0	16.80	16.98	16.89	19.00
1.4	16QAM	3	1	16.85	16.99	16.76	19.00
1.4	16QAM	3	3	16.93	17.03	16.90	19.00
1.4	16QAM	6	0	16.96	16.97	16.97	19.00
1.4	64QAM	1	0	16.88	16.93	16.86	19.00
1.4	64QAM	1	3	16.79	17.00	16.69	19.00
1.4	64QAM	1	5	16.86	17.01	16.94	19.00
1.4	64QAM	3	0	16.79	16.85	16.80	19.00
1.4	64QAM	3	1	16.75	16.97	16.80	19.00
1.4	64QAM	3	3	16.94	16.98	16.96	19.00
1.4	64QAM	6	0	16.81	16.97	16.99	19.00
1.4	256QAM	1	0	16.90	16.98	16.85	19.00
1.4	256QAM	1	3	16.94	17.04	16.99	19.00
1.4	256QAM	1	5	16.86	17.00	16.82	19.00
1.4	256QAM	3	0	16.88	17.01	16.96	19.00
1.4	256QAM	3	1	16.77	16.97	16.76	19.00
1.4	256QAM	3	3	16.80	16.97	16.88	19.00
1.4	256QAM	6	0	16.80	16.94	16.91	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.74	24.78	24.70	25.70
20	QPSK	1	49	24.69	24.75	24.54	25.70
20	QPSK	1	99	24.62	24.70	24.59	25.70
20	QPSK	50	0	23.79	23.87	23.71	24.70
20	QPSK	50	24	23.71	23.85	23.64	24.70
20	QPSK	50	50	23.70	23.81	23.65	24.70
20	QPSK	100	0	23.75	23.89	23.76	24.70
20	16QAM	1	0	23.99	24.06	23.90	24.70
20	16QAM	1	49	24.03	24.10	23.97	24.70
20	16QAM	1	99	23.89	24.01	23.85	24.70
20	16QAM	50	0	22.78	22.87	22.65	23.70
20	16QAM	50	24	22.82	22.87	22.68	23.70
20	16QAM	50	50	22.81	22.90	22.75	23.70
20	16QAM	100	0	22.81	22.89	22.71	23.70
20	64QAM	1	0	22.79	22.96	22.87	23.70
20	64QAM	1	49	22.82	22.95	22.80	23.70
20	64QAM	1	99	22.95	23.02	22.81	23.70
20	64QAM	50	0	21.80	21.86	21.66	22.70
20	64QAM	50	24	21.67	21.84	21.75	22.70
20	64QAM	50	50	21.85	21.90	21.70	22.70
20	64QAM	100	0	21.75	21.90	21.71	22.70
20	256QAM	1	0	19.69	19.84	19.70	20.70
20	256QAM	1	49	19.87	19.93	19.80	20.70
20	256QAM	1	99	19.81	19.96	19.77	20.70
20	256QAM	50	0	19.70	19.81	19.61	20.70
20	256QAM	50	24	19.71	19.84	19.70	20.70
20	256QAM	50	50	19.73	19.88	19.74	20.70
20	256QAM	100	0	19.77	19.85	19.69	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.63	24.73	24.57	25.70
15	QPSK	1	37	24.61	24.72	24.48	25.70
15	QPSK	1	74	24.57	24.56	24.55	25.70
15	QPSK	36	0	23.68	23.85	23.69	24.70
15	QPSK	36	20	23.59	23.72	23.52	24.70
15	QPSK	36	39	23.67	23.67	23.51	24.70
15	QPSK	75	0	23.69	23.83	23.74	24.70



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15	16QAM	1	0	23.85	23.92	23.84	24.70
15	16QAM	1	37	23.97	24.01	23.88	24.70
15	16QAM	1	74	23.84	23.92	23.80	24.70
15	16QAM	36	0	22.68	22.83	22.51	23.70
15	16QAM	36	20	22.74	22.74	22.64	23.70
15	16QAM	36	39	22.69	22.85	22.65	23.70
15	16QAM	75	0	22.69	22.76	22.65	23.70
15	64QAM	1	0	22.72	22.83	22.80	23.70
15	64QAM	1	37	22.69	22.82	22.75	23.70
15	64QAM	1	74	22.85	22.91	22.75	23.70
15	64QAM	36	0	21.66	21.78	21.54	22.70
15	64QAM	36	20	21.58	21.79	21.72	22.70
15	64QAM	36	39	21.75	21.75	21.63	22.70
15	64QAM	75	0	21.72	21.87	21.57	22.70
15	256QAM	1	0	19.56	19.82	19.66	20.70
15	256QAM	1	37	19.80	19.82	19.71	20.70
15	256QAM	1	74	19.68	19.83	19.76	20.70
15	256QAM	36	0	19.58	19.67	19.48	20.70
15	256QAM	36	20	19.58	19.82	19.65	20.70
15	256QAM	36	39	19.59	19.82	19.63	20.70
15	256QAM	75	0	19.71	19.76	19.56	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.70	24.66	24.56	25.70
10	QPSK	1	25	24.68	24.68	24.49	25.70
10	QPSK	1	49	24.49	24.58	24.55	25.70
10	QPSK	25	0	23.69	23.73	23.56	24.70
10	QPSK	25	12	23.70	23.74	23.58	24.70
10	QPSK	25	25	23.60	23.79	23.58	24.70
10	QPSK	50	0	23.60	23.79	23.72	24.70
10	16QAM	1	0	23.91	23.97	23.87	24.70
10	16QAM	1	25	23.93	24.09	23.92	24.70
10	16QAM	1	49	23.82	23.94	23.81	24.70
10	16QAM	25	0	22.65	22.78	22.63	23.70
10	16QAM	25	12	22.74	22.77	22.57	23.70
10	16QAM	25	25	22.80	22.83	22.74	23.70
10	16QAM	50	0	22.78	22.87	22.65	23.70
10	64QAM	1	0	22.74	22.86	22.77	23.70
10	64QAM	1	25	22.78	22.91	22.78	23.70
10	64QAM	1	49	22.82	23.00	22.75	23.70
10	64QAM	25	0	21.69	21.84	21.58	22.70
10	64QAM	25	12	21.62	21.82	21.62	22.70
10	64QAM	25	25	21.76	21.89	21.60	22.70
10	64QAM	50	0	21.66	21.80	21.62	22.70
10	256QAM	1	0	19.57	19.74	19.63	20.70
10	256QAM	1	25	19.77	19.86	19.68	20.70
10	256QAM	1	49	19.74	19.93	19.76	20.70
10	256QAM	25	0	19.58	19.76	19.56	20.70
10	256QAM	25	12	19.62	19.70	19.58	20.70
10	256QAM	25	25	19.66	19.86	19.71	20.70
10	256QAM	50	0	19.67	19.81	19.68	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.61	24.71	24.65	25.70
5	QPSK	1	12	24.66	24.70	24.51	25.70
5	QPSK	1	24	24.59	24.64	24.48	25.70
5	QPSK	12	0	23.67	23.85	23.63	24.70
5	QPSK	12	7	23.63	23.73	23.50	24.70
5	QPSK	12	13	23.62	23.76	23.62	24.70
5	QPSK	25	0	23.71	23.84	23.71	24.70
5	16QAM	1	0	23.91	23.97	23.87	24.70
5	16QAM	1	12	23.90	24.09	23.92	24.70
5	16QAM	1	24	23.85	23.88	23.84	24.70
5	16QAM	12	0	22.71	22.81	22.51	23.70
5	16QAM	12	7	22.76	22.74	22.62	23.70
5	16QAM	12	13	22.76	22.76	22.61	23.70
5	16QAM	25	0	22.78	22.81	22.62	23.70
5	64QAM	1	0	22.73	22.94	22.82	23.70
5	64QAM	1	12	22.71	22.91	22.67	23.70
5	64QAM	1	24	22.91	22.98	22.75	23.70
5	64QAM	12	0	21.78	21.78	21.64	22.70
5	64QAM	12	7	21.54	21.77	21.63	22.70
5	64QAM	12	13	21.77	21.79	21.56	22.70
5	64QAM	25	0	21.68	21.80	21.59	22.70
5	256QAM	1	0	19.56	19.80	19.56	20.70
5	256QAM	1	12	19.79	19.81	19.78	20.70
5	256QAM	1	24	19.78	19.91	19.72	20.70
5	256QAM	12	0	19.60	19.72	19.57	20.70



5	256QAM	12	7	19.62	19.81	19.61	20.70
5	256QAM	12	13	19.67	19.73	19.71	20.70
5	256QAM	25	0	19.72	19.70	19.65	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.70	24.67	24.63	25.70
3	QPSK	1	8	24.57	24.72	24.47	25.70
3	QPSK	1	14	24.55	24.61	24.47	25.70
3	QPSK	8	0	23.75	23.77	23.59	24.70
3	QPSK	8	4	23.58	23.73	23.51	24.70
3	QPSK	8	7	23.66	23.72	23.51	24.70
3	QPSK	15	0	23.65	23.81	23.66	24.70
3	16QAM	1	0	23.93	23.96	23.79	24.70
3	16QAM	1	8	23.98	24.08	23.83	24.70
3	16QAM	1	14	23.78	23.98	23.74	24.70
3	16QAM	8	0	22.69	22.81	22.55	23.70
3	16QAM	8	4	22.77	22.76	22.60	23.70
3	16QAM	8	7	22.76	22.75	22.66	23.70
3	16QAM	15	0	22.73	22.88	22.67	23.70
3	64QAM	1	0	22.65	22.84	22.75	23.70
3	64QAM	1	8	22.75	22.94	22.66	23.70
3	64QAM	1	14	22.82	22.95	22.78	23.70
3	64QAM	8	0	21.69	21.83	21.56	22.70
3	64QAM	8	4	21.54	21.70	21.69	22.70
3	64QAM	8	7	21.79	21.79	21.65	22.70
3	64QAM	15	0	21.63	21.78	21.64	22.70
3	256QAM	1	0	19.57	19.83	19.56	20.70
3	256QAM	1	8	19.73	19.87	19.66	20.70
3	256QAM	1	14	19.66	19.89	19.63	20.70
3	256QAM	8	0	19.59	19.80	19.60	20.70
3	256QAM	8	4	19.62	19.83	19.66	20.70
3	256QAM	8	7	19.61	19.82	19.64	20.70
3	256QAM	15	0	19.69	19.82	19.63	20.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.62	24.70	24.63	25.70
1.4	QPSK	1	3	24.62	24.61	24.45	25.70
1.4	QPSK	1	5	24.58	24.65	24.45	25.70
1.4	QPSK	3	0	24.65	24.80	24.62	25.70
1.4	QPSK	3	1	24.66	24.74	24.58	25.70
1.4	QPSK	3	3	24.67	24.68	24.57	25.70
1.4	QPSK	6	0	23.64	23.75	23.72	24.70
1.4	16QAM	1	0	23.85	24.04	23.87	24.70
1.4	16QAM	1	3	23.96	23.96	23.90	24.70
1.4	16QAM	1	5	23.85	23.96	23.74	24.70
1.4	16QAM	3	0	23.74	23.75	23.56	24.70
1.4	16QAM	3	1	23.80	23.82	23.65	24.70
1.4	16QAM	3	3	23.74	23.83	23.61	24.70
1.4	16QAM	6	0	22.78	22.75	22.61	23.70
1.4	64QAM	1	0	22.68	22.88	22.74	23.70
1.4	64QAM	1	3	22.72	22.80	22.79	23.70
1.4	64QAM	1	5	22.86	22.95	22.67	23.70
1.4	64QAM	3	0	22.76	22.84	22.59	23.70
1.4	64QAM	3	1	22.55	22.70	22.69	23.70
1.4	64QAM	3	3	22.73	22.86	22.59	23.70
1.4	64QAM	6	0	21.66	21.84	21.59	22.70
1.4	256QAM	1	0	19.56	19.71	19.61	20.70
1.4	256QAM	1	3	19.82	19.88	19.66	20.70
1.4	256QAM	1	5	19.77	19.94	19.70	20.70
1.4	256QAM	3	0	19.67	19.80	19.57	20.70
1.4	256QAM	3	1	19.65	19.73	19.63	20.70
1.4	256QAM	3	3	19.60	19.77	19.73	20.70
1.4	256QAM	6	0	19.71	19.79	19.62	20.70



【LTE Band 66_Ant 3_ECI4-1】

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	25.19	25.23	25.12	25.70
20	QPSK	1	49	24.97	25.11	24.93	25.70
20	QPSK	1	99	24.98	25.05	24.84	25.70
20	QPSK	50	0	24.10	24.17	24.07	24.70
20	QPSK	50	24	24.05	24.15	24.02	24.70
20	QPSK	50	50	24.08	24.16	23.95	24.70
20	QPSK	100	0	23.94	24.05	23.82	24.70
20	16QAM	1	0	24.14	24.22	24.00	24.70
20	16QAM	1	49	23.96	24.12	23.96	24.70
20	16QAM	1	99	23.96	24.06	23.91	24.70
20	16QAM	50	0	22.96	23.14	23.02	23.70
20	16QAM	50	24	22.91	23.01	22.86	23.70
20	16QAM	50	50	22.99	23.06	22.83	23.70
20	16QAM	100	0	23.01	23.10	22.86	23.70
20	64QAM	1	0	22.96	23.10	22.88	23.70
20	64QAM	1	49	22.96	23.08	22.86	23.70
20	64QAM	1	99	22.91	23.00	22.84	23.70
20	64QAM	50	0	22.02	22.13	21.99	22.70
20	64QAM	50	24	22.05	22.14	22.00	22.70
20	64QAM	50	50	21.99	22.09	21.85	22.70
20	64QAM	100	0	21.96	22.10	21.95	22.70
20	256QAM	1	0	19.98	20.04	19.92	20.70
20	256QAM	1	49	19.85	20.02	19.79	20.70
20	256QAM	1	99	19.85	19.93	19.82	20.70
20	256QAM	50	0	20.00	20.06	19.95	20.70
20	256QAM	50	24	19.97	20.14	19.93	20.70
20	256QAM	50	50	19.99	20.06	19.91	20.70
20	256QAM	100	0	19.97	20.12	20.02	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.09	25.11	25.06	25.70
15	QPSK	1	37	24.86	25.06	24.91	25.70
15	QPSK	1	74	24.92	25.00	24.78	25.70
15	QPSK	36	0	23.92	24.05	23.99	24.70
15	QPSK	36	20	24.00	24.10	23.88	24.70
15	QPSK	36	39	24.00	24.12	23.90	24.70
15	QPSK	75	0	23.90	23.98	23.70	24.70
15	16QAM	1	0	24.13	24.12	23.88	24.70
15	16QAM	1	37	23.92	24.11	23.88	24.70
15	16QAM	1	74	23.82	24.01	23.79	24.70
15	16QAM	36	0	22.85	23.05	22.90	23.70
15	16QAM	36	20	22.90	22.93	22.81	23.70
15	16QAM	36	39	22.88	22.96	22.81	23.70
15	16QAM	75	0	22.93	23.07	22.77	23.70
15	64QAM	1	0	22.87	22.98	22.81	23.70
15	64QAM	1	37	22.85	22.96	22.81	23.70
15	64QAM	1	74	22.78	22.98	22.80	23.70
15	64QAM	36	0	21.96	21.99	21.86	22.70
15	64QAM	36	20	21.94	21.99	21.97	22.70
15	64QAM	36	39	21.86	21.99	21.70	22.70
15	64QAM	75	0	21.93	22.07	21.84	22.70
15	256QAM	1	0	19.84	19.93	19.89	20.70
15	256QAM	1	37	19.71	19.94	19.75	20.70
15	256QAM	1	74	19.78	19.85	19.70	20.70
15	256QAM	36	0	19.95	19.95	19.93	20.70
15	256QAM	36	20	19.83	20.03	19.90	20.70
15	256QAM	36	39	19.97	19.92	19.79	20.70
15	256QAM	75	0	19.92	20.10	19.98	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	25.11	25.19	25.07	25.70
10	QPSK	1	25	24.93	24.97	24.86	25.70
10	QPSK	1	49	24.88	24.94	24.72	25.70
10	QPSK	25	0	23.90	24.03	23.97	24.70
10	QPSK	25	12	24.00	24.12	23.94	24.70
10	QPSK	25	25	23.99	24.02	23.84	24.70
10	QPSK	50	0	23.86	23.95	23.77	24.70
10	16QAM	1	0	24.07	24.20	23.96	24.70
10	16QAM	1	25	23.87	24.02	23.93	24.70
10	16QAM	1	49	23.85	23.97	23.81	24.70
10	16QAM	25	0	22.92	23.12	22.92	23.70



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10	16QAM	25	12	22.78	22.89	22.71	23.70
10	16QAM	25	25	22.87	23.02	22.69	23.70
10	16QAM	50	0	22.98	22.98	22.77	23.70
10	64QAM	1	0	22.92	23.00	22.74	23.70
10	64QAM	1	25	22.85	22.94	22.73	23.70
10	64QAM	1	49	22.83	22.93	22.78	23.70
10	64QAM	25	0	21.90	22.01	21.94	22.70
10	64QAM	25	12	21.99	22.05	21.86	22.70
10	64QAM	25	25	21.93	21.99	21.80	22.70
10	64QAM	50	0	21.83	22.07	21.82	22.70
10	256QAM	1	0	19.96	19.99	19.88	20.70
10	256QAM	1	25	19.76	19.96	19.77	20.70
10	256QAM	1	49	19.83	19.92	19.71	20.70
10	256QAM	25	0	19.99	19.97	19.80	20.70
10	256QAM	25	12	19.89	20.08	19.79	20.70
10	256QAM	25	25	19.84	19.91	19.86	20.70
10	256QAM	50	0	19.86	19.99	19.98	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	25.12	25.16	24.99	25.70
5	QPSK	1	12	24.85	24.98	24.84	25.70
5	QPSK	1	24	24.83	24.96	24.70	25.70
5	QPSK	12	0	23.93	24.02	23.91	24.70
5	QPSK	12	7	23.97	24.11	23.89	24.70
5	QPSK	12	13	24.03	24.07	23.93	24.70
5	QPSK	25	0	23.90	23.97	23.70	24.70
5	16QAM	1	0	24.07	24.09	23.96	24.70
5	16QAM	1	12	23.86	24.04	23.84	24.70
5	16QAM	1	24	23.90	23.91	23.86	24.70
5	16QAM	12	0	22.90	23.10	22.88	23.70
5	16QAM	12	7	22.81	22.94	22.78	23.70
5	16QAM	12	13	22.93	22.92	22.78	23.70
5	16QAM	25	0	22.96	22.99	22.75	23.70
5	64QAM	1	0	22.93	23.01	22.79	23.70
5	64QAM	1	12	22.88	23.07	22.76	23.70
5	64QAM	1	24	22.89	22.96	22.74	23.70
5	64QAM	12	0	21.96	21.98	21.93	22.70
5	64QAM	12	7	21.90	22.13	21.87	22.70
5	64QAM	12	13	21.87	22.05	21.73	22.70
5	64QAM	25	0	21.95	22.07	21.87	22.70
5	256QAM	1	0	19.92	20.02	19.80	20.70
5	256QAM	1	12	19.79	19.94	19.75	20.70
5	256QAM	1	24	19.83	19.90	19.77	20.70
5	256QAM	12	0	19.90	19.97	19.82	20.70
5	256QAM	12	7	19.95	20.03	19.91	20.70
5	256QAM	12	13	19.88	20.01	19.77	20.70
5	256QAM	25	0	19.93	20.04	19.98	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	25.09	25.11	25.04	25.70
3	QPSK	1	8	24.91	25.09	24.89	25.70
3	QPSK	1	14	24.89	24.99	24.73	25.70
3	QPSK	8	0	23.88	24.06	23.88	24.70
3	QPSK	8	4	23.97	24.00	23.89	24.70
3	QPSK	8	7	23.97	24.04	23.82	24.70
3	QPSK	15	0	23.81	23.91	23.75	24.70
3	16QAM	1	0	24.10	24.19	23.85	24.70
3	16QAM	1	8	23.90	24.03	23.88	24.70
3	16QAM	1	14	23.83	23.92	23.88	24.70
3	16QAM	8	0	22.88	22.99	22.94	23.70
3	16QAM	8	4	22.86	22.99	22.78	23.70
3	16QAM	8	7	22.91	23.00	22.72	23.70
3	16QAM	15	0	23.00	23.06	22.82	23.70
3	64QAM	1	0	22.95	23.09	22.86	23.70
3	64QAM	1	8	22.82	22.95	22.83	23.70
3	64QAM	1	14	22.81	22.88	22.76	23.70
3	64QAM	8	0	21.93	22.12	21.94	22.70
3	64QAM	8	4	21.90	22.05	21.96	22.70
3	64QAM	8	7	21.95	21.99	21.84	22.70
3	64QAM	15	0	21.91	22.04	21.82	22.70
3	256QAM	1	0	19.84	19.99	19.79	20.70
3	256QAM	1	8	19.77	19.98	19.65	20.70
3	256QAM	1	14	19.71	19.81	19.74	20.70
3	256QAM	8	0	19.96	19.96	19.82	20.70
3	256QAM	8	4	19.96	20.13	19.88	20.70
3	256QAM	8	7	19.88	19.96	19.81	20.70
3	256QAM	15	0	19.83	20.06	19.89	20.70
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	25.06	25.11	25.09	25.70
1.4	QPSK	1	3	24.96	25.08	24.85	25.70
1.4	QPSK	1	5	24.85	25.02	24.78	25.70
1.4	QPSK	3	0	24.91	25.04	24.86	25.70
1.4	QPSK	3	1	24.96	25.13	24.94	25.70
1.4	QPSK	3	3	24.95	25.09	24.94	25.70
1.4	QPSK	6	0	23.88	24.03	23.74	24.70
1.4	16QAM	1	0	24.01	24.18	23.88	24.70
1.4	16QAM	1	3	23.82	24.10	23.93	24.70
1.4	16QAM	1	5	23.84	23.99	23.81	24.70
1.4	16QAM	3	0	23.92	24.08	23.88	24.70
1.4	16QAM	3	1	23.83	23.95	23.80	24.70
1.4	16QAM	3	3	23.86	23.93	23.80	24.70
1.4	16QAM	6	0	22.98	22.96	22.75	23.70
1.4	64QAM	1	0	22.92	23.00	22.81	23.70
1.4	64QAM	1	3	22.91	22.97	22.74	23.70
1.4	64QAM	1	5	22.80	22.89	22.77	23.70
1.4	64QAM	3	0	22.96	22.99	22.96	23.70
1.4	64QAM	3	1	22.94	23.03	22.89	23.70
1.4	64QAM	3	3	22.97	23.03	22.74	23.70
1.4	64QAM	6	0	21.90	22.09	21.91	22.70
1.4	256QAM	1	0	19.90	20.02	19.82	20.70
1.4	256QAM	1	3	19.77	19.91	19.67	20.70
1.4	256QAM	1	5	19.78	19.85	19.68	20.70
1.4	256QAM	3	0	19.88	19.99	19.85	20.70
1.4	256QAM	3	1	19.94	20.11	19.85	20.70
1.4	256QAM	3	3	19.97	19.91	19.89	20.70
1.4	256QAM	6	0	19.89	20.03	19.92	20.70

【LTE Band 66_Ant 3_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.72	22.75	22.70	24.50
20	QPSK	1	49	22.58	22.62	22.57	24.50
20	QPSK	1	99	22.60	22.68	22.60	24.50
20	QPSK	50	0	21.66	21.73	21.59	23.50
20	QPSK	50	24	21.57	21.63	21.58	23.50
20	QPSK	50	50	21.57	21.64	21.57	23.50
20	QPSK	100	0	21.58	21.74	21.65	23.50
20	16QAM	1	0	21.46	21.62	21.54	23.50
20	16QAM	1	49	21.62	21.68	21.62	23.50
20	16QAM	1	99	21.70	21.75	21.59	23.50
20	16QAM	50	0	20.59	20.74	20.67	22.50
20	16QAM	50	24	20.50	20.63	20.54	22.50
20	16QAM	50	50	20.45	20.62	20.44	22.50
20	16QAM	100	0	20.60	20.64	20.51	22.50
20	64QAM	1	0	20.44	20.50	20.43	22.50
20	64QAM	1	49	20.59	20.64	20.53	22.50
20	64QAM	1	99	20.57	20.70	20.53	22.50
20	64QAM	50	0	19.67	19.74	19.61	21.50
20	64QAM	50	24	19.50	19.62	19.47	21.50
20	64QAM	50	50	19.54	19.61	19.54	21.50
20	64QAM	100	0	19.60	19.64	19.49	21.50
20	256QAM	1	0	17.31	17.42	17.24	19.50
20	256QAM	1	49	17.38	17.48	17.42	19.50
20	256QAM	1	99	17.37	17.46	17.29	19.50
20	256QAM	50	0	17.62	17.68	17.56	19.50
20	256QAM	50	24	17.47	17.60	17.50	19.50
20	256QAM	50	50	17.48	17.58	17.41	19.50
20	256QAM	100	0	17.53	17.61	17.56	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.70	22.61	22.66	24.50
15	QPSK	1	37	22.52	22.58	22.35	24.50
15	QPSK	1	74	22.54	22.59	22.48	24.50
15	QPSK	36	0	21.51	21.67	21.56	23.50
15	QPSK	36	20	21.33	21.50	21.42	23.50
15	QPSK	36	39	21.52	21.55	21.43	23.50
15	QPSK	75	0	21.46	21.66	21.61	23.50



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15	16QAM	1	0	21.38	21.60	21.47	23.50
15	16QAM	1	37	21.55	21.65	21.47	23.50
15	16QAM	1	74	21.63	21.66	21.52	23.50
15	16QAM	36	0	20.49	20.60	20.57	22.50
15	16QAM	36	20	20.35	20.57	20.52	22.50
15	16QAM	36	39	20.34	20.59	20.33	22.50
15	16QAM	75	0	20.48	20.49	20.41	22.50
15	64QAM	1	0	20.34	20.45	20.41	22.50
15	64QAM	1	37	20.58	20.55	20.52	22.50
15	64QAM	1	74	20.55	20.60	20.43	22.50
15	64QAM	36	0	19.63	19.72	19.47	21.50
15	64QAM	36	20	19.43	19.58	19.34	21.50
15	64QAM	36	39	19.52	19.50	19.47	21.50
15	64QAM	75	0	19.54	19.55	19.46	21.50
15	256QAM	1	0	17.26	17.40	17.17	19.50
15	256QAM	1	37	17.28	17.38	17.35	19.50
15	256QAM	1	74	17.27	17.34	17.16	19.50
15	256QAM	36	0	17.48	17.65	17.42	19.50
15	256QAM	36	20	17.38	17.46	17.42	19.50
15	256QAM	36	39	17.37	17.47	17.36	19.50
15	256QAM	75	0	17.39	17.51	17.43	19.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.59	22.72	22.65	24.50
10	QPSK	1	25	22.45	22.58	22.35	24.50
10	QPSK	1	49	22.46	22.54	22.55	24.50
10	QPSK	25	0	21.58	21.69	21.54	23.50
10	QPSK	25	12	21.39	21.51	21.39	23.50
10	QPSK	25	25	21.56	21.63	21.56	23.50
10	QPSK	50	0	21.53	21.73	21.60	23.50
10	16QAM	1	0	21.31	21.49	21.47	23.50
10	16QAM	1	25	21.56	21.67	21.54	23.50
10	16QAM	1	49	21.68	21.67	21.57	23.50
10	16QAM	25	0	20.49	20.63	20.65	22.50
10	16QAM	25	12	20.35	20.58	20.48	22.50
10	16QAM	25	25	20.30	20.59	20.32	22.50
10	16QAM	50	0	20.54	20.54	20.41	22.50
10	64QAM	1	0	20.34	20.37	20.40	22.50
10	64QAM	1	25	20.48	20.52	20.47	22.50
10	64QAM	1	49	20.44	20.65	20.49	22.50
10	64QAM	25	0	19.59	19.69	19.56	21.50
10	64QAM	25	12	19.41	19.58	19.33	21.50
10	64QAM	25	25	19.50	19.46	19.41	21.50
10	64QAM	50	0	19.54	19.52	19.48	21.50
10	256QAM	1	0	17.26	17.35	17.15	19.50
10	256QAM	1	25	17.34	17.45	17.37	19.50
10	256QAM	1	49	17.34	17.43	17.26	19.50
10	256QAM	25	0	17.54	17.63	17.44	19.50
10	256QAM	25	12	17.44	17.49	17.45	19.50
10	256QAM	25	25	17.33	17.49	17.40	19.50
10	256QAM	50	0	17.45	17.59	17.50	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.66	22.66	22.63	24.50
5	QPSK	1	12	22.46	22.52	22.39	24.50
5	QPSK	1	24	22.54	22.57	22.46	24.50
5	QPSK	12	0	21.61	21.61	21.53	23.50
5	QPSK	12	7	21.45	21.48	21.39	23.50
5	QPSK	12	13	21.48	21.56	21.55	23.50
5	QPSK	25	0	21.44	21.73	21.54	23.50
5	16QAM	1	0	21.33	21.54	21.47	23.50
5	16QAM	1	12	21.49	21.61	21.60	23.50
5	16QAM	1	24	21.58	21.69	21.49	23.50
5	16QAM	12	0	20.56	20.71	20.60	22.50
5	16QAM	12	7	20.42	20.52	20.50	22.50
5	16QAM	12	13	20.32	20.49	20.42	22.50
5	16QAM	25	0	20.53	20.51	20.49	22.50
5	64QAM	1	0	20.36	20.39	20.39	22.50
5	64QAM	1	12	20.51	20.52	20.45	22.50
5	64QAM	1	24	20.55	20.64	20.42	22.50
5	64QAM	12	0	19.53	19.65	19.56	21.50
5	64QAM	12	7	19.41	19.49	19.33	21.50
5	64QAM	12	13	19.51	19.51	19.46	21.50
5	64QAM	25	0	19.51	19.58	19.48	21.50
5	256QAM	1	0	17.23	17.27	17.13	19.50
5	256QAM	1	12	17.24	17.43	17.31	19.50
5	256QAM	1	24	17.35	17.38	17.16	19.50
5	256QAM	12	0	17.49	17.55	17.42	19.50



5	256QAM	12	7	17.37	17.58	17.47	19.50
5	256QAM	12	13	17.37	17.52	17.36	19.50
5	256QAM	25	0	17.43	17.49	17.45	19.50
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.61	22.74	22.61	24.50
3	QPSK	1	8	22.53	22.50	22.29	24.50
3	QPSK	1	14	22.57	22.53	22.57	24.50
3	QPSK	8	0	21.57	21.62	21.46	23.50
3	QPSK	8	4	21.35	21.59	21.36	23.50
3	QPSK	8	7	21.44	21.49	21.46	23.50
3	QPSK	15	0	21.52	21.63	21.55	23.50
3	16QAM	1	0	21.45	21.58	21.40	23.50
3	16QAM	1	8	21.53	21.53	21.58	23.50
3	16QAM	1	14	21.58	21.70	21.46	23.50
3	16QAM	8	0	20.55	20.72	20.59	22.50
3	16QAM	8	4	20.40	20.53	20.51	22.50
3	16QAM	8	7	20.31	20.59	20.42	22.50
3	16QAM	15	0	20.57	20.59	20.41	22.50
3	64QAM	1	0	20.40	20.36	20.33	22.50
3	64QAM	1	8	20.52	20.59	20.50	22.50
3	64QAM	1	14	20.47	20.56	20.49	22.50
3	64QAM	8	0	19.58	19.66	19.53	21.50
3	64QAM	8	4	19.40	19.57	19.33	21.50
3	64QAM	8	7	19.39	19.54	19.46	21.50
3	64QAM	15	0	19.50	19.53	19.41	21.50
3	256QAM	1	0	17.24	17.27	17.16	19.50
3	256QAM	1	8	17.26	17.39	17.36	19.50
3	256QAM	1	14	17.25	17.44	17.28	19.50
3	256QAM	8	0	17.48	17.57	17.48	19.50
3	256QAM	8	4	17.33	17.45	17.37	19.50
3	256QAM	8	7	17.46	17.52	17.29	19.50
3	256QAM	15	0	17.44	17.48	17.50	19.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.65	22.67	22.62	24.50
1.4	QPSK	1	3	22.44	22.48	22.40	24.50
1.4	QPSK	1	5	22.54	22.56	22.57	24.50
1.4	QPSK	3	0	22.63	22.60	22.56	24.50
1.4	QPSK	3	1	22.44	22.57	22.42	24.50
1.4	QPSK	3	3	22.54	22.58	22.52	24.50
1.4	QPSK	6	0	21.43	21.67	21.58	23.50
1.4	16QAM	1	0	21.36	21.50	21.40	23.50
1.4	16QAM	1	3	21.55	21.62	21.60	23.50
1.4	16QAM	1	5	21.58	21.62	21.47	23.50
1.4	16QAM	3	0	21.51	21.63	21.58	23.50
1.4	16QAM	3	1	21.39	21.53	21.42	23.50
1.4	16QAM	3	3	21.38	21.60	21.35	23.50
1.4	16QAM	6	0	20.56	20.54	20.50	22.50
1.4	64QAM	1	0	20.38	20.35	20.36	22.50
1.4	64QAM	1	3	20.55	20.53	20.40	22.50
1.4	64QAM	1	5	20.52	20.56	20.42	22.50
1.4	64QAM	3	0	20.54	20.61	20.56	22.50
1.4	64QAM	3	1	20.39	20.55	20.43	22.50
1.4	64QAM	3	3	20.41	20.48	20.49	22.50
1.4	64QAM	6	0	19.58	19.53	19.46	21.50
1.4	256QAM	1	0	17.21	17.35	17.17	19.50
1.4	256QAM	1	3	17.35	17.33	17.36	19.50
1.4	256QAM	1	5	17.26	17.38	17.26	19.50
1.4	256QAM	3	0	17.50	17.54	17.46	19.50
1.4	256QAM	3	1	17.37	17.51	17.35	19.50
1.4	256QAM	3	3	17.40	17.55	17.27	19.50
1.4	256QAM	6	0	17.44	17.48	17.52	19.50

【LTE Band 66_Ant 3_ECI5】

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	16.21	16.25	16.23	17.20
20	QPSK	1	49	16.03	16.18	16.12	17.20
20	QPSK	1	99	16.09	16.15	16.03	17.20
20	QPSK	50	0	16.19	16.23	16.14	17.20
20	QPSK	50	24	16.09	16.19	16.08	17.20
20	QPSK	50	50	16.03	16.21	16.08	17.20
20	QPSK	100	0	15.99	16.17	16.08	17.20
20	16QAM	1	0	16.05	16.13	15.99	17.20
20	16QAM	1	49	16.03	16.15	16.09	17.20
20	16QAM	1	99	16.00	16.11	16.01	17.20
20	16QAM	50	0	16.00	16.12	16.02	17.20
20	16QAM	50	24	16.01	16.16	16.09	17.20
20	16QAM	50	50	15.91	16.04	15.96	17.20
20	16QAM	100	0	15.93	16.10	15.96	17.20
20	64QAM	1	0	15.95	16.10	16.03	17.20
20	64QAM	1	49	16.01	16.17	16.12	17.20
20	64QAM	1	99	15.92	16.06	15.96	17.20
20	64QAM	50	0	15.94	16.12	16.09	17.20
20	64QAM	50	24	15.94	16.02	15.88	17.20
20	64QAM	50	50	15.96	16.11	16.06	17.20
20	64QAM	100	0	16.01	16.12	16.07	17.20
20	256QAM	1	0	15.99	16.16	16.08	17.20
20	256QAM	1	49	15.99	16.08	15.95	17.20
20	256QAM	1	99	16.00	16.08	15.97	17.20
20	256QAM	50	0	15.95	16.13	16.08	17.20
20	256QAM	50	24	16.15	16.20	16.12	17.20
20	256QAM	50	50	16.00	16.11	16.00	17.20
20	256QAM	100	0	15.82	15.98	15.82	17.20
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.13	16.18	16.11	17.20
15	QPSK	1	37	15.91	16.09	15.99	17.20
15	QPSK	1	74	15.96	16.11	16.01	17.20
15	QPSK	36	0	15.95	16.14	16.09	17.20
15	QPSK	36	20	15.98	16.09	16.05	17.20
15	QPSK	36	39	16.02	16.19	15.95	17.20
15	QPSK	75	0	15.92	16.04	15.93	17.20
15	16QAM	1	0	15.94	16.10	15.91	17.20
15	16QAM	1	37	15.98	16.06	16.02	17.20
15	16QAM	1	74	15.92	16.04	15.91	17.20
15	16QAM	36	0	15.92	15.99	15.94	17.20
15	16QAM	36	20	15.96	16.14	16.03	17.20
15	16QAM	36	39	15.80	15.97	15.86	17.20
15	16QAM	75	0	15.87	15.99	15.94	17.20
15	64QAM	1	0	15.86	16.06	15.92	17.20
15	64QAM	1	37	15.98	16.12	16.09	17.20
15	64QAM	1	74	15.80	16.01	15.90	17.20
15	64QAM	36	0	15.85	16.06	16.02	17.20
15	64QAM	36	20	15.80	15.92	15.82	17.20
15	64QAM	36	39	15.95	16.06	15.93	17.20
15	64QAM	75	0	15.87	16.09	16.02	17.20
15	256QAM	1	0	15.96	16.02	15.97	17.20
15	256QAM	1	37	15.89	15.96	15.91	17.20
15	256QAM	1	74	15.86	16.02	15.92	17.20
15	256QAM	36	0	15.86	16.01	15.99	17.20
15	256QAM	36	20	16.09	16.16	16.01	17.20
15	256QAM	36	39	15.91	16.05	15.85	17.20
15	256QAM	75	0	15.80	15.86	15.81	17.20
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.14	16.16	16.11	17.20
10	QPSK	1	25	15.91	16.06	16.07	17.20
10	QPSK	1	49	16.04	16.11	15.97	17.20
10	QPSK	25	0	16.07	16.16	16.07	17.20
10	QPSK	25	12	16.01	16.15	15.94	17.20
10	QPSK	25	25	15.91	16.14	16.05	17.20
10	QPSK	50	0	15.93	16.07	15.95	17.20
10	16QAM	1	0	16.02	16.09	15.87	17.20
10	16QAM	1	25	15.96	16.08	16.07	17.20
10	16QAM	1	49	15.87	15.98	16.00	17.20
10	16QAM	25	0	15.90	16.00	16.01	17.20



10	16QAM	25	12	15.95	16.13	15.99	17.20
10	16QAM	25	25	15.88	16.02	15.88	17.20
10	16QAM	50	0	15.91	16.00	15.82	17.20
10	64QAM	1	0	15.85	16.01	16.01	17.20
10	64QAM	1	25	15.93	16.14	16.08	17.20
10	64QAM	1	49	15.81	16.05	15.94	17.20
10	64QAM	25	0	15.88	16.09	15.96	17.20
10	64QAM	25	12	15.88	15.97	15.85	17.20
10	64QAM	25	25	15.82	15.99	15.99	17.20
10	64QAM	50	0	15.94	16.05	16.01	17.20
10	256QAM	1	0	15.86	16.05	15.97	17.20
10	256QAM	1	25	15.93	15.97	15.85	17.20
10	256QAM	1	49	15.89	16.05	15.82	17.20
10	256QAM	25	0	15.85	16.05	16.03	17.20
10	256QAM	25	12	16.04	16.15	16.05	17.20
10	256QAM	25	25	15.98	15.96	15.97	17.20
10	256QAM	50	0	15.80	15.84	15.82	17.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.13	16.10	16.11	17.20
5	QPSK	1	12	16.01	16.10	15.99	17.20
5	QPSK	1	24	15.98	16.00	16.01	17.20
5	QPSK	12	0	16.03	16.21	16.05	17.20
5	QPSK	12	7	16.08	16.07	15.95	17.20
5	QPSK	12	13	15.98	16.06	15.94	17.20
5	QPSK	25	0	15.86	16.07	16.04	17.20
5	16QAM	1	0	15.99	16.11	15.96	17.20
5	16QAM	1	12	15.90	16.06	16.01	17.20
5	16QAM	1	24	15.95	16.05	15.89	17.20
5	16QAM	12	0	15.95	16.09	15.96	17.20
5	16QAM	12	7	15.98	16.14	15.95	17.20
5	16QAM	12	13	15.81	15.92	15.84	17.20
5	16QAM	25	0	15.89	16.05	15.90	17.20
5	64QAM	1	0	15.88	15.99	16.01	17.20
5	64QAM	1	12	15.90	16.12	16.00	17.20
5	64QAM	1	24	15.81	15.94	15.88	17.20
5	64QAM	12	0	15.87	16.04	16.03	17.20
5	64QAM	12	7	15.85	15.89	15.80	17.20
5	64QAM	12	13	15.86	16.03	15.96	17.20
5	64QAM	25	0	15.93	16.00	16.04	17.20
5	256QAM	1	0	15.87	16.03	16.01	17.20
5	256QAM	1	12	15.92	16.00	15.89	17.20
5	256QAM	1	24	15.89	16.04	15.84	17.20
5	256QAM	12	0	15.89	16.05	16.05	17.20
5	256QAM	12	7	16.13	16.17	16.06	17.20
5	256QAM	12	13	15.94	15.98	15.91	17.20
5	256QAM	25	0	15.81	15.95	15.82	17.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.14	16.12	16.21	17.20
3	QPSK	1	8	15.97	16.13	16.11	17.20
3	QPSK	1	14	16.00	16.11	15.99	17.20
3	QPSK	8	0	15.96	16.09	16.00	17.20
3	QPSK	8	4	16.02	16.17	15.98	17.20
3	QPSK	8	7	16.00	16.06	16.01	17.20
3	QPSK	15	0	15.92	16.16	16.03	17.20
3	16QAM	1	0	15.91	16.07	15.95	17.20
3	16QAM	1	8	15.89	16.08	15.97	17.20
3	16QAM	1	14	15.91	16.06	15.93	17.20
3	16QAM	8	0	15.90	16.11	15.92	17.20
3	16QAM	8	4	15.92	16.07	16.03	17.20
3	16QAM	8	7	15.80	15.95	15.85	17.20
3	16QAM	15	0	15.85	16.02	15.88	17.20
3	64QAM	1	0	15.86	15.97	15.97	17.20
3	64QAM	1	8	15.92	16.04	16.03	17.20
3	64QAM	1	14	15.81	16.04	15.82	17.20
3	64QAM	8	0	15.83	15.99	16.00	17.20
3	64QAM	8	4	15.88	15.87	15.85	17.20
3	64QAM	8	7	15.95	16.10	16.02	17.20
3	64QAM	15	0	15.95	15.99	15.99	17.20
3	256QAM	1	0	15.95	16.14	15.96	17.20
3	256QAM	1	8	15.95	16.03	15.84	17.20
3	256QAM	1	14	15.96	15.95	15.87	17.20
3	256QAM	8	0	15.90	16.11	16.04	17.20
3	256QAM	8	4	16.13	16.13	16.08	17.20
3	256QAM	8	7	15.91	16.00	15.97	17.20
3	256QAM	15	0	15.80	15.86	15.80	17.20
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.12	16.23	16.21	17.20
1.4	QPSK	1	3	15.90	16.14	16.09	17.20
1.4	QPSK	1	5	16.02	16.10	15.94	17.20
1.4	QPSK	3	0	15.95	16.11	16.09	17.20
1.4	QPSK	3	1	16.03	16.14	16.05	17.20
1.4	QPSK	3	3	16.01	16.13	16.03	17.20
1.4	QPSK	6	0	15.87	16.05	16.01	17.20
1.4	16QAM	1	0	16.03	16.02	15.94	17.20
1.4	16QAM	1	3	15.89	16.05	16.02	17.20
1.4	16QAM	1	5	15.97	16.07	15.98	17.20
1.4	16QAM	3	0	15.90	16.10	16.00	17.20
1.4	16QAM	3	1	15.94	16.03	16.00	17.20
1.4	16QAM	3	3	15.85	15.93	15.90	17.20
1.4	16QAM	6	0	15.90	16.08	15.84	17.20
1.4	64QAM	1	0	15.87	15.97	15.93	17.20
1.4	64QAM	1	3	15.99	16.07	16.05	17.20
1.4	64QAM	1	5	15.90	15.93	15.91	17.20
1.4	64QAM	3	0	15.90	16.06	15.99	17.20
1.4	64QAM	3	1	15.84	15.99	15.81	17.20
1.4	64QAM	3	3	15.84	15.98	15.97	17.20
1.4	64QAM	6	0	15.96	16.09	16.01	17.20
1.4	256QAM	1	0	15.88	16.14	15.95	17.20
1.4	256QAM	1	3	15.93	16.00	15.84	17.20
1.4	256QAM	1	5	15.92	15.96	15.84	17.20
1.4	256QAM	3	0	15.87	16.12	16.03	17.20
1.4	256QAM	3	1	16.07	16.18	16.06	17.20
1.4	256QAM	3	3	15.92	15.97	15.94	17.20
1.4	256QAM	6	0	15.80	15.91	15.80	17.20

【LTE Band 66_Ant 3_ECI5-1】

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	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.56	16.59	16.55	17.20
20	QPSK	1	49	16.27	16.43	16.30	17.20
20	QPSK	1	99	16.16	16.32	16.18	17.20
20	QPSK	50	0	16.53	16.55	16.49	17.20
20	QPSK	50	24	16.28	16.44	16.35	17.20
20	QPSK	50	50	16.27	16.35	16.29	17.20
20	QPSK	100	0	16.36	16.45	16.39	17.20
20	16QAM	1	0	16.40	16.46	16.27	17.20
20	16QAM	1	49	16.37	16.41	16.26	17.20
20	16QAM	1	99	16.37	16.42	16.25	17.20
20	16QAM	50	0	16.25	16.38	16.26	17.20
20	16QAM	50	24	16.34	16.44	16.27	17.20
20	16QAM	50	50	16.31	16.47	16.42	17.20
20	16QAM	100	0	16.26	16.42	16.35	17.20
20	64QAM	1	0	16.37	16.47	16.41	17.20
20	64QAM	1	49	16.35	16.41	16.35	17.20
20	64QAM	1	99	16.35	16.40	16.25	17.20
20	64QAM	50	0	16.31	16.36	16.26	17.20
20	64QAM	50	24	16.18	16.32	16.22	17.20
20	64QAM	50	50	16.39	16.46	16.29	17.20
20	64QAM	100	0	16.35	16.46	16.31	17.20
20	256QAM	1	0	16.40	16.46	16.39	17.20
20	256QAM	1	49	16.36	16.46	16.27	17.20
20	256QAM	1	99	16.36	16.44	16.31	17.20
20	256QAM	50	0	16.47	16.59	16.44	17.20
20	256QAM	50	24	16.37	16.43	16.33	17.20
20	256QAM	50	50	16.17	16.32	16.23	17.20
20	256QAM	100	0	16.34	16.47	16.35	17.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.54	16.53	16.44	17.20
15	QPSK	1	37	16.21	16.33	16.23	17.20
15	QPSK	1	74	16.14	16.24	16.12	17.20
15	QPSK	36	0	16.28	16.42	16.36	17.20
15	QPSK	36	20	16.17	16.34	16.33	17.20
15	QPSK	36	39	16.25	16.22	16.24	17.20
15	QPSK	75	0	16.22	16.41	16.26	17.20



15	16QAM	1	0	16.29	16.33	16.25	17.20
15	16QAM	1	37	16.28	16.34	16.24	17.20
15	16QAM	1	74	16.30	16.40	16.23	17.20
15	16QAM	36	0	16.20	16.30	16.12	17.20
15	16QAM	36	20	16.31	16.41	16.21	17.20
15	16QAM	36	39	16.17	16.43	16.27	17.20
15	16QAM	75	0	16.12	16.33	16.29	17.20
15	64QAM	1	0	16.22	16.36	16.34	17.20
15	64QAM	1	37	16.21	16.40	16.33	17.20
15	64QAM	1	74	16.27	16.27	16.16	17.20
15	64QAM	36	0	16.22	16.34	16.12	17.20
15	64QAM	36	20	16.07	16.30	16.10	17.20
15	64QAM	36	39	16.27	16.37	16.24	17.20
15	64QAM	75	0	16.21	16.40	16.22	17.20
15	256QAM	1	0	16.32	16.39	16.35	17.20
15	256QAM	1	37	16.35	16.33	16.17	17.20
15	256QAM	1	74	16.35	16.32	16.22	17.20
15	256QAM	36	0	16.39	16.53	16.36	17.20
15	256QAM	36	20	16.23	16.30	16.22	17.20
15	256QAM	36	39	16.09	16.30	16.16	17.20
15	256QAM	75	0	16.24	16.45	16.34	17.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.48	16.58	16.52	17.20
10	QPSK	1	25	16.15	16.33	16.25	17.20
10	QPSK	1	49	16.05	16.23	16.15	17.20
10	QPSK	25	0	16.33	16.34	16.43	17.20
10	QPSK	25	12	16.26	16.31	16.22	17.20
10	QPSK	25	25	16.24	16.29	16.25	17.20
10	QPSK	50	0	16.34	16.38	16.26	17.20
10	16QAM	1	0	16.26	16.32	16.16	17.20
10	16QAM	1	25	16.26	16.26	16.12	17.20
10	16QAM	1	49	16.26	16.40	16.21	17.20
10	16QAM	25	0	16.15	16.34	16.20	17.20
10	16QAM	25	12	16.32	16.42	16.26	17.20
10	16QAM	25	25	16.24	16.33	16.39	17.20
10	16QAM	50	0	16.23	16.30	16.28	17.20
10	64QAM	1	0	16.23	16.45	16.34	17.20
10	64QAM	1	25	16.33	16.30	16.22	17.20
10	64QAM	1	49	16.23	16.35	16.19	17.20
10	64QAM	25	0	16.24	16.33	16.15	17.20
10	64QAM	25	12	16.06	16.29	16.10	17.20
10	64QAM	25	25	16.34	16.42	16.24	17.20
10	64QAM	50	0	16.31	16.42	16.21	17.20
10	256QAM	1	0	16.33	16.42	16.37	17.20
10	256QAM	1	25	16.26	16.38	16.18	17.20
10	256QAM	1	49	16.30	16.34	16.18	17.20
10	256QAM	25	0	16.37	16.48	16.29	17.20
10	256QAM	25	12	16.27	16.30	16.22	17.20
10	256QAM	25	25	16.08	16.22	16.09	17.20
10	256QAM	50	0	16.25	16.35	16.32	17.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.54	16.53	16.53	17.20
5	QPSK	1	12	16.14	16.35	16.22	17.20
5	QPSK	1	24	16.04	16.29	16.05	17.20
5	QPSK	12	0	16.41	16.44	16.30	17.20
5	QPSK	12	7	16.16	16.35	16.22	17.20
5	QPSK	12	13	16.23	16.31	16.28	17.20
5	QPSK	25	0	16.28	16.35	16.26	17.20
5	16QAM	1	0	16.30	16.40	16.12	17.20
5	16QAM	1	12	16.30	16.38	16.14	17.20
5	16QAM	1	24	16.36	16.32	16.21	17.20
5	16QAM	12	0	16.16	16.37	16.22	17.20
5	16QAM	12	7	16.23	16.33	16.21	17.20
5	16QAM	12	13	16.23	16.44	16.31	17.20
5	16QAM	25	0	16.25	16.28	16.24	17.20
5	64QAM	1	0	16.25	16.33	16.31	17.20
5	64QAM	1	12	16.32	16.28	16.30	17.20
5	64QAM	1	24	16.32	16.31	16.18	17.20
5	64QAM	12	0	16.22	16.25	16.14	17.20
5	64QAM	12	7	16.11	16.26	16.09	17.20
5	64QAM	12	13	16.32	16.40	16.15	17.20
5	64QAM	25	0	16.21	16.32	16.27	17.20
5	256QAM	1	0	16.28	16.31	16.25	17.20
5	256QAM	1	12	16.32	16.42	16.25	17.20
5	256QAM	1	24	16.24	16.30	16.20	17.20
5	256QAM	12	0	16.43	16.56	16.39	17.20



5	256QAM	12	7	16.31	16.39	16.24	17.20
5	256QAM	12	13	16.09	16.22	16.16	17.20
5	256QAM	25	0	16.32	16.44	16.21	17.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.54	16.46	16.46	17.20
3	QPSK	1	8	16.14	16.32	16.19	17.20
3	QPSK	1	14	16.03	16.24	16.13	17.20
3	QPSK	8	0	16.41	16.38	16.36	17.20
3	QPSK	8	4	16.24	16.33	16.26	17.20
3	QPSK	8	7	16.24	16.23	16.26	17.20
3	QPSK	15	0	16.23	16.42	16.32	17.20
3	16QAM	1	0	16.35	16.33	16.22	17.20
3	16QAM	1	8	16.23	16.35	16.23	17.20
3	16QAM	1	14	16.32	16.38	16.14	17.20
3	16QAM	8	0	16.19	16.31	16.15	17.20
3	16QAM	8	4	16.20	16.42	16.13	17.20
3	16QAM	8	7	16.25	16.44	16.40	17.20
3	16QAM	15	0	16.13	16.34	16.32	17.20
3	64QAM	1	0	16.32	16.40	16.33	17.20
3	64QAM	1	8	16.23	16.27	16.34	17.20
3	64QAM	1	14	16.28	16.31	16.10	17.20
3	64QAM	8	0	16.26	16.23	16.15	17.20
3	64QAM	8	4	16.15	16.24	16.19	17.20
3	64QAM	8	7	16.35	16.32	16.21	17.20
3	64QAM	15	0	16.25	16.44	16.29	17.20
3	256QAM	1	0	16.32	16.36	16.37	17.20
3	256QAM	1	8	16.25	16.38	16.15	17.20
3	256QAM	1	14	16.32	16.43	16.27	17.20
3	256QAM	8	0	16.38	16.51	16.29	17.20
3	256QAM	8	4	16.30	16.36	16.20	17.20
3	256QAM	8	7	16.02	16.27	16.11	17.20
3	256QAM	15	0	16.29	16.36	16.21	17.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.48	16.53	16.41	17.20
1.4	QPSK	1	3	16.18	16.36	16.19	17.20
1.4	QPSK	1	5	16.04	16.24	16.08	17.20
1.4	QPSK	3	0	16.33	16.43	16.38	17.20
1.4	QPSK	3	1	16.15	16.30	16.25	17.20
1.4	QPSK	3	3	16.21	16.26	16.15	17.20
1.4	QPSK	6	0	16.25	16.45	16.26	17.20
1.4	16QAM	1	0	16.35	16.42	16.19	17.20
1.4	16QAM	1	3	16.24	16.30	16.16	17.20
1.4	16QAM	1	5	16.24	16.30	16.23	17.20
1.4	16QAM	3	0	16.11	16.23	16.21	17.20
1.4	16QAM	3	1	16.32	16.41	16.23	17.20
1.4	16QAM	3	3	16.20	16.44	16.29	17.20
1.4	16QAM	6	0	16.16	16.36	16.28	17.20
1.4	64QAM	1	0	16.30	16.42	16.30	17.20
1.4	64QAM	1	3	16.21	16.35	16.25	17.20
1.4	64QAM	1	5	16.33	16.26	16.18	17.20
1.4	64QAM	3	0	16.17	16.29	16.20	17.20
1.4	64QAM	3	1	16.04	16.24	16.11	17.20
1.4	64QAM	3	3	16.28	16.39	16.27	17.20
1.4	64QAM	6	0	16.24	16.44	16.17	17.20
1.4	256QAM	1	0	16.29	16.33	16.32	17.20
1.4	256QAM	1	3	16.21	16.36	16.20	17.20
1.4	256QAM	1	5	16.23	16.41	16.27	17.20
1.4	256QAM	3	0	16.38	16.54	16.41	17.20
1.4	256QAM	3	1	16.36	16.33	16.30	17.20
1.4	256QAM	3	3	16.14	16.23	16.13	17.20
1.4	256QAM	6	0	16.33	16.46	16.32	17.20



【LTE Band 66_Ant 3_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.32	16.35	16.31	18.00
20	QPSK	1	49	16.03	16.18	16.05	18.00
20	QPSK	1	99	16.09	16.14	15.97	18.00
20	QPSK	50	0	16.21	16.23	16.20	18.00
20	QPSK	50	24	15.97	16.13	16.03	18.00
20	QPSK	50	50	15.95	16.11	16.00	18.00
20	QPSK	100	0	16.07	16.12	16.00	18.00
20	16QAM	1	0	15.89	16.06	15.94	18.00
20	16QAM	1	49	15.95	16.06	15.96	18.00
20	16QAM	1	99	15.91	16.09	16.04	18.00
20	16QAM	50	0	16.10	16.14	16.04	18.00
20	16QAM	50	24	16.10	16.15	16.03	18.00
20	16QAM	50	50	16.03	16.14	16.00	18.00
20	16QAM	100	0	16.00	16.04	15.93	18.00
20	64QAM	1	0	15.97	16.06	15.92	18.00
20	64QAM	1	49	15.97	16.10	15.91	18.00
20	64QAM	1	99	15.96	16.07	15.94	18.00
20	64QAM	50	0	16.01	16.17	16.04	18.00
20	64QAM	50	24	16.07	16.14	16.00	18.00
20	64QAM	50	50	16.07	16.17	16.10	18.00
20	64QAM	100	0	16.10	16.14	16.02	18.00
20	256QAM	1	0	15.93	16.06	15.91	18.00
20	256QAM	1	49	16.04	16.18	16.07	18.00
20	256QAM	1	99	15.97	16.07	15.94	18.00
20	256QAM	50	0	16.18	16.32	16.23	18.00
20	256QAM	50	24	16.12	16.18	16.09	18.00
20	256QAM	50	50	15.97	16.14	16.04	18.00
20	256QAM	100	0	16.12	16.23	16.08	18.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.23	16.26	16.25	18.00
15	QPSK	1	37	15.90	16.13	16.00	18.00
15	QPSK	1	74	15.97	16.04	15.83	18.00
15	QPSK	36	0	16.13	16.14	16.05	18.00
15	QPSK	36	20	15.91	16.02	15.96	18.00
15	QPSK	36	39	15.91	16.07	15.94	18.00
15	QPSK	75	0	16.06	16.11	15.89	18.00
15	16QAM	1	0	15.75	15.91	15.92	18.00
15	16QAM	1	37	15.81	15.91	15.83	18.00
15	16QAM	1	74	15.87	16.06	15.94	18.00
15	16QAM	36	0	16.01	16.01	15.92	18.00
15	16QAM	36	20	16.06	16.04	15.94	18.00
15	16QAM	36	39	15.90	16.02	15.86	18.00
15	16QAM	75	0	15.94	15.92	15.78	18.00
15	64QAM	1	0	15.86	15.93	15.79	18.00
15	64QAM	1	37	15.89	16.08	15.77	18.00
15	64QAM	1	74	15.92	15.95	15.80	18.00
15	64QAM	36	0	15.96	16.03	16.00	18.00
15	64QAM	36	20	15.97	15.99	15.89	18.00
15	64QAM	36	39	15.95	16.11	15.99	18.00
15	64QAM	75	0	16.04	16.00	15.92	18.00
15	256QAM	1	0	15.87	15.97	15.78	18.00
15	256QAM	1	37	15.94	16.11	15.97	18.00
15	256QAM	1	74	15.93	16.06	15.90	18.00
15	256QAM	36	0	16.03	16.21	16.11	18.00
15	256QAM	36	20	15.97	16.15	15.98	18.00
15	256QAM	36	39	15.95	16.10	15.96	18.00
15	256QAM	75	0	16.05	16.18	15.98	18.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.18	16.29	16.24	18.00
10	QPSK	1	25	15.89	16.15	15.95	18.00
10	QPSK	1	49	16.03	16.04	15.95	18.00
10	QPSK	25	0	16.07	16.13	16.11	18.00
10	QPSK	25	12	15.93	16.11	15.94	18.00
10	QPSK	25	25	15.85	16.08	15.92	18.00
10	QPSK	50	0	15.97	15.99	15.97	18.00
10	16QAM	1	0	15.86	16.00	15.81	18.00
10	16QAM	1	25	15.83	16.04	15.82	18.00
10	16QAM	1	49	15.78	16.02	15.89	18.00
10	16QAM	25	0	16.00	16.09	15.97	18.00



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10	16QAM	25	12	16.03	16.04	15.94	18.00
10	16QAM	25	25	15.91	16.01	15.90	18.00
10	16QAM	50	0	15.91	15.93	15.78	18.00
10	64QAM	1	0	15.96	15.96	15.86	18.00
10	64QAM	1	25	15.84	16.03	15.76	18.00
10	64QAM	1	49	15.82	15.97	15.86	18.00
10	64QAM	25	0	15.91	16.05	15.97	18.00
10	64QAM	25	12	16.06	16.06	15.85	18.00
10	64QAM	25	25	15.92	16.04	16.02	18.00
10	64QAM	50	0	16.02	16.01	15.96	18.00
10	256QAM	1	0	15.86	16.01	15.88	18.00
10	256QAM	1	25	15.91	16.08	16.00	18.00
10	256QAM	1	49	15.90	16.00	15.88	18.00
10	256QAM	25	0	16.11	16.26	16.19	18.00
10	256QAM	25	12	15.98	16.12	16.03	18.00
10	256QAM	25	25	15.83	16.08	15.90	18.00
10	256QAM	50	0	16.10	16.12	16.01	18.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.30	16.27	16.29	18.00
5	QPSK	1	12	15.98	16.13	15.94	18.00
5	QPSK	1	24	15.98	16.02	15.89	18.00
5	QPSK	12	0	16.18	16.21	16.08	18.00
5	QPSK	12	7	15.90	16.02	15.97	18.00
5	QPSK	12	13	15.90	16.05	15.94	18.00
5	QPSK	25	0	16.05	16.03	15.95	18.00
5	16QAM	1	0	15.80	16.05	15.81	18.00
5	16QAM	1	12	15.88	15.97	15.85	18.00
5	16QAM	1	24	15.79	15.96	15.90	18.00
5	16QAM	12	0	15.99	16.01	15.96	18.00
5	16QAM	12	7	15.96	16.04	16.00	18.00
5	16QAM	12	13	15.92	16.02	15.91	18.00
5	16QAM	25	0	15.88	15.95	15.83	18.00
5	64QAM	1	0	15.87	16.00	15.79	18.00
5	64QAM	1	12	15.84	16.07	15.83	18.00
5	64QAM	1	24	15.91	15.96	15.82	18.00
5	64QAM	12	0	15.95	16.14	15.97	18.00
5	64QAM	12	7	16.05	16.05	15.92	18.00
5	64QAM	12	13	15.93	16.03	16.00	18.00
5	64QAM	25	0	15.96	16.05	15.97	18.00
5	256QAM	1	0	15.90	16.02	15.77	18.00
5	256QAM	1	12	15.91	16.11	15.93	18.00
5	256QAM	1	24	15.93	16.03	15.91	18.00
5	256QAM	12	0	16.06	16.19	16.14	18.00
5	256QAM	12	7	16.03	16.12	16.04	18.00
5	256QAM	12	13	15.83	16.00	15.93	18.00
5	256QAM	25	0	16.02	16.10	16.01	18.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.26	16.20	16.16	18.00
3	QPSK	1	8	15.97	16.16	16.01	18.00
3	QPSK	1	14	16.07	16.08	15.87	18.00
3	QPSK	8	0	16.16	16.16	16.15	18.00
3	QPSK	8	4	15.83	16.07	15.99	18.00
3	QPSK	8	7	15.81	15.96	15.90	18.00
3	QPSK	15	0	16.00	15.97	15.92	18.00
3	16QAM	1	0	15.86	15.95	15.81	18.00
3	16QAM	1	8	15.87	15.98	15.87	18.00
3	16QAM	1	14	15.79	15.98	15.99	18.00
3	16QAM	8	0	15.97	16.05	15.92	18.00
3	16QAM	8	4	16.06	16.02	15.91	18.00
3	16QAM	8	7	16.02	16.05	15.89	18.00
3	16QAM	15	0	15.92	15.89	15.79	18.00
3	64QAM	1	0	15.92	16.03	15.82	18.00
3	64QAM	1	8	15.86	16.01	15.83	18.00
3	64QAM	1	14	15.95	16.01	15.82	18.00
3	64QAM	8	0	15.87	16.12	16.03	18.00
3	64QAM	8	4	15.93	16.00	15.88	18.00
3	64QAM	8	7	16.05	16.03	16.09	18.00
3	64QAM	15	0	16.00	16.09	15.93	18.00
3	256QAM	1	0	15.81	16.00	15.79	18.00
3	256QAM	1	8	15.95	16.09	15.96	18.00
3	256QAM	1	14	15.93	15.96	15.86	18.00
3	256QAM	8	0	16.11	16.29	16.09	18.00
3	256QAM	8	4	16.04	16.06	15.96	18.00
3	256QAM	8	7	15.94	16.01	15.99	18.00
3	256QAM	15	0	16.00	16.19	16.06	18.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.30	16.32	16.20	18.00
1.4	QPSK	1	3	16.01	16.04	15.95	18.00
1.4	QPSK	1	5	15.99	16.09	15.86	18.00
1.4	QPSK	3	0	16.09	16.12	16.17	18.00
1.4	QPSK	3	1	15.86	16.00	16.00	18.00
1.4	QPSK	3	3	15.82	16.04	15.86	18.00
1.4	QPSK	6	0	15.98	16.00	15.86	18.00
1.4	16QAM	1	0	15.74	16.00	15.89	18.00
1.4	16QAM	1	3	15.82	15.92	15.82	18.00
1.4	16QAM	1	5	15.87	15.94	15.92	18.00
1.4	16QAM	3	0	16.00	16.01	16.02	18.00
1.4	16QAM	3	1	16.02	16.05	15.93	18.00
1.4	16QAM	3	3	15.94	16.02	15.87	18.00
1.4	16QAM	6	0	15.95	15.97	15.89	18.00
1.4	64QAM	1	0	15.94	15.94	15.89	18.00
1.4	64QAM	1	3	15.88	15.96	15.87	18.00
1.4	64QAM	1	5	15.89	16.02	15.82	18.00
1.4	64QAM	3	0	15.95	16.14	16.01	18.00
1.4	64QAM	3	1	16.04	16.01	15.97	18.00
1.4	64QAM	3	3	15.98	16.09	15.97	18.00
1.4	64QAM	6	0	16.02	16.01	15.89	18.00
1.4	256QAM	1	0	15.82	16.01	15.77	18.00
1.4	256QAM	1	3	15.99	16.10	16.05	18.00
1.4	256QAM	1	5	15.95	16.02	15.84	18.00
1.4	256QAM	3	0	16.15	16.30	16.09	18.00
1.4	256QAM	3	1	16.07	16.04	15.94	18.00
1.4	256QAM	3	3	15.92	16.10	15.95	18.00
1.4	256QAM	6	0	16.09	16.13	15.98	18.00

【LTE Band 66_Ant 4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.47	24.56	24.51	25.70
20	QPSK	1	49	24.33	24.49	24.38	25.70
20	QPSK	1	99	24.40	24.50	24.48	25.70
20	QPSK	50	0	23.37	23.59	23.47	24.70
20	QPSK	50	24	23.23	23.48	23.36	24.70
20	QPSK	50	50	23.33	23.58	23.40	24.70
20	QPSK	100	0	23.42	23.50	23.38	24.70
20	16QAM	1	0	23.59	23.72	23.64	24.70
20	16QAM	1	49	23.62	23.78	23.65	24.70
20	16QAM	1	99	23.72	23.78	23.69	24.70
20	16QAM	50	0	22.38	22.57	22.44	23.70
20	16QAM	50	24	22.36	22.54	22.32	23.70
20	16QAM	50	50	22.38	22.53	22.43	23.70
20	16QAM	100	0	22.31	22.59	22.46	23.70
20	64QAM	1	0	22.53	22.57	22.38	23.70
20	64QAM	1	49	22.41	22.62	22.53	23.70
20	64QAM	1	99	22.51	22.77	22.64	23.70
20	64QAM	50	0	21.36	21.48	21.43	22.70
20	64QAM	50	24	21.41	21.51	21.38	22.70
20	64QAM	50	50	21.47	21.56	21.36	22.70
20	64QAM	100	0	21.40	21.56	21.50	22.70
20	256QAM	1	0	19.38	19.61	19.50	20.70
20	256QAM	1	49	19.43	19.64	19.51	20.70
20	256QAM	1	99	19.42	19.60	19.43	20.70
20	256QAM	50	0	19.39	19.49	19.39	20.70
20	256QAM	50	24	19.34	19.52	19.30	20.70
20	256QAM	50	50	19.43	19.55	19.48	20.70
20	256QAM	100	0	19.38	19.48	19.38	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.38	24.49	24.47	25.70
15	QPSK	1	37	24.21	24.37	24.27	25.70
15	QPSK	1	74	24.36	24.47	24.41	25.70
15	QPSK	36	0	23.34	23.56	23.36	24.70
15	QPSK	36	20	23.18	23.39	23.21	24.70
15	QPSK	36	39	23.27	23.56	23.29	24.70
15	QPSK	75	0	23.39	23.45	23.35	24.70



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15	16QAM	1	0	23.44	23.62	23.59	24.70
15	16QAM	1	37	23.48	23.67	23.55	24.70
15	16QAM	1	74	23.68	23.68	23.55	24.70
15	16QAM	36	0	22.37	22.47	22.34	23.70
15	16QAM	36	20	22.27	22.48	22.22	23.70
15	16QAM	36	39	22.35	22.50	22.32	23.70
15	16QAM	75	0	22.20	22.58	22.38	23.70
15	64QAM	1	0	22.46	22.46	22.30	23.70
15	64QAM	1	37	22.38	22.49	22.40	23.70
15	64QAM	1	74	22.46	22.62	22.51	23.70
15	64QAM	36	0	21.31	21.41	21.32	22.70
15	64QAM	36	20	21.34	21.42	21.25	22.70
15	64QAM	36	39	21.34	21.46	21.21	22.70
15	64QAM	75	0	21.30	21.43	21.37	22.70
15	256QAM	1	0	19.36	19.54	19.40	20.70
15	256QAM	1	37	19.40	19.62	19.41	20.70
15	256QAM	1	74	19.41	19.55	19.30	20.70
15	256QAM	36	0	19.34	19.42	19.29	20.70
15	256QAM	36	20	19.28	19.45	19.19	20.70
15	256QAM	36	39	19.38	19.48	19.36	20.70
15	256QAM	75	0	19.31	19.33	19.31	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.41	24.43	24.42	25.70
10	QPSK	1	25	24.23	24.47	24.33	25.70
10	QPSK	1	49	24.28	24.48	24.41	25.70
10	QPSK	25	0	23.28	23.45	23.38	24.70
10	QPSK	25	12	23.15	23.42	23.34	24.70
10	QPSK	25	25	23.22	23.52	23.28	24.70
10	QPSK	50	0	23.28	23.45	23.24	24.70
10	16QAM	1	0	23.46	23.68	23.53	24.70
10	16QAM	1	25	23.49	23.65	23.50	24.70
10	16QAM	1	49	23.69	23.72	23.57	24.70
10	16QAM	25	0	22.25	22.52	22.35	23.70
10	16QAM	25	12	22.31	22.49	22.31	23.70
10	16QAM	25	25	22.32	22.45	22.41	23.70
10	16QAM	50	0	22.29	22.46	22.36	23.70
10	64QAM	1	0	22.43	22.54	22.37	23.70
10	64QAM	1	25	22.38	22.49	22.44	23.70
10	64QAM	1	49	22.37	22.72	22.61	23.70
10	64QAM	25	0	21.32	21.36	21.35	22.70
10	64QAM	25	12	21.28	21.46	21.27	22.70
10	64QAM	25	25	21.37	21.50	21.24	22.70
10	64QAM	50	0	21.27	21.43	21.44	22.70
10	256QAM	1	0	19.37	19.52	19.40	20.70
10	256QAM	1	25	19.28	19.52	19.43	20.70
10	256QAM	1	49	19.34	19.53	19.38	20.70
10	256QAM	25	0	19.31	19.35	19.28	20.70
10	256QAM	25	12	19.26	19.48	19.21	20.70
10	256QAM	25	25	19.33	19.53	19.33	20.70
10	256QAM	50	0	19.24	19.33	19.25	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.36	24.53	24.49	25.70
5	QPSK	1	12	24.19	24.44	24.32	25.70
5	QPSK	1	24	24.27	24.46	24.35	25.70
5	QPSK	12	0	23.34	23.52	23.43	24.70
5	QPSK	12	7	23.09	23.36	23.35	24.70
5	QPSK	12	13	23.22	23.44	23.35	24.70
5	QPSK	25	0	23.33	23.41	23.24	24.70
5	16QAM	1	0	23.55	23.65	23.52	24.70
5	16QAM	1	12	23.60	23.67	23.57	24.70
5	16QAM	1	24	23.59	23.68	23.55	24.70
5	16QAM	12	0	22.36	22.46	22.36	23.70
5	16QAM	12	7	22.31	22.40	22.25	23.70
5	16QAM	12	13	22.24	22.47	22.40	23.70
5	16QAM	25	0	22.22	22.50	22.39	23.70
5	64QAM	1	0	22.40	22.44	22.34	23.70
5	64QAM	1	12	22.38	22.55	22.50	23.70
5	64QAM	1	24	22.49	22.74	22.56	23.70
5	64QAM	12	0	21.35	21.35	21.36	22.70
5	64QAM	12	7	21.33	21.42	21.25	22.70
5	64QAM	12	13	21.36	21.53	21.33	22.70
5	64QAM	25	0	21.37	21.44	21.47	22.70
5	256QAM	1	0	19.33	19.50	19.44	20.70
5	256QAM	1	12	19.40	19.54	19.45	20.70
5	256QAM	1	24	19.29	19.58	19.36	20.70
5	256QAM	12	0	19.34	19.48	19.36	20.70



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5	256QAM	12	7	19.25	19.40	19.19	20.70
5	256QAM	12	13	19.38	19.41	19.46	20.70
5	256QAM	25	0	19.31	19.38	19.34	20.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.43	24.47	24.46	25.70
3	QPSK	1	8	24.20	24.43	24.23	25.70
3	QPSK	1	14	24.31	24.48	24.36	25.70
3	QPSK	8	0	23.31	23.52	23.33	24.70
3	QPSK	8	4	23.09	23.45	23.21	24.70
3	QPSK	8	7	23.29	23.50	23.30	24.70
3	QPSK	15	0	23.34	23.44	23.28	24.70
3	16QAM	1	0	23.55	23.63	23.50	24.70
3	16QAM	1	8	23.58	23.65	23.62	24.70
3	16QAM	1	14	23.64	23.72	23.55	24.70
3	16QAM	8	0	22.33	22.53	22.34	23.70
3	16QAM	8	4	22.24	22.50	22.21	23.70
3	16QAM	8	7	22.31	22.39	22.37	23.70
3	16QAM	15	0	22.20	22.50	22.32	23.70
3	64QAM	1	0	22.49	22.50	22.34	23.70
3	64QAM	1	8	22.37	22.52	22.47	23.70
3	64QAM	1	14	22.38	22.69	22.50	23.70
3	64QAM	8	0	21.30	21.37	21.30	22.70
3	64QAM	8	4	21.38	21.49	21.33	22.70
3	64QAM	8	7	21.43	21.50	21.24	22.70
3	64QAM	15	0	21.32	21.48	21.49	22.70
3	256QAM	1	0	19.33	19.48	19.42	20.70
3	256QAM	1	8	19.42	19.61	19.50	20.70
3	256QAM	1	14	19.27	19.51	19.35	20.70
3	256QAM	8	0	19.37	19.34	19.27	20.70
3	256QAM	8	4	19.32	19.45	19.17	20.70
3	256QAM	8	7	19.31	19.48	19.42	20.70
3	256QAM	15	0	19.29	19.38	19.36	20.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.41	24.54	24.43	25.70
1.4	QPSK	1	3	24.25	24.47	24.36	25.70
1.4	QPSK	1	5	24.36	24.45	24.37	25.70
1.4	QPSK	3	0	24.31	24.47	24.37	25.70
1.4	QPSK	3	1	24.14	24.34	24.28	25.70
1.4	QPSK	3	3	24.27	24.48	24.37	25.70
1.4	QPSK	6	0	23.33	23.47	23.29	24.70
1.4	16QAM	1	0	23.45	23.66	23.63	24.70
1.4	16QAM	1	3	23.61	23.73	23.60	24.70
1.4	16QAM	1	5	23.59	23.71	23.60	24.70
1.4	16QAM	3	0	23.34	23.43	23.43	24.70
1.4	16QAM	3	1	23.22	23.47	23.27	24.70
1.4	16QAM	3	3	23.33	23.51	23.36	24.70
1.4	16QAM	6	0	22.20	22.48	22.37	23.70
1.4	64QAM	1	0	22.46	22.49	22.26	23.70
1.4	64QAM	1	3	22.36	22.58	22.44	23.70
1.4	64QAM	1	5	22.47	22.66	22.50	23.70
1.4	64QAM	3	0	22.23	22.43	22.32	23.70
1.4	64QAM	3	1	22.37	22.41	22.25	23.70
1.4	64QAM	3	3	22.35	22.50	22.29	23.70
1.4	64QAM	6	0	21.38	21.47	21.41	22.70
1.4	256QAM	1	0	19.29	19.49	19.46	20.70
1.4	256QAM	1	3	19.38	19.51	19.40	20.70
1.4	256QAM	1	5	19.32	19.55	19.38	20.70
1.4	256QAM	3	0	19.34	19.41	19.36	20.70
1.4	256QAM	3	1	19.26	19.44	19.19	20.70
1.4	256QAM	3	3	19.34	19.43	19.45	20.70
1.4	256QAM	6	0	19.23	19.38	19.37	20.70



【LTE Band 66_Ant 4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.95	25.04	24.94	25.70
20	QPSK	1	49	24.81	24.90	24.76	25.70
20	QPSK	1	99	24.94	24.98	24.81	25.70
20	QPSK	50	0	23.97	24.00	23.96	24.70
20	QPSK	50	24	23.84	23.98	23.76	24.70
20	QPSK	50	50	23.86	23.92	23.88	24.70
20	QPSK	100	0	23.85	23.97	23.86	24.70
20	16QAM	1	0	23.88	23.96	23.91	24.70
20	16QAM	1	49	23.83	24.00	23.88	24.70
20	16QAM	1	99	23.98	24.05	23.92	24.70
20	16QAM	50	0	22.91	23.06	22.88	23.70
20	16QAM	50	24	22.84	22.94	22.89	23.70
20	16QAM	50	50	22.81	22.98	22.87	23.70
20	16QAM	100	0	22.85	22.95	22.85	23.70
20	64QAM	1	0	22.77	22.82	22.80	23.70
20	64QAM	1	49	22.76	22.88	22.82	23.70
20	64QAM	1	99	22.87	22.96	22.93	23.70
20	64QAM	50	0	21.85	22.01	21.91	22.70
20	64QAM	50	24	21.75	21.90	21.83	22.70
20	64QAM	50	50	21.84	21.89	21.78	22.70
20	64QAM	100	0	21.84	21.92	21.87	22.70
20	256QAM	1	0	19.76	19.74	19.56	20.70
20	256QAM	1	49	19.77	19.80	19.67	20.70
20	256QAM	1	99	19.67	19.85	19.59	20.70
20	256QAM	50	0	19.84	19.96	19.88	20.70
20	256QAM	50	24	19.87	19.95	19.71	20.70
20	256QAM	50	50	19.84	19.86	19.74	20.70
20	256QAM	100	0	19.90	19.89	19.89	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.93	24.90	24.91	25.70
15	QPSK	1	37	24.78	24.81	24.70	25.70
15	QPSK	1	74	24.79	24.94	24.74	25.70
15	QPSK	36	0	23.87	23.92	23.83	24.70
15	QPSK	36	20	23.70	23.95	23.71	24.70
15	QPSK	36	39	23.82	23.80	23.85	24.70
15	QPSK	75	0	23.83	23.93	23.83	24.70
15	16QAM	1	0	23.74	23.90	23.89	24.70
15	16QAM	1	37	23.79	23.96	23.82	24.70
15	16QAM	1	74	23.92	23.91	23.86	24.70
15	16QAM	36	0	22.85	22.91	22.75	23.70
15	16QAM	36	20	22.78	22.91	22.76	23.70
15	16QAM	36	39	22.72	22.89	22.73	23.70
15	16QAM	75	0	22.78	22.90	22.74	23.70
15	64QAM	1	0	22.73	22.77	22.68	23.70
15	64QAM	1	37	22.74	22.78	22.79	23.70
15	64QAM	1	74	22.85	22.81	22.91	23.70
15	64QAM	36	0	21.74	21.92	21.82	22.70
15	64QAM	36	20	21.63	21.84	21.77	22.70
15	64QAM	36	39	21.82	21.86	21.64	22.70
15	64QAM	75	0	21.77	21.81	21.74	22.70
15	256QAM	1	0	19.63	19.71	19.53	20.70
15	256QAM	1	37	19.72	19.72	19.57	20.70
15	256QAM	1	74	19.59	19.72	19.48	20.70
15	256QAM	36	0	19.72	19.94	19.76	20.70
15	256QAM	36	20	19.75	19.82	19.66	20.70
15	256QAM	36	39	19.75	19.73	19.71	20.70
15	256QAM	75	0	19.77	19.75	19.80	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.93	24.90	24.81	25.70
10	QPSK	1	25	24.74	24.85	24.61	25.70
10	QPSK	1	49	24.89	24.85	24.67	25.70
10	QPSK	25	0	23.87	23.96	23.84	24.70
10	QPSK	25	12	23.77	23.85	23.67	24.70
10	QPSK	25	25	23.81	23.83	23.74	24.70
10	QPSK	50	0	23.74	23.82	23.81	24.70
10	16QAM	1	0	23.81	23.85	23.85	24.70
10	16QAM	1	25	23.80	23.87	23.77	24.70
10	16QAM	1	49	23.93	23.97	23.85	24.70
10	16QAM	25	0	22.87	22.93	22.82	23.70



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10	16QAM	25	12	22.74	22.89	22.77	23.70
10	16QAM	25	25	22.74	22.86	22.73	23.70
10	16QAM	50	0	22.78	22.86	22.78	23.70
10	64QAM	1	0	22.72	22.78	22.71	23.70
10	64QAM	1	25	22.64	22.86	22.74	23.70
10	64QAM	1	49	22.81	22.82	22.91	23.70
10	64QAM	25	0	21.73	21.87	21.80	22.70
10	64QAM	25	12	21.70	21.80	21.76	22.70
10	64QAM	25	25	21.83	21.84	21.71	22.70
10	64QAM	50	0	21.72	21.89	21.84	22.70
10	256QAM	1	0	19.72	19.62	19.44	20.70
10	256QAM	1	25	19.67	19.72	19.56	20.70
10	256QAM	1	49	19.54	19.74	19.49	20.70
10	256QAM	25	0	19.76	19.94	19.79	20.70
10	256QAM	25	12	19.83	19.87	19.69	20.70
10	256QAM	25	25	19.80	19.82	19.70	20.70
10	256QAM	50	0	19.81	19.83	19.76	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.83	24.91	24.87	25.70
5	QPSK	1	12	24.73	24.86	24.74	25.70
5	QPSK	1	24	24.92	24.94	24.75	25.70
5	QPSK	12	0	23.85	23.87	23.95	24.70
5	QPSK	12	7	23.78	23.88	23.74	24.70
5	QPSK	12	13	23.84	23.85	23.78	24.70
5	QPSK	25	0	23.82	23.91	23.71	24.70
5	16QAM	1	0	23.78	23.90	23.83	24.70
5	16QAM	1	12	23.80	23.86	23.80	24.70
5	16QAM	1	24	23.87	23.99	23.85	24.70
5	16QAM	12	0	22.79	23.01	22.85	23.70
5	16QAM	12	7	22.77	22.89	22.77	23.70
5	16QAM	12	13	22.73	22.85	22.76	23.70
5	16QAM	25	0	22.72	22.91	22.79	23.70
5	64QAM	1	0	22.76	22.71	22.78	23.70
5	64QAM	1	12	22.64	22.78	22.68	23.70
5	64QAM	1	24	22.80	22.93	22.89	23.70
5	64QAM	12	0	21.77	21.92	21.88	22.70
5	64QAM	12	7	21.70	21.86	21.70	22.70
5	64QAM	12	13	21.70	21.83	21.68	22.70
5	64QAM	25	0	21.76	21.87	21.79	22.70
5	256QAM	1	0	19.66	19.73	19.43	20.70
5	256QAM	1	12	19.73	19.79	19.63	20.70
5	256QAM	1	24	19.63	19.73	19.55	20.70
5	256QAM	12	0	19.72	19.93	19.85	20.70
5	256QAM	12	7	19.74	19.87	19.65	20.70
5	256QAM	12	13	19.81	19.77	19.64	20.70
5	256QAM	25	0	19.85	19.74	19.82	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.82	24.93	24.79	25.70
3	QPSK	1	8	24.67	24.77	24.61	25.70
3	QPSK	1	14	24.84	24.88	24.75	25.70
3	QPSK	8	0	23.92	23.95	23.86	24.70
3	QPSK	8	4	23.80	23.91	23.71	24.70
3	QPSK	8	7	23.72	23.86	23.74	24.70
3	QPSK	15	0	23.71	23.91	23.75	24.70
3	16QAM	1	0	23.84	23.87	23.86	24.70
3	16QAM	1	8	23.79	23.89	23.73	24.70
3	16QAM	1	14	23.90	23.92	23.81	24.70
3	16QAM	8	0	22.82	22.95	22.83	23.70
3	16QAM	8	4	22.81	22.87	22.77	23.70
3	16QAM	8	7	22.78	22.89	22.74	23.70
3	16QAM	15	0	22.84	22.94	22.73	23.70
3	64QAM	1	0	22.75	22.76	22.68	23.70
3	64QAM	1	8	22.74	22.74	22.68	23.70
3	64QAM	1	14	22.72	22.84	22.78	23.70
3	64QAM	8	0	21.77	21.88	21.81	22.70
3	64QAM	8	4	21.62	21.83	21.78	22.70
3	64QAM	8	7	21.78	21.75	21.64	22.70
3	64QAM	15	0	21.80	21.85	21.77	22.70
3	256QAM	1	0	19.74	19.69	19.44	20.70
3	256QAM	1	8	19.70	19.76	19.65	20.70
3	256QAM	1	14	19.64	19.77	19.46	20.70
3	256QAM	8	0	19.70	19.89	19.83	20.70
3	256QAM	8	4	19.75	19.84	19.61	20.70
3	256QAM	8	7	19.76	19.84	19.70	20.70
3	256QAM	15	0	19.83	19.84	19.77	20.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.93	24.99	24.81	25.70
1.4	QPSK	1	3	24.79	24.78	24.61	25.70
1.4	QPSK	1	5	24.92	24.91	24.67	25.70
1.4	QPSK	3	0	24.84	24.94	24.89	25.70
1.4	QPSK	3	1	24.83	24.92	24.74	25.70
1.4	QPSK	3	3	24.74	24.80	24.74	25.70
1.4	QPSK	6	0	23.70	23.85	23.83	24.70
1.4	16QAM	1	0	23.77	23.81	23.84	24.70
1.4	16QAM	1	3	23.69	23.96	23.85	24.70
1.4	16QAM	1	5	23.91	23.91	23.90	24.70
1.4	16QAM	3	0	23.88	24.04	23.77	24.70
1.4	16QAM	3	1	23.71	23.90	23.85	24.70
1.4	16QAM	3	3	23.75	23.84	23.86	24.70
1.4	16QAM	6	0	22.70	22.85	22.75	23.70
1.4	64QAM	1	0	22.68	22.75	22.79	23.70
1.4	64QAM	1	3	22.61	22.82	22.80	23.70
1.4	64QAM	1	5	22.79	22.92	22.87	23.70
1.4	64QAM	3	0	22.73	22.93	22.88	23.70
1.4	64QAM	3	1	22.71	22.87	22.72	23.70
1.4	64QAM	3	3	22.69	22.78	22.74	23.70
1.4	64QAM	6	0	21.75	21.77	21.84	22.70
1.4	256QAM	1	0	19.69	19.61	19.53	20.70
1.4	256QAM	1	3	19.66	19.76	19.61	20.70
1.4	256QAM	1	5	19.62	19.71	19.58	20.70
1.4	256QAM	3	0	19.70	19.87	19.86	20.70
1.4	256QAM	3	1	19.84	19.91	19.56	20.70
1.4	256QAM	3	3	19.80	19.82	19.73	20.70
1.4	256QAM	6	0	19.85	19.74	19.83	20.70

【LTE Band 66_Ant 4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.79	22.81	22.78	24.50
20	QPSK	1	49	22.58	22.72	22.56	24.50
20	QPSK	1	99	22.69	22.77	22.62	24.50
20	QPSK	50	0	21.66	21.82	21.72	23.50
20	QPSK	50	24	21.64	21.74	21.60	23.50
20	QPSK	50	50	21.65	21.75	21.67	23.50
20	QPSK	100	0	21.68	21.76	21.62	23.50
20	16QAM	1	0	21.73	21.79	21.68	23.50
20	16QAM	1	49	21.66	21.82	21.71	23.50
20	16QAM	1	99	21.82	21.88	21.76	23.50
20	16QAM	50	0	20.71	20.84	20.70	22.50
20	16QAM	50	24	20.69	20.75	20.67	22.50
20	16QAM	50	50	20.64	20.74	20.68	22.50
20	16QAM	100	0	20.61	20.75	20.65	22.50
20	64QAM	1	0	20.54	20.59	20.55	22.50
20	64QAM	1	49	20.57	20.70	20.59	22.50
20	64QAM	1	99	20.66	20.77	20.73	22.50
20	64QAM	50	0	19.65	19.79	19.68	21.50
20	64QAM	50	24	19.59	19.73	19.68	21.50
20	64QAM	50	50	19.66	19.73	19.59	21.50
20	64QAM	100	0	19.65	19.74	19.67	21.50
20	256QAM	1	0	17.54	17.57	17.40	19.50
20	256QAM	1	49	17.60	17.63	17.51	19.50
20	256QAM	1	99	17.51	17.60	17.44	19.50
20	256QAM	50	0	17.66	17.79	17.73	19.50
20	256QAM	50	24	17.68	17.71	17.56	19.50
20	256QAM	50	50	17.62	17.70	17.55	19.50
20	256QAM	100	0	17.70	17.73	17.67	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.75	22.67	22.70	24.50
15	QPSK	1	37	22.51	22.64	22.53	24.50
15	QPSK	1	74	22.57	22.64	22.56	24.50
15	QPSK	36	0	21.60	21.79	21.67	23.50
15	QPSK	36	20	21.54	21.71	21.47	23.50
15	QPSK	36	39	21.54	21.68	21.62	23.50
15	QPSK	75	0	21.62	21.71	21.58	23.50



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15	16QAM	1	0	21.67	21.78	21.55	23.50
15	16QAM	1	37	21.55	21.73	21.70	23.50
15	16QAM	1	74	21.80	21.83	21.66	23.50
15	16QAM	36	0	20.66	20.74	20.65	22.50
15	16QAM	36	20	20.65	20.70	20.53	22.50
15	16QAM	36	39	20.62	20.67	20.54	22.50
15	16QAM	75	0	20.53	20.65	20.63	22.50
15	64QAM	1	0	20.42	20.47	20.49	22.50
15	64QAM	1	37	20.50	20.66	20.54	22.50
15	64QAM	1	74	20.64	20.74	20.69	22.50
15	64QAM	36	0	19.63	19.72	19.64	21.50
15	64QAM	36	20	19.45	19.68	19.60	21.50
15	64QAM	36	39	19.54	19.65	19.45	21.50
15	64QAM	75	0	19.53	19.70	19.60	21.50
15	256QAM	1	0	17.43	17.52	17.33	19.50
15	256QAM	1	37	17.45	17.49	17.38	19.50
15	256QAM	1	74	17.39	17.51	17.42	19.50
15	256QAM	36	0	17.52	17.65	17.61	19.50
15	256QAM	36	20	17.61	17.59	17.45	19.50
15	256QAM	36	39	17.48	17.60	17.52	19.50
15	256QAM	75	0	17.62	17.58	17.57	19.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.76	22.77	22.74	24.50
10	QPSK	1	25	22.47	22.62	22.44	24.50
10	QPSK	1	49	22.61	22.66	22.49	24.50
10	QPSK	25	0	21.58	21.67	21.62	23.50
10	QPSK	25	12	21.59	21.60	21.52	23.50
10	QPSK	25	25	21.52	21.71	21.57	23.50
10	QPSK	50	0	21.61	21.63	21.50	23.50
10	16QAM	1	0	21.61	21.71	21.64	23.50
10	16QAM	1	25	21.52	21.70	21.64	23.50
10	16QAM	1	49	21.70	21.83	21.66	23.50
10	16QAM	25	0	20.70	20.82	20.57	22.50
10	16QAM	25	12	20.61	20.62	20.64	22.50
10	16QAM	25	25	20.60	20.62	20.60	22.50
10	16QAM	50	0	20.51	20.74	20.60	22.50
10	64QAM	1	0	20.44	20.52	20.50	22.50
10	64QAM	1	25	20.45	20.59	20.46	22.50
10	64QAM	1	49	20.56	20.73	20.67	22.50
10	64QAM	25	0	19.61	19.67	19.61	21.50
10	64QAM	25	12	19.48	19.67	19.56	21.50
10	64QAM	25	25	19.61	19.69	19.53	21.50
10	64QAM	50	0	19.61	19.60	19.56	21.50
10	256QAM	1	0	17.46	17.43	17.27	19.50
10	256QAM	1	25	17.54	17.57	17.40	19.50
10	256QAM	1	49	17.39	17.56	17.32	19.50
10	256QAM	25	0	17.60	17.68	17.70	19.50
10	256QAM	25	12	17.55	17.59	17.49	19.50
10	256QAM	25	25	17.53	17.64	17.51	19.50
10	256QAM	50	0	17.61	17.59	17.65	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.78	22.70	22.64	24.50
5	QPSK	1	12	22.48	22.59	22.54	24.50
5	QPSK	1	24	22.55	22.73	22.52	24.50
5	QPSK	12	0	21.52	21.73	21.67	23.50
5	QPSK	12	7	21.54	21.66	21.46	23.50
5	QPSK	12	13	21.60	21.71	21.64	23.50
5	QPSK	25	0	21.55	21.62	21.57	23.50
5	16QAM	1	0	21.64	21.75	21.58	23.50
5	16QAM	1	12	21.61	21.67	21.67	23.50
5	16QAM	1	24	21.77	21.87	21.70	23.50
5	16QAM	12	0	20.58	20.79	20.63	22.50
5	16QAM	12	7	20.55	20.71	20.57	22.50
5	16QAM	12	13	20.59	20.72	20.65	22.50
5	16QAM	25	0	20.54	20.72	20.60	22.50
5	64QAM	1	0	20.44	20.47	20.49	22.50
5	64QAM	1	12	20.48	20.65	20.52	22.50
5	64QAM	1	24	20.61	20.67	20.60	22.50
5	64QAM	12	0	19.56	19.67	19.57	21.50
5	64QAM	12	7	19.48	19.66	19.60	21.50
5	64QAM	12	13	19.63	19.66	19.53	21.50
5	64QAM	25	0	19.50	19.65	19.53	21.50
5	256QAM	1	0	17.47	17.49	17.30	19.50
5	256QAM	1	12	17.50	17.61	17.43	19.50
5	256QAM	1	24	17.39	17.56	17.35	19.50
5	256QAM	12	0	17.60	17.66	17.65	19.50



5	256QAM	12	7	17.67	17.59	17.49	19.50
5	256QAM	12	13	17.57	17.58	17.49	19.50
5	256QAM	25	0	17.59	17.72	17.61	19.50
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.73	22.68	22.71	24.50
3	QPSK	1	8	22.53	22.66	22.43	24.50
3	QPSK	1	14	22.56	22.65	22.60	24.50
3	QPSK	8	0	21.62	21.75	21.68	23.50
3	QPSK	8	4	21.55	21.68	21.54	23.50
3	QPSK	8	7	21.52	21.63	21.63	23.50
3	QPSK	15	0	21.55	21.73	21.48	23.50
3	16QAM	1	0	21.62	21.73	21.66	23.50
3	16QAM	1	8	21.63	21.70	21.58	23.50
3	16QAM	1	14	21.78	21.75	21.71	23.50
3	16QAM	8	0	20.63	20.73	20.57	22.50
3	16QAM	8	4	20.59	20.73	20.57	22.50
3	16QAM	8	7	20.62	20.71	20.64	22.50
3	16QAM	15	0	20.59	20.63	20.51	22.50
3	64QAM	1	0	20.39	20.51	20.45	22.50
3	64QAM	1	8	20.48	20.60	20.48	22.50
3	64QAM	1	14	20.60	20.63	20.60	22.50
3	64QAM	8	0	19.55	19.69	19.59	21.50
3	64QAM	8	4	19.45	19.66	19.55	21.50
3	64QAM	8	7	19.62	19.70	19.57	21.50
3	64QAM	15	0	19.59	19.66	19.64	21.50
3	256QAM	1	0	17.41	17.47	17.33	19.50
3	256QAM	1	8	17.56	17.49	17.47	19.50
3	256QAM	1	14	17.41	17.54	17.36	19.50
3	256QAM	8	0	17.51	17.74	17.71	19.50
3	256QAM	8	4	17.54	17.58	17.50	19.50
3	256QAM	8	7	17.53	17.67	17.51	19.50
3	256QAM	15	0	17.65	17.60	17.53	19.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.67	22.70	22.74	24.50
1.4	QPSK	1	3	22.56	22.65	22.55	24.50
1.4	QPSK	1	5	22.55	22.66	22.49	24.50
1.4	QPSK	3	0	22.51	22.70	22.65	24.50
1.4	QPSK	3	1	22.62	22.63	22.49	24.50
1.4	QPSK	3	3	22.53	22.62	22.54	24.50
1.4	QPSK	6	0	21.57	21.73	21.54	23.50
1.4	16QAM	1	0	21.59	21.74	21.63	23.50
1.4	16QAM	1	3	21.61	21.67	21.61	23.50
1.4	16QAM	1	5	21.74	21.83	21.70	23.50
1.4	16QAM	3	0	21.64	21.76	21.62	23.50
1.4	16QAM	3	1	21.61	21.67	21.60	23.50
1.4	16QAM	3	3	21.58	21.67	21.64	23.50
1.4	16QAM	6	0	20.50	20.63	20.59	22.50
1.4	64QAM	1	0	20.45	20.55	20.42	22.50
1.4	64QAM	1	3	20.52	20.65	20.56	22.50
1.4	64QAM	1	5	20.65	20.64	20.68	22.50
1.4	64QAM	3	0	20.57	20.78	20.60	22.50
1.4	64QAM	3	1	20.46	20.72	20.56	22.50
1.4	64QAM	3	3	20.52	20.59	20.44	22.50
1.4	64QAM	6	0	19.55	19.65	19.60	21.50
1.4	256QAM	1	0	17.42	17.55	17.36	19.50
1.4	256QAM	1	3	17.47	17.48	17.36	19.50
1.4	256QAM	1	5	17.50	17.49	17.38	19.50
1.4	256QAM	3	0	17.56	17.67	17.62	19.50
1.4	256QAM	3	1	17.61	17.68	17.55	19.50
1.4	256QAM	3	3	17.53	17.61	17.41	19.50
1.4	256QAM	6	0	17.58	17.60	17.58	19.50



【LTE Band 66_Ant 4_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.47	24.56	24.51	25.70
20	QPSK	1	49	24.33	24.49	24.38	25.70
20	QPSK	1	99	24.40	24.50	24.48	25.70
20	QPSK	50	0	23.37	23.59	23.47	24.70
20	QPSK	50	24	23.23	23.48	23.36	24.70
20	QPSK	50	50	23.33	23.58	23.40	24.70
20	QPSK	100	0	23.42	23.50	23.38	24.70
20	16QAM	1	0	23.59	23.72	23.64	24.70
20	16QAM	1	49	23.62	23.78	23.65	24.70
20	16QAM	1	99	23.72	23.78	23.69	24.70
20	16QAM	50	0	22.38	22.57	22.44	23.70
20	16QAM	50	24	22.36	22.54	22.32	23.70
20	16QAM	50	50	22.38	22.53	22.43	23.70
20	16QAM	100	0	22.31	22.59	22.46	23.70
20	64QAM	1	0	22.53	22.57	22.38	23.70
20	64QAM	1	49	22.41	22.62	22.53	23.70
20	64QAM	1	99	22.51	22.77	22.64	23.70
20	64QAM	50	0	21.36	21.48	21.43	22.70
20	64QAM	50	24	21.41	21.51	21.38	22.70
20	64QAM	50	50	21.47	21.56	21.36	22.70
20	64QAM	100	0	21.40	21.56	21.50	22.70
20	256QAM	1	0	19.38	19.61	19.50	20.70
20	256QAM	1	49	19.43	19.64	19.51	20.70
20	256QAM	1	99	19.42	19.60	19.43	20.70
20	256QAM	50	0	19.39	19.49	19.39	20.70
20	256QAM	50	24	19.34	19.52	19.30	20.70
20	256QAM	50	50	19.43	19.55	19.48	20.70
20	256QAM	100	0	19.38	19.48	19.38	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.38	24.49	24.47	25.70
15	QPSK	1	37	24.21	24.37	24.27	25.70
15	QPSK	1	74	24.36	24.47	24.41	25.70
15	QPSK	36	0	23.34	23.56	23.36	24.70
15	QPSK	36	20	23.18	23.39	23.21	24.70
15	QPSK	36	39	23.27	23.56	23.29	24.70
15	QPSK	75	0	23.39	23.45	23.35	24.70
15	16QAM	1	0	23.44	23.62	23.59	24.70
15	16QAM	1	37	23.48	23.67	23.55	24.70
15	16QAM	1	74	23.68	23.68	23.55	24.70
15	16QAM	36	0	22.37	22.47	22.34	23.70
15	16QAM	36	20	22.27	22.48	22.22	23.70
15	16QAM	36	39	22.35	22.50	22.32	23.70
15	16QAM	75	0	22.20	22.58	22.38	23.70
15	64QAM	1	0	22.46	22.46	22.30	23.70
15	64QAM	1	37	22.38	22.49	22.40	23.70
15	64QAM	1	74	22.46	22.62	22.51	23.70
15	64QAM	36	0	21.31	21.41	21.32	22.70
15	64QAM	36	20	21.34	21.42	21.25	22.70
15	64QAM	36	39	21.34	21.46	21.21	22.70
15	64QAM	75	0	21.30	21.43	21.37	22.70
15	256QAM	1	0	19.36	19.54	19.40	20.70
15	256QAM	1	37	19.40	19.62	19.41	20.70
15	256QAM	1	74	19.41	19.55	19.30	20.70
15	256QAM	36	0	19.34	19.42	19.29	20.70
15	256QAM	36	20	19.28	19.45	19.19	20.70
15	256QAM	36	39	19.38	19.48	19.36	20.70
15	256QAM	75	0	19.31	19.33	19.31	20.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.41	24.43	24.42	25.70
10	QPSK	1	25	24.23	24.47	24.33	25.70
10	QPSK	1	49	24.28	24.48	24.41	25.70
10	QPSK	25	0	23.28	23.45	23.38	24.70
10	QPSK	25	12	23.15	23.42	23.34	24.70
10	QPSK	25	25	23.22	23.52	23.28	24.70
10	QPSK	50	0	23.28	23.45	23.24	24.70
10	16QAM	1	0	23.46	23.68	23.53	24.70
10	16QAM	1	25	23.49	23.65	23.50	24.70
10	16QAM	1	49	23.69	23.72	23.57	24.70
10	16QAM	25	0	22.25	22.52	22.35	23.70



10	16QAM	25	12	22.31	22.49	22.31	23.70
10	16QAM	25	25	22.32	22.45	22.41	23.70
10	16QAM	50	0	22.29	22.46	22.36	23.70
10	64QAM	1	0	22.43	22.54	22.37	23.70
10	64QAM	1	25	22.38	22.49	22.44	23.70
10	64QAM	1	49	22.37	22.72	22.61	23.70
10	64QAM	25	0	21.32	21.36	21.35	22.70
10	64QAM	25	12	21.28	21.46	21.27	22.70
10	64QAM	25	25	21.37	21.50	21.24	22.70
10	64QAM	50	0	21.27	21.43	21.44	22.70
10	256QAM	1	0	19.37	19.52	19.40	20.70
10	256QAM	1	25	19.28	19.52	19.43	20.70
10	256QAM	1	49	19.34	19.53	19.38	20.70
10	256QAM	25	0	19.31	19.35	19.28	20.70
10	256QAM	25	12	19.26	19.48	19.21	20.70
10	256QAM	25	25	19.33	19.53	19.33	20.70
10	256QAM	50	0	19.24	19.33	19.25	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.36	24.53	24.49	25.70
5	QPSK	1	12	24.19	24.44	24.32	25.70
5	QPSK	1	24	24.27	24.46	24.35	25.70
5	QPSK	12	0	23.34	23.52	23.43	24.70
5	QPSK	12	7	23.09	23.36	23.35	24.70
5	QPSK	12	13	23.22	23.44	23.35	24.70
5	QPSK	25	0	23.33	23.41	23.24	24.70
5	16QAM	1	0	23.55	23.65	23.52	24.70
5	16QAM	1	12	23.60	23.67	23.57	24.70
5	16QAM	1	24	23.59	23.68	23.55	24.70
5	16QAM	12	0	22.36	22.46	22.36	23.70
5	16QAM	12	7	22.31	22.40	22.25	23.70
5	16QAM	12	13	22.24	22.47	22.40	23.70
5	16QAM	25	0	22.22	22.50	22.39	23.70
5	64QAM	1	0	22.40	22.44	22.34	23.70
5	64QAM	1	12	22.38	22.55	22.50	23.70
5	64QAM	1	24	22.49	22.74	22.56	23.70
5	64QAM	12	0	21.35	21.35	21.36	22.70
5	64QAM	12	7	21.33	21.42	21.25	22.70
5	64QAM	12	13	21.36	21.53	21.33	22.70
5	64QAM	25	0	21.37	21.44	21.47	22.70
5	256QAM	1	0	19.33	19.50	19.44	20.70
5	256QAM	1	12	19.40	19.54	19.45	20.70
5	256QAM	1	24	19.29	19.58	19.36	20.70
5	256QAM	12	0	19.34	19.48	19.36	20.70
5	256QAM	12	7	19.25	19.40	19.19	20.70
5	256QAM	12	13	19.38	19.41	19.46	20.70
5	256QAM	25	0	19.31	19.38	19.34	20.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.43	24.47	24.46	25.70
3	QPSK	1	8	24.20	24.43	24.23	25.70
3	QPSK	1	14	24.31	24.48	24.36	25.70
3	QPSK	8	0	23.31	23.52	23.33	24.70
3	QPSK	8	4	23.09	23.45	23.21	24.70
3	QPSK	8	7	23.29	23.50	23.30	24.70
3	QPSK	15	0	23.34	23.44	23.28	24.70
3	16QAM	1	0	23.55	23.63	23.50	24.70
3	16QAM	1	8	23.58	23.65	23.62	24.70
3	16QAM	1	14	23.64	23.72	23.55	24.70
3	16QAM	8	0	22.33	22.53	22.34	23.70
3	16QAM	8	4	22.24	22.50	22.21	23.70
3	16QAM	8	7	22.31	22.39	22.37	23.70
3	16QAM	15	0	22.20	22.50	22.32	23.70
3	64QAM	1	0	22.49	22.50	22.34	23.70
3	64QAM	1	8	22.37	22.52	22.47	23.70
3	64QAM	1	14	22.38	22.69	22.50	23.70
3	64QAM	8	0	21.30	21.37	21.30	22.70
3	64QAM	8	4	21.38	21.49	21.33	22.70
3	64QAM	8	7	21.43	21.50	21.24	22.70
3	64QAM	15	0	21.32	21.48	21.49	22.70
3	256QAM	1	0	19.33	19.48	19.42	20.70
3	256QAM	1	8	19.42	19.61	19.50	20.70
3	256QAM	1	14	19.27	19.51	19.35	20.70
3	256QAM	8	0	19.37	19.34	19.27	20.70
3	256QAM	8	4	19.32	19.45	19.17	20.70
3	256QAM	8	7	19.31	19.48	19.42	20.70
3	256QAM	15	0	19.29	19.38	19.36	20.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.41	24.54	24.43	25.70
1.4	QPSK	1	3	24.25	24.47	24.36	25.70
1.4	QPSK	1	5	24.36	24.45	24.37	25.70
1.4	QPSK	3	0	24.31	24.47	24.37	25.70
1.4	QPSK	3	1	24.14	24.34	24.28	25.70
1.4	QPSK	3	3	24.27	24.48	24.37	25.70
1.4	QPSK	6	0	23.33	23.47	23.29	24.70
1.4	16QAM	1	0	23.45	23.66	23.63	24.70
1.4	16QAM	1	3	23.61	23.73	23.60	24.70
1.4	16QAM	1	5	23.59	23.71	23.60	24.70
1.4	16QAM	3	0	23.34	23.43	23.43	24.70
1.4	16QAM	3	1	23.22	23.47	23.27	24.70
1.4	16QAM	3	3	23.33	23.51	23.36	24.70
1.4	16QAM	6	0	22.20	22.48	22.37	23.70
1.4	64QAM	1	0	22.46	22.49	22.26	23.70
1.4	64QAM	1	3	22.36	22.58	22.44	23.70
1.4	64QAM	1	5	22.47	22.66	22.50	23.70
1.4	64QAM	3	0	22.23	22.43	22.32	23.70
1.4	64QAM	3	1	22.37	22.41	22.25	23.70
1.4	64QAM	3	3	22.35	22.50	22.29	23.70
1.4	64QAM	6	0	21.38	21.47	21.41	22.70
1.4	256QAM	1	0	19.29	19.49	19.46	20.70
1.4	256QAM	1	3	19.38	19.51	19.40	20.70
1.4	256QAM	1	5	19.32	19.55	19.38	20.70
1.4	256QAM	3	0	19.34	19.41	19.36	20.70
1.4	256QAM	3	1	19.26	19.44	19.19	20.70
1.4	256QAM	3	3	19.34	19.43	19.45	20.70
1.4	256QAM	6	0	19.23	19.38	19.37	20.70

【LTE Band 66_Ant 4_ECI1-1】

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	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.95	25.04	24.94	25.70
20	QPSK	1	49	24.81	24.90	24.76	25.70
20	QPSK	1	99	24.94	24.98	24.81	25.70
20	QPSK	50	0	23.97	24.00	23.96	24.70
20	QPSK	50	24	23.84	23.98	23.76	24.70
20	QPSK	50	50	23.86	23.92	23.88	24.70
20	QPSK	100	0	23.85	23.97	23.86	24.70
20	16QAM	1	0	23.88	23.96	23.91	24.70
20	16QAM	1	49	23.83	24.00	23.88	24.70
20	16QAM	1	99	23.98	24.05	23.92	24.70
20	16QAM	50	0	22.91	23.06	22.88	23.70
20	16QAM	50	24	22.84	22.94	22.89	23.70
20	16QAM	50	50	22.81	22.98	22.87	23.70
20	16QAM	100	0	22.85	22.95	22.85	23.70
20	64QAM	1	0	22.77	22.82	22.80	23.70
20	64QAM	1	49	22.76	22.88	22.82	23.70
20	64QAM	1	99	22.87	22.96	22.93	23.70
20	64QAM	50	0	21.85	22.01	21.91	22.70
20	64QAM	50	24	21.75	21.90	21.83	22.70
20	64QAM	50	50	21.84	21.89	21.78	22.70
20	64QAM	100	0	21.84	21.92	21.87	22.70
20	256QAM	1	0	19.76	19.74	19.56	20.70
20	256QAM	1	49	19.77	19.80	19.67	20.70
20	256QAM	1	99	19.67	19.85	19.59	20.70
20	256QAM	50	0	19.84	19.96	19.88	20.70
20	256QAM	50	24	19.87	19.95	19.71	20.70
20	256QAM	50	50	19.84	19.86	19.74	20.70
20	256QAM	100	0	19.90	19.89	19.89	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.93	24.90	24.91	25.70
15	QPSK	1	37	24.78	24.81	24.70	25.70
15	QPSK	1	74	24.79	24.94	24.74	25.70
15	QPSK	36	0	23.87	23.92	23.83	24.70
15	QPSK	36	20	23.70	23.95	23.71	24.70
15	QPSK	36	39	23.82	23.80	23.85	24.70
15	QPSK	75	0	23.83	23.93	23.83	24.70



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15	16QAM	1	0	23.74	23.90	23.89	24.70
15	16QAM	1	37	23.79	23.96	23.82	24.70
15	16QAM	1	74	23.92	23.91	23.86	24.70
15	16QAM	36	0	22.85	22.91	22.75	23.70
15	16QAM	36	20	22.78	22.91	22.76	23.70
15	16QAM	36	39	22.72	22.89	22.73	23.70
15	16QAM	75	0	22.78	22.90	22.74	23.70
15	64QAM	1	0	22.73	22.77	22.68	23.70
15	64QAM	1	37	22.74	22.78	22.79	23.70
15	64QAM	1	74	22.85	22.81	22.91	23.70
15	64QAM	36	0	21.74	21.92	21.82	22.70
15	64QAM	36	20	21.63	21.84	21.77	22.70
15	64QAM	36	39	21.82	21.86	21.64	22.70
15	64QAM	75	0	21.77	21.81	21.74	22.70
15	256QAM	1	0	19.63	19.71	19.53	20.70
15	256QAM	1	37	19.72	19.72	19.57	20.70
15	256QAM	1	74	19.59	19.72	19.48	20.70
15	256QAM	36	0	19.72	19.94	19.76	20.70
15	256QAM	36	20	19.75	19.82	19.66	20.70
15	256QAM	36	39	19.75	19.73	19.71	20.70
15	256QAM	75	0	19.77	19.75	19.80	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.93	24.90	24.81	25.70
10	QPSK	1	25	24.74	24.85	24.61	25.70
10	QPSK	1	49	24.89	24.85	24.67	25.70
10	QPSK	25	0	23.87	23.96	23.84	24.70
10	QPSK	25	12	23.77	23.85	23.67	24.70
10	QPSK	25	25	23.81	23.83	23.74	24.70
10	QPSK	50	0	23.74	23.82	23.81	24.70
10	16QAM	1	0	23.81	23.85	23.85	24.70
10	16QAM	1	25	23.80	23.87	23.77	24.70
10	16QAM	1	49	23.93	23.97	23.85	24.70
10	16QAM	25	0	22.87	22.93	22.82	23.70
10	16QAM	25	12	22.74	22.89	22.77	23.70
10	16QAM	25	25	22.74	22.86	22.73	23.70
10	16QAM	50	0	22.78	22.86	22.78	23.70
10	64QAM	1	0	22.72	22.78	22.71	23.70
10	64QAM	1	25	22.64	22.86	22.74	23.70
10	64QAM	1	49	22.81	22.82	22.91	23.70
10	64QAM	25	0	21.73	21.87	21.80	22.70
10	64QAM	25	12	21.70	21.80	21.76	22.70
10	64QAM	25	25	21.83	21.84	21.71	22.70
10	64QAM	50	0	21.72	21.89	21.84	22.70
10	256QAM	1	0	19.72	19.62	19.44	20.70
10	256QAM	1	25	19.67	19.72	19.56	20.70
10	256QAM	1	49	19.54	19.74	19.49	20.70
10	256QAM	25	0	19.76	19.94	19.79	20.70
10	256QAM	25	12	19.83	19.87	19.69	20.70
10	256QAM	25	25	19.80	19.82	19.70	20.70
10	256QAM	50	0	19.81	19.83	19.76	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.83	24.91	24.87	25.70
5	QPSK	1	12	24.73	24.86	24.74	25.70
5	QPSK	1	24	24.92	24.94	24.75	25.70
5	QPSK	12	0	23.85	23.87	23.95	24.70
5	QPSK	12	7	23.78	23.88	23.74	24.70
5	QPSK	12	13	23.84	23.85	23.78	24.70
5	QPSK	25	0	23.82	23.91	23.71	24.70
5	16QAM	1	0	23.78	23.90	23.83	24.70
5	16QAM	1	12	23.80	23.86	23.80	24.70
5	16QAM	1	24	23.87	23.99	23.85	24.70
5	16QAM	12	0	22.79	23.01	22.85	23.70
5	16QAM	12	7	22.77	22.89	22.77	23.70
5	16QAM	12	13	22.73	22.85	22.76	23.70
5	16QAM	25	0	22.72	22.91	22.79	23.70
5	64QAM	1	0	22.76	22.71	22.78	23.70
5	64QAM	1	12	22.64	22.78	22.68	23.70
5	64QAM	1	24	22.80	22.93	22.89	23.70
5	64QAM	12	0	21.77	21.92	21.88	22.70
5	64QAM	12	7	21.70	21.86	21.70	22.70
5	64QAM	12	13	21.70	21.83	21.68	22.70
5	64QAM	25	0	21.76	21.87	21.79	22.70
5	256QAM	1	0	19.66	19.73	19.43	20.70
5	256QAM	1	12	19.73	19.79	19.63	20.70
5	256QAM	1	24	19.63	19.73	19.55	20.70
5	256QAM	12	0	19.72	19.93	19.85	20.70



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5	256QAM	12	7	19.74	19.87	19.65	20.70
5	256QAM	12	13	19.81	19.77	19.64	20.70
5	256QAM	25	0	19.85	19.74	19.82	20.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.82	24.93	24.79	25.70
3	QPSK	1	8	24.67	24.77	24.61	25.70
3	QPSK	1	14	24.84	24.88	24.75	25.70
3	QPSK	8	0	23.92	23.95	23.86	24.70
3	QPSK	8	4	23.80	23.91	23.71	24.70
3	QPSK	8	7	23.72	23.86	23.74	24.70
3	QPSK	15	0	23.71	23.91	23.75	24.70
3	16QAM	1	0	23.84	23.87	23.86	24.70
3	16QAM	1	8	23.79	23.89	23.73	24.70
3	16QAM	1	14	23.90	23.92	23.81	24.70
3	16QAM	8	0	22.82	22.95	22.83	23.70
3	16QAM	8	4	22.81	22.87	22.77	23.70
3	16QAM	8	7	22.78	22.89	22.74	23.70
3	16QAM	15	0	22.84	22.94	22.73	23.70
3	64QAM	1	0	22.75	22.76	22.68	23.70
3	64QAM	1	8	22.74	22.74	22.68	23.70
3	64QAM	1	14	22.72	22.84	22.78	23.70
3	64QAM	8	0	21.77	21.88	21.81	22.70
3	64QAM	8	4	21.62	21.83	21.78	22.70
3	64QAM	8	7	21.78	21.75	21.64	22.70
3	64QAM	15	0	21.80	21.85	21.77	22.70
3	256QAM	1	0	19.74	19.69	19.44	20.70
3	256QAM	1	8	19.70	19.76	19.65	20.70
3	256QAM	1	14	19.64	19.77	19.46	20.70
3	256QAM	8	0	19.70	19.89	19.83	20.70
3	256QAM	8	4	19.75	19.84	19.61	20.70
3	256QAM	8	7	19.76	19.84	19.70	20.70
3	256QAM	15	0	19.83	19.84	19.77	20.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.93	24.99	24.81	25.70
1.4	QPSK	1	3	24.79	24.78	24.61	25.70
1.4	QPSK	1	5	24.92	24.91	24.67	25.70
1.4	QPSK	3	0	24.84	24.94	24.89	25.70
1.4	QPSK	3	1	24.83	24.92	24.74	25.70
1.4	QPSK	3	3	24.74	24.80	24.74	25.70
1.4	QPSK	6	0	23.70	23.85	23.83	24.70
1.4	16QAM	1	0	23.77	23.81	23.84	24.70
1.4	16QAM	1	3	23.69	23.96	23.85	24.70
1.4	16QAM	1	5	23.91	23.91	23.90	24.70
1.4	16QAM	3	0	23.88	24.04	23.77	24.70
1.4	16QAM	3	1	23.71	23.90	23.85	24.70
1.4	16QAM	3	3	23.75	23.84	23.86	24.70
1.4	16QAM	6	0	22.70	22.85	22.75	23.70
1.4	64QAM	1	0	22.68	22.75	22.79	23.70
1.4	64QAM	1	3	22.61	22.82	22.80	23.70
1.4	64QAM	1	5	22.79	22.92	22.87	23.70
1.4	64QAM	3	0	22.73	22.93	22.88	23.70
1.4	64QAM	3	1	22.71	22.87	22.72	23.70
1.4	64QAM	3	3	22.69	22.78	22.74	23.70
1.4	64QAM	6	0	21.75	21.77	21.84	22.70
1.4	256QAM	1	0	19.69	19.61	19.53	20.70
1.4	256QAM	1	3	19.66	19.76	19.61	20.70
1.4	256QAM	1	5	19.62	19.71	19.58	20.70
1.4	256QAM	3	0	19.70	19.87	19.86	20.70
1.4	256QAM	3	1	19.84	19.91	19.56	20.70
1.4	256QAM	3	3	19.80	19.82	19.73	20.70
1.4	256QAM	6	0	19.85	19.74	19.83	20.70



【LTE Band 66_Ant 4_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.79	22.81	22.78	24.50
20	QPSK	1	49	22.58	22.72	22.56	24.50
20	QPSK	1	99	22.69	22.77	22.62	24.50
20	QPSK	50	0	21.66	21.82	21.72	23.50
20	QPSK	50	24	21.64	21.74	21.60	23.50
20	QPSK	50	50	21.65	21.75	21.67	23.50
20	QPSK	100	0	21.68	21.76	21.62	23.50
20	16QAM	1	0	21.73	21.79	21.68	23.50
20	16QAM	1	49	21.66	21.82	21.71	23.50
20	16QAM	1	99	21.82	21.88	21.76	23.50
20	16QAM	50	0	20.71	20.84	20.70	22.50
20	16QAM	50	24	20.69	20.75	20.67	22.50
20	16QAM	50	50	20.64	20.74	20.68	22.50
20	16QAM	100	0	20.61	20.75	20.65	22.50
20	64QAM	1	0	20.54	20.59	20.55	22.50
20	64QAM	1	49	20.57	20.70	20.59	22.50
20	64QAM	1	99	20.66	20.77	20.73	22.50
20	64QAM	50	0	19.65	19.79	19.68	21.50
20	64QAM	50	24	19.59	19.73	19.68	21.50
20	64QAM	50	50	19.66	19.73	19.59	21.50
20	64QAM	100	0	19.65	19.74	19.67	21.50
20	256QAM	1	0	17.54	17.57	17.40	19.50
20	256QAM	1	49	17.60	17.63	17.51	19.50
20	256QAM	1	99	17.51	17.60	17.44	19.50
20	256QAM	50	0	17.66	17.79	17.73	19.50
20	256QAM	50	24	17.68	17.71	17.56	19.50
20	256QAM	50	50	17.62	17.70	17.55	19.50
20	256QAM	100	0	17.70	17.73	17.67	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.75	22.67	22.70	24.50
15	QPSK	1	37	22.51	22.64	22.53	24.50
15	QPSK	1	74	22.57	22.64	22.56	24.50
15	QPSK	36	0	21.60	21.79	21.67	23.50
15	QPSK	36	20	21.54	21.71	21.47	23.50
15	QPSK	36	39	21.54	21.68	21.62	23.50
15	QPSK	75	0	21.62	21.71	21.58	23.50
15	16QAM	1	0	21.67	21.78	21.55	23.50
15	16QAM	1	37	21.55	21.73	21.70	23.50
15	16QAM	1	74	21.80	21.83	21.66	23.50
15	16QAM	36	0	20.66	20.74	20.65	22.50
15	16QAM	36	20	20.65	20.70	20.53	22.50
15	16QAM	36	39	20.62	20.67	20.54	22.50
15	16QAM	75	0	20.53	20.65	20.63	22.50
15	64QAM	1	0	20.42	20.47	20.49	22.50
15	64QAM	1	37	20.50	20.66	20.54	22.50
15	64QAM	1	74	20.64	20.74	20.69	22.50
15	64QAM	36	0	19.63	19.72	19.64	21.50
15	64QAM	36	20	19.45	19.68	19.60	21.50
15	64QAM	36	39	19.54	19.65	19.45	21.50
15	64QAM	75	0	19.53	19.70	19.60	21.50
15	256QAM	1	0	17.43	17.52	17.33	19.50
15	256QAM	1	37	17.45	17.49	17.38	19.50
15	256QAM	1	74	17.39	17.51	17.42	19.50
15	256QAM	36	0	17.52	17.65	17.61	19.50
15	256QAM	36	20	17.61	17.59	17.45	19.50
15	256QAM	36	39	17.48	17.60	17.52	19.50
15	256QAM	75	0	17.62	17.58	17.57	19.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.76	22.77	22.74	24.50
10	QPSK	1	25	22.47	22.62	22.44	24.50
10	QPSK	1	49	22.61	22.66	22.49	24.50
10	QPSK	25	0	21.58	21.67	21.62	23.50
10	QPSK	25	12	21.59	21.60	21.52	23.50
10	QPSK	25	25	21.52	21.71	21.57	23.50
10	QPSK	50	0	21.61	21.63	21.50	23.50
10	16QAM	1	0	21.61	21.71	21.64	23.50
10	16QAM	1	25	21.52	21.70	21.64	23.50
10	16QAM	1	49	21.70	21.83	21.66	23.50
10	16QAM	25	0	20.70	20.82	20.57	22.50



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10	16QAM	25	12	20.61	20.62	20.64	22.50
10	16QAM	25	25	20.60	20.62	20.60	22.50
10	16QAM	50	0	20.51	20.74	20.60	22.50
10	64QAM	1	0	20.44	20.52	20.50	22.50
10	64QAM	1	25	20.45	20.59	20.46	22.50
10	64QAM	1	49	20.56	20.73	20.67	22.50
10	64QAM	25	0	19.61	19.67	19.61	21.50
10	64QAM	25	12	19.48	19.67	19.56	21.50
10	64QAM	25	25	19.61	19.69	19.53	21.50
10	64QAM	50	0	19.61	19.60	19.56	21.50
10	256QAM	1	0	17.46	17.43	17.27	19.50
10	256QAM	1	25	17.54	17.57	17.40	19.50
10	256QAM	1	49	17.39	17.56	17.32	19.50
10	256QAM	25	0	17.60	17.68	17.70	19.50
10	256QAM	25	12	17.55	17.59	17.49	19.50
10	256QAM	25	25	17.53	17.64	17.51	19.50
10	256QAM	50	0	17.61	17.59	17.65	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.78	22.70	22.64	24.50
5	QPSK	1	12	22.48	22.59	22.54	24.50
5	QPSK	1	24	22.55	22.73	22.52	24.50
5	QPSK	12	0	21.52	21.73	21.67	23.50
5	QPSK	12	7	21.54	21.66	21.46	23.50
5	QPSK	12	13	21.60	21.71	21.64	23.50
5	QPSK	25	0	21.55	21.62	21.57	23.50
5	16QAM	1	0	21.64	21.75	21.58	23.50
5	16QAM	1	12	21.61	21.67	21.67	23.50
5	16QAM	1	24	21.77	21.87	21.70	23.50
5	16QAM	12	0	20.58	20.79	20.63	22.50
5	16QAM	12	7	20.55	20.71	20.57	22.50
5	16QAM	12	13	20.59	20.72	20.65	22.50
5	16QAM	25	0	20.54	20.72	20.60	22.50
5	64QAM	1	0	20.44	20.47	20.49	22.50
5	64QAM	1	12	20.48	20.65	20.52	22.50
5	64QAM	1	24	20.61	20.67	20.60	22.50
5	64QAM	12	0	19.56	19.67	19.57	21.50
5	64QAM	12	7	19.48	19.66	19.60	21.50
5	64QAM	12	13	19.63	19.66	19.53	21.50
5	64QAM	25	0	19.50	19.65	19.53	21.50
5	256QAM	1	0	17.47	17.49	17.30	19.50
5	256QAM	1	12	17.50	17.61	17.43	19.50
5	256QAM	1	24	17.39	17.56	17.35	19.50
5	256QAM	12	0	17.60	17.66	17.65	19.50
5	256QAM	12	7	17.67	17.59	17.49	19.50
5	256QAM	12	13	17.57	17.58	17.49	19.50
5	256QAM	25	0	17.59	17.72	17.61	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.73	22.68	22.71	24.50
3	QPSK	1	8	22.53	22.66	22.43	24.50
3	QPSK	1	14	22.56	22.65	22.60	24.50
3	QPSK	8	0	21.62	21.75	21.68	23.50
3	QPSK	8	4	21.55	21.68	21.54	23.50
3	QPSK	8	7	21.52	21.63	21.63	23.50
3	QPSK	15	0	21.55	21.73	21.48	23.50
3	16QAM	1	0	21.62	21.73	21.66	23.50
3	16QAM	1	8	21.63	21.70	21.58	23.50
3	16QAM	1	14	21.78	21.75	21.71	23.50
3	16QAM	8	0	20.63	20.73	20.57	22.50
3	16QAM	8	4	20.59	20.73	20.57	22.50
3	16QAM	8	7	20.62	20.71	20.64	22.50
3	16QAM	15	0	20.59	20.63	20.51	22.50
3	64QAM	1	0	20.39	20.51	20.45	22.50
3	64QAM	1	8	20.48	20.60	20.48	22.50
3	64QAM	1	14	20.60	20.63	20.60	22.50
3	64QAM	8	0	19.55	19.69	19.59	21.50
3	64QAM	8	4	19.45	19.66	19.55	21.50
3	64QAM	8	7	19.62	19.70	19.57	21.50
3	64QAM	15	0	19.59	19.66	19.64	21.50
3	256QAM	1	0	17.41	17.47	17.33	19.50
3	256QAM	1	8	17.56	17.49	17.47	19.50
3	256QAM	1	14	17.41	17.54	17.36	19.50
3	256QAM	8	0	17.51	17.74	17.71	19.50
3	256QAM	8	4	17.54	17.58	17.50	19.50
3	256QAM	8	7	17.53	17.67	17.51	19.50
3	256QAM	15	0	17.65	17.60	17.53	19.50
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.67	22.70	22.74	24.50
1.4	QPSK	1	3	22.56	22.65	22.55	24.50
1.4	QPSK	1	5	22.55	22.66	22.49	24.50
1.4	QPSK	3	0	22.51	22.70	22.65	24.50
1.4	QPSK	3	1	22.62	22.63	22.49	24.50
1.4	QPSK	3	3	22.53	22.62	22.54	24.50
1.4	QPSK	6	0	21.57	21.73	21.54	23.50
1.4	16QAM	1	0	21.59	21.74	21.63	23.50
1.4	16QAM	1	3	21.61	21.67	21.61	23.50
1.4	16QAM	1	5	21.74	21.83	21.70	23.50
1.4	16QAM	3	0	21.64	21.76	21.62	23.50
1.4	16QAM	3	1	21.61	21.67	21.60	23.50
1.4	16QAM	3	3	21.58	21.67	21.64	23.50
1.4	16QAM	6	0	20.50	20.63	20.59	22.50
1.4	64QAM	1	0	20.45	20.55	20.42	22.50
1.4	64QAM	1	3	20.52	20.65	20.56	22.50
1.4	64QAM	1	5	20.65	20.64	20.68	22.50
1.4	64QAM	3	0	20.57	20.78	20.60	22.50
1.4	64QAM	3	1	20.46	20.72	20.56	22.50
1.4	64QAM	3	3	20.52	20.59	20.44	22.50
1.4	64QAM	6	0	19.55	19.65	19.60	21.50
1.4	256QAM	1	0	17.42	17.55	17.36	19.50
1.4	256QAM	1	3	17.47	17.48	17.36	19.50
1.4	256QAM	1	5	17.50	17.49	17.38	19.50
1.4	256QAM	3	0	17.56	17.67	17.62	19.50
1.4	256QAM	3	1	17.61	17.68	17.55	19.50
1.4	256QAM	3	3	17.53	17.61	17.41	19.50
1.4	256QAM	6	0	17.58	17.60	17.58	19.50

【LTE Band 66_Ant 4_ECI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.15	18.18	18.14	19.20
20	QPSK	1	49	17.85	17.93	17.85	19.20
20	QPSK	1	99	17.95	18.02	17.91	19.20
20	QPSK	50	0	18.06	18.10	18.07	19.20
20	QPSK	50	24	17.87	18.04	17.92	19.20
20	QPSK	50	50	17.88	17.99	17.80	19.20
20	QPSK	100	0	17.89	17.97	17.82	19.20
20	16QAM	1	0	17.77	17.94	17.87	19.20
20	16QAM	1	49	17.88	17.98	17.81	19.20
20	16QAM	1	99	17.96	18.00	17.95	19.20
20	16QAM	50	0	17.85	17.96	17.83	19.20
20	16QAM	50	24	17.82	17.94	17.75	19.20
20	16QAM	50	50	17.88	17.92	17.84	19.20
20	16QAM	100	0	17.98	18.05	17.91	19.20
20	64QAM	1	0	17.86	17.99	17.90	19.20
20	64QAM	1	49	17.90	18.03	17.84	19.20
20	64QAM	1	99	17.98	18.02	17.96	19.20
20	64QAM	50	0	17.91	18.00	17.84	19.20
20	64QAM	50	24	17.95	18.04	17.98	19.20
20	64QAM	50	50	17.90	17.97	17.92	19.20
20	64QAM	100	0	17.92	18.04	17.85	19.20
20	256QAM	1	0	17.96	18.05	17.87	19.20
20	256QAM	1	49	17.88	18.01	17.91	19.20
20	256QAM	1	99	17.98	18.04	17.95	19.20
20	256QAM	50	0	18.13	18.18	18.03	19.20
20	256QAM	50	24	17.79	17.93	17.87	19.20
20	256QAM	50	50	17.87	18.02	17.91	19.20
20	256QAM	100	0	17.93	18.03	17.93	19.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.02	18.14	18.11	19.20
15	QPSK	1	37	17.74	17.89	17.83	19.20
15	QPSK	1	74	17.91	17.98	17.87	19.20
15	QPSK	36	0	17.95	18.07	18.00	19.20
15	QPSK	36	20	17.77	17.97	17.81	19.20
15	QPSK	36	39	17.79	17.91	17.78	19.20
15	QPSK	75	0	17.84	17.84	17.76	19.20



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15	16QAM	1	0	17.69	17.86	17.81	19.20
15	16QAM	1	37	17.85	17.87	17.77	19.20
15	16QAM	1	74	17.92	17.93	17.90	19.20
15	16QAM	36	0	17.77	17.95	17.70	19.20
15	16QAM	36	20	17.74	17.86	17.69	19.20
15	16QAM	36	39	17.87	17.80	17.80	19.20
15	16QAM	75	0	17.92	17.97	17.85	19.20
15	64QAM	1	0	17.74	17.92	17.84	19.20
15	64QAM	1	37	17.85	17.99	17.69	19.20
15	64QAM	1	74	17.88	17.93	17.88	19.20
15	64QAM	36	0	17.77	17.94	17.75	19.20
15	64QAM	36	20	17.87	17.94	17.91	19.20
15	64QAM	36	39	17.79	17.88	17.83	19.20
15	64QAM	75	0	17.90	18.00	17.83	19.20
15	256QAM	1	0	17.82	18.00	17.84	19.20
15	256QAM	1	37	17.76	17.98	17.79	19.20
15	256QAM	1	74	17.91	17.93	17.85	19.20
15	256QAM	36	0	18.06	18.07	17.88	19.20
15	256QAM	36	20	17.74	17.82	17.80	19.20
15	256QAM	36	39	17.76	17.90	17.84	19.20
15	256QAM	75	0	17.87	18.01	17.81	19.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.08	18.08	18.09	19.20
10	QPSK	1	25	17.84	17.87	17.71	19.20
10	QPSK	1	49	17.91	17.96	17.85	19.20
10	QPSK	25	0	18.01	18.02	17.99	19.20
10	QPSK	25	12	17.73	17.97	17.91	19.20
10	QPSK	25	25	17.74	17.94	17.77	19.20
10	QPSK	50	0	17.86	17.85	17.77	19.20
10	16QAM	1	0	17.70	17.89	17.82	19.20
10	16QAM	1	25	17.79	17.88	17.70	19.20
10	16QAM	1	49	17.83	17.87	17.91	19.20
10	16QAM	25	0	17.75	17.89	17.75	19.20
10	16QAM	25	12	17.78	17.89	17.70	19.20
10	16QAM	25	25	17.81	17.90	17.69	19.20
10	16QAM	50	0	17.90	17.92	17.78	19.20
10	64QAM	1	0	17.74	17.92	17.75	19.20
10	64QAM	1	25	17.86	17.96	17.71	19.20
10	64QAM	1	49	17.95	17.99	17.93	19.20
10	64QAM	25	0	17.84	17.86	17.76	19.20
10	64QAM	25	12	17.88	17.89	17.95	19.20
10	64QAM	25	25	17.81	17.95	17.82	19.20
10	64QAM	50	0	17.78	17.92	17.71	19.20
10	256QAM	1	0	17.85	18.01	17.72	19.20
10	256QAM	1	25	17.83	17.99	17.88	19.20
10	256QAM	1	49	17.89	18.03	17.86	19.20
10	256QAM	25	0	18.10	18.09	17.89	19.20
10	256QAM	25	12	17.68	17.85	17.76	19.20
10	256QAM	25	25	17.82	17.99	17.88	19.20
10	256QAM	50	0	17.89	17.98	17.82	19.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.10	18.17	18.00	19.20
5	QPSK	1	12	17.76	17.82	17.83	19.20
5	QPSK	1	24	17.84	18.00	17.89	19.20
5	QPSK	12	0	17.95	18.05	17.94	19.20
5	QPSK	12	7	17.86	17.97	17.80	19.20
5	QPSK	12	13	17.74	17.95	17.73	19.20
5	QPSK	25	0	17.78	17.86	17.74	19.20
5	16QAM	1	0	17.72	17.90	17.78	19.20
5	16QAM	1	12	17.83	17.91	17.71	19.20
5	16QAM	1	24	17.87	17.94	17.91	19.20
5	16QAM	12	0	17.71	17.92	17.79	19.20
5	16QAM	12	7	17.71	17.92	17.69	19.20
5	16QAM	12	13	17.84	17.90	17.69	19.20
5	16QAM	25	0	17.86	17.94	17.84	19.20
5	64QAM	1	0	17.75	17.86	17.81	19.20
5	64QAM	1	12	17.88	17.90	17.70	19.20
5	64QAM	1	24	17.94	17.90	17.89	19.20
5	64QAM	12	0	17.82	17.96	17.82	19.20
5	64QAM	12	7	17.89	17.99	17.83	19.20
5	64QAM	12	13	17.87	17.87	17.80	19.20
5	64QAM	25	0	17.79	17.96	17.78	19.20
5	256QAM	1	0	17.89	18.01	17.85	19.20
5	256QAM	1	12	17.87	17.95	17.80	19.20
5	256QAM	1	24	17.96	18.00	17.91	19.20
5	256QAM	12	0	18.04	18.13	17.92	19.20



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5	256QAM	12	7	17.72	17.82	17.84	19.20
5	256QAM	12	13	17.77	17.92	17.79	19.20
5	256QAM	25	0	17.83	17.93	17.91	19.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.05	18.07	18.07	19.20
3	QPSK	1	8	17.74	17.86	17.74	19.20
3	QPSK	1	14	17.81	17.89	17.79	19.20
3	QPSK	8	0	18.01	18.05	18.03	19.20
3	QPSK	8	4	17.82	18.01	17.88	19.20
3	QPSK	8	7	17.78	17.86	17.67	19.20
3	QPSK	15	0	17.87	17.94	17.73	19.20
3	16QAM	1	0	17.66	17.86	17.75	19.20
3	16QAM	1	8	17.77	17.91	17.80	19.20
3	16QAM	1	14	17.90	17.92	17.82	19.20
3	16QAM	8	0	17.80	17.90	17.75	19.20
3	16QAM	8	4	17.68	17.93	17.67	19.20
3	16QAM	8	7	17.79	17.84	17.75	19.20
3	16QAM	15	0	17.93	17.93	17.86	19.20
3	64QAM	1	0	17.73	17.92	17.89	19.20
3	64QAM	1	8	17.84	18.00	17.82	19.20
3	64QAM	1	14	17.97	17.95	17.81	19.20
3	64QAM	8	0	17.78	17.89	17.76	19.20
3	64QAM	8	4	17.90	17.91	17.85	19.20
3	64QAM	8	7	17.82	17.92	17.80	19.20
3	64QAM	15	0	17.87	18.01	17.77	19.20
3	256QAM	1	0	17.90	17.92	17.77	19.20
3	256QAM	1	8	17.74	17.96	17.86	19.20
3	256QAM	1	14	17.90	17.93	17.84	19.20
3	256QAM	8	0	18.03	18.10	17.94	19.20
3	256QAM	8	4	17.67	17.89	17.81	19.20
3	256QAM	8	7	17.76	17.92	17.85	19.20
3	256QAM	15	0	17.80	17.94	17.86	19.20
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.12	18.07	18.04	19.20
1.4	QPSK	1	3	17.75	17.85	17.84	19.20
1.4	QPSK	1	5	17.89	17.98	17.82	19.20
1.4	QPSK	3	0	17.94	18.03	18.01	19.20
1.4	QPSK	3	1	17.86	17.99	17.87	19.20
1.4	QPSK	3	3	17.80	17.86	17.78	19.20
1.4	QPSK	6	0	17.82	17.94	17.73	19.20
1.4	16QAM	1	0	17.68	17.89	17.75	19.20
1.4	16QAM	1	3	17.79	17.88	17.73	19.20
1.4	16QAM	1	5	17.93	17.88	17.90	19.20
1.4	16QAM	3	0	17.71	17.91	17.71	19.20
1.4	16QAM	3	1	17.75	17.84	17.69	19.20
1.4	16QAM	3	3	17.86	17.83	17.74	19.20
1.4	16QAM	6	0	17.94	17.94	17.89	19.20
1.4	64QAM	1	0	17.74	17.89	17.87	19.20
1.4	64QAM	1	3	17.77	17.94	17.82	19.20
1.4	64QAM	1	5	17.94	17.95	17.85	19.20
1.4	64QAM	3	0	17.86	17.86	17.70	19.20
1.4	64QAM	3	1	17.83	18.02	17.97	19.20
1.4	64QAM	3	3	17.77	17.89	17.91	19.20
1.4	64QAM	6	0	17.86	17.98	17.77	19.20
1.4	256QAM	1	0	17.92	17.94	17.75	19.20
1.4	256QAM	1	3	17.77	17.96	17.87	19.20
1.4	256QAM	1	5	17.92	17.93	17.86	19.20
1.4	256QAM	3	0	18.07	18.08	17.94	19.20
1.4	256QAM	3	1	17.72	17.84	17.84	19.20
1.4	256QAM	3	3	17.81	17.99	17.84	19.20
1.4	256QAM	6	0	17.83	17.93	17.87	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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.96	18.03	17.99	18.70
20	QPSK	1	49	17.83	17.98	17.80	18.70
20	QPSK	1	99	17.75	17.92	17.85	18.70
20	QPSK	50	0	17.90	18.01	17.91	18.70
20	QPSK	50	24	17.73	17.89	17.81	18.70
20	QPSK	50	50	17.78	17.89	17.71	18.70
20	QPSK	100	0	17.92	18.00	17.96	18.70
20	16QAM	1	0	17.75	17.90	17.84	18.70
20	16QAM	1	49	17.71	17.91	17.79	18.70
20	16QAM	1	99	17.78	17.89	17.74	18.70
20	16QAM	50	0	17.68	17.89	17.73	18.70
20	16QAM	50	24	17.69	17.79	17.68	18.70
20	16QAM	50	50	17.77	17.89	17.81	18.70
20	16QAM	100	0	17.62	17.80	17.70	18.70
20	64QAM	1	0	17.61	17.78	17.72	18.70
20	64QAM	1	49	17.66	17.78	17.66	18.70
20	64QAM	1	99	17.70	17.86	17.73	18.70
20	64QAM	50	0	17.68	17.78	17.69	18.70
20	64QAM	50	24	17.81	17.93	17.81	18.70
20	64QAM	50	50	17.65	17.84	17.70	18.70
20	64QAM	100	0	17.61	17.78	17.63	18.70
20	256QAM	1	0	17.64	17.84	17.71	18.70
20	256QAM	1	49	17.76	17.86	17.80	18.70
20	256QAM	1	99	17.80	17.90	17.77	18.70
20	256QAM	50	0	17.74	17.89	17.82	18.70
20	256QAM	50	24	17.67	17.80	17.62	18.70
20	256QAM	50	50	17.77	17.89	17.79	18.70
20	256QAM	100	0	17.74	17.90	17.73	18.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.87	17.96	17.94	18.70
15	QPSK	1	37	17.79	17.95	17.72	18.70
15	QPSK	1	74	17.71	17.89	17.71	18.70
15	QPSK	36	0	17.75	17.83	17.87	18.70
15	QPSK	36	20	17.70	17.86	17.68	18.70
15	QPSK	36	39	17.76	17.80	17.65	18.70
15	QPSK	75	0	17.77	17.88	17.87	18.70
15	16QAM	1	0	17.62	17.82	17.76	18.70
15	16QAM	1	37	17.63	17.79	17.68	18.70
15	16QAM	1	74	17.68	17.88	17.71	18.70
15	16QAM	36	0	17.57	17.77	17.71	18.70
15	16QAM	36	20	17.54	17.76	17.63	18.70
15	16QAM	36	39	17.67	17.78	17.68	18.70
15	16QAM	75	0	17.48	17.66	17.58	18.70
15	64QAM	1	0	17.51	17.65	17.64	18.70
15	64QAM	1	37	17.53	17.75	17.64	18.70
15	64QAM	1	74	17.55	17.78	17.63	18.70
15	64QAM	36	0	17.57	17.77	17.68	18.70
15	64QAM	36	20	17.76	17.91	17.76	18.70
15	64QAM	36	39	17.61	17.79	17.62	18.70
15	64QAM	75	0	17.56	17.70	17.60	18.70
15	256QAM	1	0	17.57	17.77	17.66	18.70
15	256QAM	1	37	17.65	17.72	17.69	18.70
15	256QAM	1	74	17.74	17.81	17.76	18.70
15	256QAM	36	0	17.61	17.86	17.73	18.70
15	256QAM	36	20	17.53	17.77	17.54	18.70
15	256QAM	36	39	17.64	17.77	17.75	18.70
15	256QAM	75	0	17.67	17.78	17.60	18.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.92	18.01	17.87	18.70
10	QPSK	1	25	17.79	17.93	17.73	18.70
10	QPSK	1	49	17.67	17.85	17.78	18.70
10	QPSK	25	0	17.85	17.95	17.85	18.70
10	QPSK	25	12	17.67	17.76	17.74	18.70
10	QPSK	25	25	17.68	17.81	17.66	18.70
10	QPSK	50	0	17.77	17.92	17.91	18.70
10	16QAM	1	0	17.65	17.87	17.71	18.70
10	16QAM	1	25	17.65	17.80	17.77	18.70
10	16QAM	1	49	17.69	17.87	17.69	18.70
10	16QAM	25	0	17.54	17.80	17.66	18.70



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10	16QAM	25	12	17.66	17.77	17.58	18.70
10	16QAM	25	25	17.73	17.87	17.69	18.70
10	16QAM	50	0	17.52	17.71	17.59	18.70
10	64QAM	1	0	17.53	17.64	17.71	18.70
10	64QAM	1	25	17.59	17.73	17.53	18.70
10	64QAM	1	49	17.65	17.76	17.64	18.70
10	64QAM	25	0	17.57	17.73	17.56	18.70
10	64QAM	25	12	17.74	17.90	17.74	18.70
10	64QAM	25	25	17.58	17.82	17.56	18.70
10	64QAM	50	0	17.49	17.77	17.56	18.70
10	256QAM	1	0	17.51	17.83	17.56	18.70
10	256QAM	1	25	17.63	17.78	17.77	18.70
10	256QAM	1	49	17.75	17.79	17.62	18.70
10	256QAM	25	0	17.72	17.77	17.68	18.70
10	256QAM	25	12	17.52	17.79	17.50	18.70
10	256QAM	25	25	17.76	17.85	17.67	18.70
10	256QAM	50	0	17.70	17.80	17.59	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.83	17.94	17.85	18.70
5	QPSK	1	12	17.73	17.84	17.78	18.70
5	QPSK	1	24	17.61	17.87	17.75	18.70
5	QPSK	12	0	17.88	17.92	17.81	18.70
5	QPSK	12	7	17.58	17.80	17.77	18.70
5	QPSK	12	13	17.66	17.87	17.59	18.70
5	QPSK	25	0	17.80	17.92	17.93	18.70
5	16QAM	1	0	17.67	17.83	17.80	18.70
5	16QAM	1	12	17.67	17.83	17.75	18.70
5	16QAM	1	24	17.64	17.80	17.73	18.70
5	16QAM	12	0	17.61	17.75	17.60	18.70
5	16QAM	12	7	17.57	17.68	17.59	18.70
5	16QAM	12	13	17.72	17.82	17.74	18.70
5	16QAM	25	0	17.55	17.73	17.63	18.70
5	64QAM	1	0	17.58	17.69	17.60	18.70
5	64QAM	1	12	17.60	17.68	17.62	18.70
5	64QAM	1	24	17.59	17.75	17.64	18.70
5	64QAM	12	0	17.61	17.70	17.67	18.70
5	64QAM	12	7	17.77	17.82	17.76	18.70
5	64QAM	12	13	17.51	17.71	17.59	18.70
5	64QAM	25	0	17.51	17.75	17.55	18.70
5	256QAM	1	0	17.55	17.74	17.64	18.70
5	256QAM	1	12	17.70	17.83	17.69	18.70
5	256QAM	1	24	17.69	17.87	17.73	18.70
5	256QAM	12	0	17.62	17.85	17.79	18.70
5	256QAM	12	7	17.53	17.70	17.55	18.70
5	256QAM	12	13	17.72	17.88	17.69	18.70
5	256QAM	25	0	17.66	17.88	17.60	18.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.89	17.94	17.86	18.70
3	QPSK	1	8	17.80	17.86	17.67	18.70
3	QPSK	1	14	17.63	17.79	17.83	18.70
3	QPSK	8	0	17.85	17.92	17.76	18.70
3	QPSK	8	4	17.66	17.87	17.71	18.70
3	QPSK	8	7	17.67	17.81	17.70	18.70
3	QPSK	15	0	17.88	17.92	17.90	18.70
3	16QAM	1	0	17.72	17.78	17.73	18.70
3	16QAM	1	8	17.69	17.88	17.74	18.70
3	16QAM	1	14	17.74	17.82	17.71	18.70
3	16QAM	8	0	17.54	17.75	17.66	18.70
3	16QAM	8	4	17.59	17.74	17.62	18.70
3	16QAM	8	7	17.73	17.87	17.73	18.70
3	16QAM	15	0	17.59	17.66	17.62	18.70
3	64QAM	1	0	17.54	17.65	17.70	18.70
3	64QAM	1	8	17.64	17.76	17.56	18.70
3	64QAM	1	14	17.64	17.75	17.60	18.70
3	64QAM	8	0	17.54	17.72	17.63	18.70
3	64QAM	8	4	17.73	17.91	17.67	18.70
3	64QAM	8	7	17.62	17.71	17.68	18.70
3	64QAM	15	0	17.52	17.75	17.52	18.70
3	256QAM	1	0	17.51	17.74	17.63	18.70
3	256QAM	1	8	17.61	17.83	17.71	18.70
3	256QAM	1	14	17.78	17.82	17.62	18.70
3	256QAM	8	0	17.73	17.82	17.80	18.70
3	256QAM	8	4	17.58	17.70	17.58	18.70
3	256QAM	8	7	17.71	17.86	17.66	18.70
3	256QAM	15	0	17.71	17.76	17.66	18.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.88	17.98	17.98	18.70
1.4	QPSK	1	3	17.80	17.86	17.72	18.70
1.4	QPSK	1	5	17.72	17.81	17.76	18.70
1.4	QPSK	3	0	17.77	17.84	17.81	18.70
1.4	QPSK	3	1	17.61	17.81	17.77	18.70
1.4	QPSK	3	3	17.70	17.77	17.68	18.70
1.4	QPSK	6	0	17.90	17.96	17.91	18.70
1.4	16QAM	1	0	17.65	17.77	17.79	18.70
1.4	16QAM	1	3	17.66	17.89	17.70	18.70
1.4	16QAM	1	5	17.74	17.81	17.64	18.70
1.4	16QAM	3	0	17.58	17.78	17.70	18.70
1.4	16QAM	3	1	17.58	17.74	17.62	18.70
1.4	16QAM	3	3	17.72	17.75	17.67	18.70
1.4	16QAM	6	0	17.50	17.72	17.69	18.70
1.4	64QAM	1	0	17.57	17.73	17.69	18.70
1.4	64QAM	1	3	17.64	17.76	17.62	18.70
1.4	64QAM	1	5	17.59	17.77	17.72	18.70
1.4	64QAM	3	0	17.55	17.77	17.60	18.70
1.4	64QAM	3	1	17.77	17.78	17.78	18.70
1.4	64QAM	3	3	17.52	17.76	17.65	18.70
1.4	64QAM	6	0	17.53	17.64	17.60	18.70
1.4	256QAM	1	0	17.57	17.73	17.66	18.70
1.4	256QAM	1	3	17.65	17.84	17.73	18.70
1.4	256QAM	1	5	17.72	17.84	17.63	18.70
1.4	256QAM	3	0	17.60	17.80	17.72	18.70
1.4	256QAM	3	1	17.57	17.68	17.51	18.70
1.4	256QAM	3	3	17.64	17.85	17.77	18.70
1.4	256QAM	6	0	17.59	17.81	17.67	18.70

【LTE Band 66_Ant 4_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.80	17.85	17.83	19.50
20	QPSK	1	49	17.53	17.63	17.47	19.50
20	QPSK	1	99	17.66	17.76	17.65	19.50
20	QPSK	50	0	17.76	17.81	17.73	19.50
20	QPSK	50	24	17.69	17.78	17.75	19.50
20	QPSK	50	50	17.56	17.65	17.62	19.50
20	QPSK	100	0	17.69	17.71	17.68	19.50
20	16QAM	1	0	17.56	17.69	17.56	19.50
20	16QAM	1	49	17.56	17.64	17.56	19.50
20	16QAM	1	99	17.50	17.65	17.59	19.50
20	16QAM	50	0	17.61	17.72	17.55	19.50
20	16QAM	50	24	17.41	17.58	17.44	19.50
20	16QAM	50	50	17.55	17.64	17.50	19.50
20	16QAM	100	0	17.53	17.61	17.58	19.50
20	64QAM	1	0	17.46	17.58	17.49	19.50
20	64QAM	1	49	17.48	17.57	17.51	19.50
20	64QAM	1	99	17.60	17.70	17.62	19.50
20	64QAM	50	0	17.58	17.71	17.66	19.50
20	64QAM	50	24	17.61	17.67	17.61	19.50
20	64QAM	50	50	17.54	17.62	17.49	19.50
20	64QAM	100	0	17.56	17.72	17.57	19.50
20	256QAM	1	0	17.48	17.67	17.54	19.50
20	256QAM	1	49	17.61	17.73	17.58	19.50
20	256QAM	1	99	17.42	17.59	17.46	19.50
20	256QAM	50	0	17.59	17.68	17.52	19.50
20	256QAM	50	24	17.51	17.63	17.55	19.50
20	256QAM	50	50	17.59	17.69	17.59	19.50
20	256QAM	100	0	17.60	17.70	17.60	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.75	17.75	17.81	19.50
15	QPSK	1	37	17.44	17.58	17.41	19.50
15	QPSK	1	74	17.56	17.67	17.54	19.50
15	QPSK	36	0	17.67	17.68	17.62	19.50
15	QPSK	36	20	17.58	17.76	17.74	19.50
15	QPSK	36	39	17.50	17.54	17.51	19.50
15	QPSK	75	0	17.61	17.59	17.63	19.50



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15	16QAM	1	0	17.53	17.56	17.53	19.50
15	16QAM	1	37	17.46	17.58	17.46	19.50
15	16QAM	1	74	17.45	17.61	17.56	19.50
15	16QAM	36	0	17.57	17.66	17.53	19.50
15	16QAM	36	20	17.26	17.54	17.40	19.50
15	16QAM	36	39	17.50	17.63	17.41	19.50
15	16QAM	75	0	17.43	17.51	17.53	19.50
15	64QAM	1	0	17.35	17.53	17.45	19.50
15	64QAM	1	37	17.45	17.52	17.44	19.50
15	64QAM	1	74	17.59	17.58	17.50	19.50
15	64QAM	36	0	17.54	17.58	17.63	19.50
15	64QAM	36	20	17.48	17.58	17.59	19.50
15	64QAM	36	39	17.48	17.47	17.35	19.50
15	64QAM	75	0	17.51	17.68	17.53	19.50
15	256QAM	1	0	17.41	17.52	17.49	19.50
15	256QAM	1	37	17.58	17.62	17.49	19.50
15	256QAM	1	74	17.41	17.46	17.33	19.50
15	256QAM	36	0	17.48	17.57	17.49	19.50
15	256QAM	36	20	17.37	17.59	17.53	19.50
15	256QAM	36	39	17.48	17.65	17.46	19.50
15	256QAM	75	0	17.49	17.62	17.57	19.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.72	17.80	17.81	19.50
10	QPSK	1	25	17.47	17.51	17.45	19.50
10	QPSK	1	49	17.55	17.69	17.58	19.50
10	QPSK	25	0	17.74	17.72	17.61	19.50
10	QPSK	25	12	17.59	17.65	17.61	19.50
10	QPSK	25	25	17.42	17.51	17.49	19.50
10	QPSK	50	0	17.65	17.65	17.60	19.50
10	16QAM	1	0	17.48	17.59	17.52	19.50
10	16QAM	1	25	17.51	17.49	17.44	19.50
10	16QAM	1	49	17.45	17.51	17.50	19.50
10	16QAM	25	0	17.53	17.64	17.44	19.50
10	16QAM	25	12	17.40	17.48	17.32	19.50
10	16QAM	25	25	17.52	17.55	17.43	19.50
10	16QAM	50	0	17.51	17.57	17.47	19.50
10	64QAM	1	0	17.43	17.55	17.41	19.50
10	64QAM	1	25	17.41	17.48	17.40	19.50
10	64QAM	1	49	17.46	17.66	17.49	19.50
10	64QAM	25	0	17.49	17.65	17.62	19.50
10	64QAM	25	12	17.53	17.65	17.50	19.50
10	64QAM	25	25	17.46	17.56	17.48	19.50
10	64QAM	50	0	17.49	17.58	17.54	19.50
10	256QAM	1	0	17.41	17.53	17.44	19.50
10	256QAM	1	25	17.54	17.58	17.50	19.50
10	256QAM	1	49	17.29	17.49	17.44	19.50
10	256QAM	25	0	17.53	17.60	17.45	19.50
10	256QAM	25	12	17.37	17.58	17.52	19.50
10	256QAM	25	25	17.46	17.68	17.51	19.50
10	256QAM	50	0	17.49	17.56	17.49	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.78	17.77	17.69	19.50
5	QPSK	1	12	17.50	17.56	17.38	19.50
5	QPSK	1	24	17.53	17.64	17.58	19.50
5	QPSK	12	0	17.74	17.70	17.67	19.50
5	QPSK	12	7	17.57	17.72	17.74	19.50
5	QPSK	12	13	17.43	17.61	17.54	19.50
5	QPSK	25	0	17.66	17.65	17.60	19.50
5	16QAM	1	0	17.51	17.59	17.48	19.50
5	16QAM	1	12	17.46	17.55	17.54	19.50
5	16QAM	1	24	17.39	17.50	17.47	19.50
5	16QAM	12	0	17.52	17.60	17.52	19.50
5	16QAM	12	7	17.39	17.46	17.40	19.50
5	16QAM	12	13	17.41	17.61	17.39	19.50
5	16QAM	25	0	17.45	17.49	17.46	19.50
5	64QAM	1	0	17.34	17.43	17.45	19.50
5	64QAM	1	12	17.41	17.45	17.40	19.50
5	64QAM	1	24	17.57	17.66	17.53	19.50
5	64QAM	12	0	17.44	17.60	17.64	19.50
5	64QAM	12	7	17.52	17.54	17.47	19.50
5	64QAM	12	13	17.46	17.53	17.38	19.50
5	64QAM	25	0	17.42	17.70	17.47	19.50
5	256QAM	1	0	17.44	17.62	17.51	19.50
5	256QAM	1	12	17.55	17.66	17.45	19.50
5	256QAM	1	24	17.28	17.47	17.40	19.50
5	256QAM	12	0	17.57	17.61	17.38	19.50



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5	256QAM	12	7	17.44	17.52	17.51	19.50
5	256QAM	12	13	17.55	17.66	17.44	19.50
5	256QAM	25	0	17.54	17.60	17.49	19.50
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.73	17.70	17.80	19.50
3	QPSK	1	8	17.50	17.60	17.45	19.50
3	QPSK	1	14	17.57	17.62	17.63	19.50
3	QPSK	8	0	17.61	17.70	17.68	19.50
3	QPSK	8	4	17.55	17.71	17.74	19.50
3	QPSK	8	7	17.46	17.56	17.55	19.50
3	QPSK	15	0	17.62	17.56	17.65	19.50
3	16QAM	1	0	17.52	17.59	17.48	19.50
3	16QAM	1	8	17.46	17.57	17.44	19.50
3	16QAM	1	14	17.42	17.61	17.52	19.50
3	16QAM	8	0	17.51	17.70	17.50	19.50
3	16QAM	8	4	17.30	17.56	17.29	19.50
3	16QAM	8	7	17.48	17.51	17.40	19.50
3	16QAM	15	0	17.46	17.52	17.56	19.50
3	64QAM	1	0	17.43	17.49	17.39	19.50
3	64QAM	1	8	17.34	17.44	17.44	19.50
3	64QAM	1	14	17.47	17.66	17.59	19.50
3	64QAM	8	0	17.56	17.64	17.56	19.50
3	64QAM	8	4	17.49	17.63	17.47	19.50
3	64QAM	8	7	17.43	17.52	17.34	19.50
3	64QAM	15	0	17.50	17.57	17.52	19.50
3	256QAM	1	0	17.37	17.58	17.53	19.50
3	256QAM	1	8	17.57	17.67	17.55	19.50
3	256QAM	1	14	17.31	17.55	17.33	19.50
3	256QAM	8	0	17.47	17.56	17.39	19.50
3	256QAM	8	4	17.47	17.50	17.46	19.50
3	256QAM	8	7	17.57	17.55	17.56	19.50
3	256QAM	15	0	17.51	17.66	17.53	19.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.77	17.77	17.68	19.50
1.4	QPSK	1	3	17.40	17.56	17.37	19.50
1.4	QPSK	1	5	17.65	17.64	17.59	19.50
1.4	QPSK	3	0	17.65	17.77	17.71	19.50
1.4	QPSK	3	1	17.64	17.72	17.67	19.50
1.4	QPSK	3	3	17.48	17.63	17.49	19.50
1.4	QPSK	6	0	17.57	17.69	17.62	19.50
1.4	16QAM	1	0	17.52	17.58	17.54	19.50
1.4	16QAM	1	3	17.50	17.55	17.45	19.50
1.4	16QAM	1	5	17.48	17.51	17.44	19.50
1.4	16QAM	3	0	17.50	17.59	17.45	19.50
1.4	16QAM	3	1	17.32	17.51	17.39	19.50
1.4	16QAM	3	3	17.49	17.56	17.48	19.50
1.4	16QAM	6	0	17.50	17.49	17.51	19.50
1.4	64QAM	1	0	17.40	17.43	17.44	19.50
1.4	64QAM	1	3	17.35	17.48	17.49	19.50
1.4	64QAM	1	5	17.58	17.64	17.50	19.50
1.4	64QAM	3	0	17.47	17.67	17.57	19.50
1.4	64QAM	3	1	17.58	17.54	17.51	19.50
1.4	64QAM	3	3	17.40	17.57	17.46	19.50
1.4	64QAM	6	0	17.47	17.57	17.56	19.50
1.4	256QAM	1	0	17.44	17.53	17.52	19.50
1.4	256QAM	1	3	17.49	17.70	17.52	19.50
1.4	256QAM	1	5	17.38	17.56	17.36	19.50
1.4	256QAM	3	0	17.53	17.59	17.51	19.50
1.4	256QAM	3	1	17.46	17.57	17.53	19.50
1.4	256QAM	3	3	17.46	17.60	17.48	19.50
1.4	256QAM	6	0	17.53	17.66	17.59	19.50



【LTE Band 66_Ant 4_ECI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.15	18.18	18.14	19.20
20	QPSK	1	49	17.85	17.93	17.85	19.20
20	QPSK	1	99	17.95	18.02	17.91	19.20
20	QPSK	50	0	18.06	18.10	18.07	19.20
20	QPSK	50	24	17.87	18.04	17.92	19.20
20	QPSK	50	50	17.88	17.99	17.80	19.20
20	QPSK	100	0	17.89	17.97	17.82	19.20
20	16QAM	1	0	17.77	17.94	17.87	19.20
20	16QAM	1	49	17.88	17.98	17.81	19.20
20	16QAM	1	99	17.96	18.00	17.95	19.20
20	16QAM	50	0	17.85	17.96	17.83	19.20
20	16QAM	50	24	17.82	17.94	17.75	19.20
20	16QAM	50	50	17.88	17.92	17.84	19.20
20	16QAM	100	0	17.98	18.05	17.91	19.20
20	64QAM	1	0	17.86	17.99	17.90	19.20
20	64QAM	1	49	17.90	18.03	17.84	19.20
20	64QAM	1	99	17.98	18.02	17.96	19.20
20	64QAM	50	0	17.91	18.00	17.84	19.20
20	64QAM	50	24	17.95	18.04	17.98	19.20
20	64QAM	50	50	17.90	17.97	17.92	19.20
20	64QAM	100	0	17.92	18.04	17.85	19.20
20	256QAM	1	0	17.96	18.05	17.87	19.20
20	256QAM	1	49	17.88	18.01	17.91	19.20
20	256QAM	1	99	17.98	18.04	17.95	19.20
20	256QAM	50	0	18.13	18.18	18.03	19.20
20	256QAM	50	24	17.79	17.93	17.87	19.20
20	256QAM	50	50	17.87	18.02	17.91	19.20
20	256QAM	100	0	17.93	18.03	17.93	19.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.02	18.14	18.11	19.20
15	QPSK	1	37	17.74	17.89	17.83	19.20
15	QPSK	1	74	17.91	17.98	17.87	19.20
15	QPSK	36	0	17.95	18.07	18.00	19.20
15	QPSK	36	20	17.77	17.97	17.81	19.20
15	QPSK	36	39	17.79	17.91	17.78	19.20
15	QPSK	75	0	17.84	17.84	17.76	19.20
15	16QAM	1	0	17.69	17.86	17.81	19.20
15	16QAM	1	37	17.85	17.87	17.77	19.20
15	16QAM	1	74	17.92	17.93	17.90	19.20
15	16QAM	36	0	17.77	17.95	17.70	19.20
15	16QAM	36	20	17.74	17.86	17.69	19.20
15	16QAM	36	39	17.87	17.80	17.80	19.20
15	16QAM	75	0	17.92	17.97	17.85	19.20
15	64QAM	1	0	17.74	17.92	17.84	19.20
15	64QAM	1	37	17.85	17.99	17.69	19.20
15	64QAM	1	74	17.88	17.93	17.88	19.20
15	64QAM	36	0	17.77	17.94	17.75	19.20
15	64QAM	36	20	17.87	17.94	17.91	19.20
15	64QAM	36	39	17.79	17.88	17.83	19.20
15	64QAM	75	0	17.90	18.00	17.83	19.20
15	256QAM	1	0	17.82	18.00	17.84	19.20
15	256QAM	1	37	17.76	17.98	17.79	19.20
15	256QAM	1	74	17.91	17.93	17.85	19.20
15	256QAM	36	0	18.06	18.07	17.88	19.20
15	256QAM	36	20	17.74	17.82	17.80	19.20
15	256QAM	36	39	17.76	17.90	17.84	19.20
15	256QAM	75	0	17.87	18.01	17.81	19.20
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.08	18.08	18.09	19.20
10	QPSK	1	25	17.84	17.87	17.71	19.20
10	QPSK	1	49	17.91	17.96	17.85	19.20
10	QPSK	25	0	18.01	18.02	17.99	19.20
10	QPSK	25	12	17.73	17.97	17.91	19.20
10	QPSK	25	25	17.74	17.94	17.77	19.20
10	QPSK	50	0	17.86	17.85	17.77	19.20
10	16QAM	1	0	17.70	17.89	17.82	19.20
10	16QAM	1	25	17.79	17.88	17.70	19.20
10	16QAM	1	49	17.83	17.87	17.91	19.20
10	16QAM	25	0	17.75	17.89	17.75	19.20



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10	16QAM	25	12	17.78	17.89	17.70	19.20
10	16QAM	25	25	17.81	17.90	17.69	19.20
10	16QAM	50	0	17.90	17.92	17.78	19.20
10	64QAM	1	0	17.74	17.92	17.75	19.20
10	64QAM	1	25	17.86	17.96	17.71	19.20
10	64QAM	1	49	17.95	17.99	17.93	19.20
10	64QAM	25	0	17.84	17.86	17.76	19.20
10	64QAM	25	12	17.88	17.89	17.95	19.20
10	64QAM	25	25	17.81	17.95	17.82	19.20
10	64QAM	50	0	17.78	17.92	17.71	19.20
10	256QAM	1	0	17.85	18.01	17.72	19.20
10	256QAM	1	25	17.83	17.99	17.88	19.20
10	256QAM	1	49	17.89	18.03	17.86	19.20
10	256QAM	25	0	18.10	18.09	17.89	19.20
10	256QAM	25	12	17.68	17.85	17.76	19.20
10	256QAM	25	25	17.82	17.99	17.88	19.20
10	256QAM	50	0	17.89	17.98	17.82	19.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.10	18.17	18.00	19.20
5	QPSK	1	12	17.76	17.82	17.83	19.20
5	QPSK	1	24	17.84	18.00	17.89	19.20
5	QPSK	12	0	17.95	18.05	17.94	19.20
5	QPSK	12	7	17.86	17.97	17.80	19.20
5	QPSK	12	13	17.74	17.95	17.73	19.20
5	QPSK	25	0	17.78	17.86	17.74	19.20
5	16QAM	1	0	17.72	17.90	17.78	19.20
5	16QAM	1	12	17.83	17.91	17.71	19.20
5	16QAM	1	24	17.87	17.94	17.91	19.20
5	16QAM	12	0	17.71	17.92	17.79	19.20
5	16QAM	12	7	17.71	17.92	17.69	19.20
5	16QAM	12	13	17.84	17.90	17.69	19.20
5	16QAM	25	0	17.86	17.94	17.84	19.20
5	64QAM	1	0	17.75	17.86	17.81	19.20
5	64QAM	1	12	17.88	17.90	17.70	19.20
5	64QAM	1	24	17.94	17.90	17.89	19.20
5	64QAM	12	0	17.82	17.96	17.82	19.20
5	64QAM	12	7	17.89	17.99	17.83	19.20
5	64QAM	12	13	17.87	17.87	17.80	19.20
5	64QAM	25	0	17.79	17.96	17.78	19.20
5	256QAM	1	0	17.89	18.01	17.85	19.20
5	256QAM	1	12	17.87	17.95	17.80	19.20
5	256QAM	1	24	17.96	18.00	17.91	19.20
5	256QAM	12	0	18.04	18.13	17.92	19.20
5	256QAM	12	7	17.72	17.82	17.84	19.20
5	256QAM	12	13	17.77	17.92	17.79	19.20
5	256QAM	25	0	17.83	17.93	17.91	19.20
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.05	18.07	18.07	19.20
3	QPSK	1	8	17.74	17.86	17.74	19.20
3	QPSK	1	14	17.81	17.89	17.79	19.20
3	QPSK	8	0	18.01	18.05	18.03	19.20
3	QPSK	8	4	17.82	18.01	17.88	19.20
3	QPSK	8	7	17.78	17.86	17.67	19.20
3	QPSK	15	0	17.87	17.94	17.73	19.20
3	16QAM	1	0	17.66	17.86	17.75	19.20
3	16QAM	1	8	17.77	17.91	17.80	19.20
3	16QAM	1	14	17.90	17.92	17.82	19.20
3	16QAM	8	0	17.80	17.90	17.75	19.20
3	16QAM	8	4	17.68	17.93	17.67	19.20
3	16QAM	8	7	17.79	17.84	17.75	19.20
3	16QAM	15	0	17.93	17.93	17.86	19.20
3	64QAM	1	0	17.73	17.92	17.89	19.20
3	64QAM	1	8	17.84	18.00	17.82	19.20
3	64QAM	1	14	17.97	17.95	17.81	19.20
3	64QAM	8	0	17.78	17.89	17.76	19.20
3	64QAM	8	4	17.90	17.91	17.85	19.20
3	64QAM	8	7	17.82	17.92	17.80	19.20
3	64QAM	15	0	17.87	18.01	17.77	19.20
3	256QAM	1	0	17.90	17.92	17.77	19.20
3	256QAM	1	8	17.74	17.96	17.86	19.20
3	256QAM	1	14	17.90	17.93	17.84	19.20
3	256QAM	8	0	18.03	18.10	17.94	19.20
3	256QAM	8	4	17.67	17.89	17.81	19.20
3	256QAM	8	7	17.76	17.92	17.85	19.20
3	256QAM	15	0	17.80	17.94	17.86	19.20
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.12	18.07	18.04	19.20
1.4	QPSK	1	3	17.75	17.85	17.84	19.20
1.4	QPSK	1	5	17.89	17.98	17.82	19.20
1.4	QPSK	3	0	17.94	18.03	18.01	19.20
1.4	QPSK	3	1	17.86	17.99	17.87	19.20
1.4	QPSK	3	3	17.80	17.86	17.78	19.20
1.4	QPSK	6	0	17.82	17.94	17.73	19.20
1.4	16QAM	1	0	17.68	17.89	17.75	19.20
1.4	16QAM	1	3	17.79	17.88	17.73	19.20
1.4	16QAM	1	5	17.93	17.88	17.90	19.20
1.4	16QAM	3	0	17.71	17.91	17.71	19.20
1.4	16QAM	3	1	17.75	17.84	17.69	19.20
1.4	16QAM	3	3	17.86	17.83	17.74	19.20
1.4	16QAM	6	0	17.94	17.94	17.89	19.20
1.4	64QAM	1	0	17.74	17.89	17.87	19.20
1.4	64QAM	1	3	17.77	17.94	17.82	19.20
1.4	64QAM	1	5	17.94	17.95	17.85	19.20
1.4	64QAM	3	0	17.86	17.86	17.70	19.20
1.4	64QAM	3	1	17.83	18.02	17.97	19.20
1.4	64QAM	3	3	17.77	17.89	17.91	19.20
1.4	64QAM	6	0	17.86	17.98	17.77	19.20
1.4	256QAM	1	0	17.92	17.94	17.75	19.20
1.4	256QAM	1	3	17.77	17.96	17.87	19.20
1.4	256QAM	1	5	17.92	17.93	17.86	19.20
1.4	256QAM	3	0	18.07	18.08	17.94	19.20
1.4	256QAM	3	1	17.72	17.84	17.84	19.20
1.4	256QAM	3	3	17.81	17.99	17.84	19.20
1.4	256QAM	6	0	17.83	17.93	17.87	19.20

【LTE Band 66_Ant 4_ECI4-1】

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	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.96	18.03	17.99	18.70
20	QPSK	1	49	17.83	17.98	17.80	18.70
20	QPSK	1	99	17.75	17.92	17.85	18.70
20	QPSK	50	0	17.90	18.01	17.91	18.70
20	QPSK	50	24	17.73	17.89	17.81	18.70
20	QPSK	50	50	17.78	17.89	17.71	18.70
20	QPSK	100	0	17.92	18.00	17.96	18.70
20	16QAM	1	0	17.75	17.90	17.84	18.70
20	16QAM	1	49	17.71	17.91	17.79	18.70
20	16QAM	1	99	17.78	17.89	17.74	18.70
20	16QAM	50	0	17.68	17.89	17.73	18.70
20	16QAM	50	24	17.69	17.79	17.68	18.70
20	16QAM	50	50	17.77	17.89	17.81	18.70
20	16QAM	100	0	17.62	17.80	17.70	18.70
20	64QAM	1	0	17.61	17.78	17.72	18.70
20	64QAM	1	49	17.66	17.78	17.66	18.70
20	64QAM	1	99	17.70	17.86	17.73	18.70
20	64QAM	50	0	17.68	17.78	17.69	18.70
20	64QAM	50	24	17.81	17.93	17.81	18.70
20	64QAM	50	50	17.65	17.84	17.70	18.70
20	64QAM	100	0	17.61	17.78	17.63	18.70
20	256QAM	1	0	17.64	17.84	17.71	18.70
20	256QAM	1	49	17.76	17.86	17.80	18.70
20	256QAM	1	99	17.80	17.90	17.77	18.70
20	256QAM	50	0	17.74	17.89	17.82	18.70
20	256QAM	50	24	17.67	17.80	17.62	18.70
20	256QAM	50	50	17.77	17.89	17.79	18.70
20	256QAM	100	0	17.74	17.90	17.73	18.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.87	17.96	17.94	18.70
15	QPSK	1	37	17.79	17.95	17.72	18.70
15	QPSK	1	74	17.71	17.89	17.71	18.70
15	QPSK	36	0	17.75	17.83	17.87	18.70
15	QPSK	36	20	17.70	17.86	17.68	18.70
15	QPSK	36	39	17.76	17.80	17.65	18.70
15	QPSK	75	0	17.77	17.88	17.87	18.70



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15	16QAM	1	0	17.62	17.82	17.76	18.70
15	16QAM	1	37	17.63	17.79	17.68	18.70
15	16QAM	1	74	17.68	17.88	17.71	18.70
15	16QAM	36	0	17.57	17.77	17.71	18.70
15	16QAM	36	20	17.54	17.76	17.63	18.70
15	16QAM	36	39	17.67	17.78	17.68	18.70
15	16QAM	75	0	17.48	17.66	17.58	18.70
15	64QAM	1	0	17.51	17.65	17.64	18.70
15	64QAM	1	37	17.53	17.75	17.64	18.70
15	64QAM	1	74	17.55	17.78	17.63	18.70
15	64QAM	36	0	17.57	17.77	17.68	18.70
15	64QAM	36	20	17.76	17.91	17.76	18.70
15	64QAM	36	39	17.61	17.79	17.62	18.70
15	64QAM	75	0	17.56	17.70	17.60	18.70
15	256QAM	1	0	17.57	17.77	17.66	18.70
15	256QAM	1	37	17.65	17.72	17.69	18.70
15	256QAM	1	74	17.74	17.81	17.76	18.70
15	256QAM	36	0	17.61	17.86	17.73	18.70
15	256QAM	36	20	17.53	17.77	17.54	18.70
15	256QAM	36	39	17.64	17.77	17.75	18.70
15	256QAM	75	0	17.67	17.78	17.60	18.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.92	18.01	17.87	18.70
10	QPSK	1	25	17.79	17.93	17.73	18.70
10	QPSK	1	49	17.67	17.85	17.78	18.70
10	QPSK	25	0	17.85	17.95	17.85	18.70
10	QPSK	25	12	17.67	17.76	17.74	18.70
10	QPSK	25	25	17.68	17.81	17.66	18.70
10	QPSK	50	0	17.77	17.92	17.91	18.70
10	16QAM	1	0	17.65	17.87	17.71	18.70
10	16QAM	1	25	17.65	17.80	17.77	18.70
10	16QAM	1	49	17.69	17.87	17.69	18.70
10	16QAM	25	0	17.54	17.80	17.66	18.70
10	16QAM	25	12	17.66	17.77	17.58	18.70
10	16QAM	25	25	17.73	17.87	17.69	18.70
10	16QAM	50	0	17.52	17.71	17.59	18.70
10	64QAM	1	0	17.53	17.64	17.71	18.70
10	64QAM	1	25	17.59	17.73	17.53	18.70
10	64QAM	1	49	17.65	17.76	17.64	18.70
10	64QAM	25	0	17.57	17.73	17.56	18.70
10	64QAM	25	12	17.74	17.90	17.74	18.70
10	64QAM	25	25	17.58	17.82	17.56	18.70
10	64QAM	50	0	17.49	17.77	17.56	18.70
10	256QAM	1	0	17.51	17.83	17.56	18.70
10	256QAM	1	25	17.63	17.78	17.77	18.70
10	256QAM	1	49	17.75	17.79	17.62	18.70
10	256QAM	25	0	17.72	17.77	17.68	18.70
10	256QAM	25	12	17.52	17.79	17.50	18.70
10	256QAM	25	25	17.76	17.85	17.67	18.70
10	256QAM	50	0	17.70	17.80	17.59	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.83	17.94	17.85	18.70
5	QPSK	1	12	17.73	17.84	17.78	18.70
5	QPSK	1	24	17.61	17.87	17.75	18.70
5	QPSK	12	0	17.88	17.92	17.81	18.70
5	QPSK	12	7	17.58	17.80	17.77	18.70
5	QPSK	12	13	17.66	17.87	17.59	18.70
5	QPSK	25	0	17.80	17.92	17.93	18.70
5	16QAM	1	0	17.67	17.83	17.80	18.70
5	16QAM	1	12	17.67	17.83	17.75	18.70
5	16QAM	1	24	17.64	17.80	17.73	18.70
5	16QAM	12	0	17.61	17.75	17.60	18.70
5	16QAM	12	7	17.57	17.68	17.59	18.70
5	16QAM	12	13	17.72	17.82	17.74	18.70
5	16QAM	25	0	17.55	17.73	17.63	18.70
5	64QAM	1	0	17.58	17.69	17.60	18.70
5	64QAM	1	12	17.60	17.68	17.62	18.70
5	64QAM	1	24	17.59	17.75	17.64	18.70
5	64QAM	12	0	17.61	17.70	17.67	18.70
5	64QAM	12	7	17.77	17.82	17.76	18.70
5	64QAM	12	13	17.51	17.71	17.59	18.70
5	64QAM	25	0	17.51	17.75	17.55	18.70
5	256QAM	1	0	17.55	17.74	17.64	18.70
5	256QAM	1	12	17.70	17.83	17.69	18.70
5	256QAM	1	24	17.69	17.87	17.73	18.70
5	256QAM	12	0	17.62	17.85	17.79	18.70



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5	256QAM	12	7	17.53	17.70	17.55	18.70
5	256QAM	12	13	17.72	17.88	17.69	18.70
5	256QAM	25	0	17.66	17.88	17.60	18.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.89	17.94	17.86	18.70
3	QPSK	1	8	17.80	17.86	17.67	18.70
3	QPSK	1	14	17.63	17.79	17.83	18.70
3	QPSK	8	0	17.85	17.92	17.76	18.70
3	QPSK	8	4	17.66	17.87	17.71	18.70
3	QPSK	8	7	17.67	17.81	17.70	18.70
3	QPSK	15	0	17.88	17.92	17.90	18.70
3	16QAM	1	0	17.72	17.78	17.73	18.70
3	16QAM	1	8	17.69	17.88	17.74	18.70
3	16QAM	1	14	17.74	17.82	17.71	18.70
3	16QAM	8	0	17.54	17.75	17.66	18.70
3	16QAM	8	4	17.59	17.74	17.62	18.70
3	16QAM	8	7	17.73	17.87	17.73	18.70
3	16QAM	15	0	17.59	17.66	17.62	18.70
3	64QAM	1	0	17.54	17.65	17.70	18.70
3	64QAM	1	8	17.64	17.76	17.56	18.70
3	64QAM	1	14	17.64	17.75	17.60	18.70
3	64QAM	8	0	17.54	17.72	17.63	18.70
3	64QAM	8	4	17.73	17.91	17.67	18.70
3	64QAM	8	7	17.62	17.71	17.68	18.70
3	64QAM	15	0	17.52	17.75	17.52	18.70
3	256QAM	1	0	17.51	17.74	17.63	18.70
3	256QAM	1	8	17.61	17.83	17.71	18.70
3	256QAM	1	14	17.78	17.82	17.62	18.70
3	256QAM	8	0	17.73	17.82	17.80	18.70
3	256QAM	8	4	17.58	17.70	17.58	18.70
3	256QAM	8	7	17.71	17.86	17.66	18.70
3	256QAM	15	0	17.71	17.76	17.66	18.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.88	17.98	17.98	18.70
1.4	QPSK	1	3	17.80	17.86	17.72	18.70
1.4	QPSK	1	5	17.72	17.81	17.76	18.70
1.4	QPSK	3	0	17.77	17.84	17.81	18.70
1.4	QPSK	3	1	17.61	17.81	17.77	18.70
1.4	QPSK	3	3	17.70	17.77	17.68	18.70
1.4	QPSK	6	0	17.90	17.96	17.91	18.70
1.4	16QAM	1	0	17.65	17.77	17.79	18.70
1.4	16QAM	1	3	17.66	17.89	17.70	18.70
1.4	16QAM	1	5	17.74	17.81	17.64	18.70
1.4	16QAM	3	0	17.58	17.78	17.70	18.70
1.4	16QAM	3	1	17.58	17.74	17.62	18.70
1.4	16QAM	3	3	17.72	17.75	17.67	18.70
1.4	16QAM	6	0	17.50	17.72	17.69	18.70
1.4	64QAM	1	0	17.57	17.73	17.69	18.70
1.4	64QAM	1	3	17.64	17.76	17.62	18.70
1.4	64QAM	1	5	17.59	17.77	17.72	18.70
1.4	64QAM	3	0	17.55	17.77	17.60	18.70
1.4	64QAM	3	1	17.77	17.78	17.78	18.70
1.4	64QAM	3	3	17.52	17.76	17.65	18.70
1.4	64QAM	6	0	17.53	17.64	17.60	18.70
1.4	256QAM	1	0	17.57	17.73	17.66	18.70
1.4	256QAM	1	3	17.65	17.84	17.73	18.70
1.4	256QAM	1	5	17.72	17.84	17.63	18.70
1.4	256QAM	3	0	17.60	17.80	17.72	18.70
1.4	256QAM	3	1	17.57	17.68	17.51	18.70
1.4	256QAM	3	3	17.64	17.85	17.77	18.70
1.4	256QAM	6	0	17.59	17.81	17.67	18.70

**【LTE Band 66_Ant 4_ECI4-2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.80	17.85	17.83	19.50
20	QPSK	1	49	17.53	17.63	17.47	19.50
20	QPSK	1	99	17.66	17.76	17.65	19.50
20	QPSK	50	0	17.76	17.81	17.73	19.50
20	QPSK	50	24	17.69	17.78	17.75	19.50
20	QPSK	50	50	17.56	17.65	17.62	19.50
20	QPSK	100	0	17.69	17.71	17.68	19.50
20	16QAM	1	0	17.56	17.69	17.56	19.50
20	16QAM	1	49	17.56	17.64	17.56	19.50
20	16QAM	1	99	17.50	17.65	17.59	19.50
20	16QAM	50	0	17.61	17.72	17.55	19.50
20	16QAM	50	24	17.41	17.58	17.44	19.50
20	16QAM	50	50	17.55	17.64	17.50	19.50
20	16QAM	100	0	17.53	17.61	17.58	19.50
20	64QAM	1	0	17.46	17.58	17.49	19.50
20	64QAM	1	49	17.48	17.57	17.51	19.50
20	64QAM	1	99	17.60	17.70	17.62	19.50
20	64QAM	50	0	17.58	17.71	17.66	19.50
20	64QAM	50	24	17.61	17.67	17.61	19.50
20	64QAM	50	50	17.54	17.62	17.49	19.50
20	64QAM	100	0	17.56	17.72	17.57	19.50
20	256QAM	1	0	17.48	17.67	17.54	19.50
20	256QAM	1	49	17.61	17.73	17.58	19.50
20	256QAM	1	99	17.42	17.59	17.46	19.50
20	256QAM	50	0	17.59	17.68	17.52	19.50
20	256QAM	50	24	17.51	17.63	17.55	19.50
20	256QAM	50	50	17.59	17.69	17.59	19.50
20	256QAM	100	0	17.60	17.70	17.60	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.75	17.75	17.81	19.50
15	QPSK	1	37	17.44	17.58	17.41	19.50
15	QPSK	1	74	17.56	17.67	17.54	19.50
15	QPSK	36	0	17.67	17.68	17.62	19.50
15	QPSK	36	20	17.58	17.76	17.74	19.50
15	QPSK	36	39	17.50	17.54	17.51	19.50
15	QPSK	75	0	17.61	17.59	17.63	19.50
15	16QAM	1	0	17.53	17.56	17.53	19.50
15	16QAM	1	37	17.46	17.58	17.46	19.50
15	16QAM	1	74	17.45	17.61	17.56	19.50
15	16QAM	36	0	17.57	17.66	17.53	19.50
15	16QAM	36	20	17.26	17.54	17.40	19.50
15	16QAM	36	39	17.50	17.63	17.41	19.50
15	16QAM	75	0	17.43	17.51	17.53	19.50
15	64QAM	1	0	17.35	17.53	17.45	19.50
15	64QAM	1	37	17.45	17.52	17.44	19.50
15	64QAM	1	74	17.59	17.58	17.50	19.50
15	64QAM	36	0	17.54	17.58	17.63	19.50
15	64QAM	36	20	17.48	17.58	17.59	19.50
15	64QAM	36	39	17.48	17.47	17.35	19.50
15	64QAM	75	0	17.51	17.68	17.53	19.50
15	256QAM	1	0	17.41	17.52	17.49	19.50
15	256QAM	1	37	17.58	17.62	17.49	19.50
15	256QAM	1	74	17.41	17.46	17.33	19.50
15	256QAM	36	0	17.48	17.57	17.49	19.50
15	256QAM	36	20	17.37	17.59	17.53	19.50
15	256QAM	36	39	17.48	17.65	17.46	19.50
15	256QAM	75	0	17.49	17.62	17.57	19.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.72	17.80	17.81	19.50
10	QPSK	1	25	17.47	17.51	17.45	19.50
10	QPSK	1	49	17.55	17.69	17.58	19.50
10	QPSK	25	0	17.74	17.72	17.61	19.50
10	QPSK	25	12	17.59	17.65	17.61	19.50
10	QPSK	25	25	17.42	17.51	17.49	19.50
10	QPSK	50	0	17.65	17.65	17.60	19.50
10	16QAM	1	0	17.48	17.59	17.52	19.50
10	16QAM	1	25	17.51	17.49	17.44	19.50
10	16QAM	1	49	17.45	17.51	17.50	19.50
10	16QAM	25	0	17.53	17.64	17.44	19.50



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10	16QAM	25	12	17.40	17.48	17.32	19.50
10	16QAM	25	25	17.52	17.55	17.43	19.50
10	16QAM	50	0	17.51	17.57	17.47	19.50
10	64QAM	1	0	17.43	17.55	17.41	19.50
10	64QAM	1	25	17.41	17.48	17.40	19.50
10	64QAM	1	49	17.46	17.66	17.49	19.50
10	64QAM	25	0	17.49	17.65	17.62	19.50
10	64QAM	25	12	17.53	17.65	17.50	19.50
10	64QAM	25	25	17.46	17.56	17.48	19.50
10	64QAM	50	0	17.49	17.58	17.54	19.50
10	256QAM	1	0	17.41	17.53	17.44	19.50
10	256QAM	1	25	17.54	17.58	17.50	19.50
10	256QAM	1	49	17.29	17.49	17.44	19.50
10	256QAM	25	0	17.53	17.60	17.45	19.50
10	256QAM	25	12	17.37	17.58	17.52	19.50
10	256QAM	25	25	17.46	17.68	17.51	19.50
10	256QAM	50	0	17.49	17.56	17.49	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.78	17.77	17.69	19.50
5	QPSK	1	12	17.50	17.56	17.38	19.50
5	QPSK	1	24	17.53	17.64	17.58	19.50
5	QPSK	12	0	17.74	17.70	17.67	19.50
5	QPSK	12	7	17.57	17.72	17.74	19.50
5	QPSK	12	13	17.43	17.61	17.54	19.50
5	QPSK	25	0	17.66	17.65	17.60	19.50
5	16QAM	1	0	17.51	17.59	17.48	19.50
5	16QAM	1	12	17.46	17.55	17.54	19.50
5	16QAM	1	24	17.39	17.50	17.47	19.50
5	16QAM	12	0	17.52	17.60	17.52	19.50
5	16QAM	12	7	17.39	17.46	17.40	19.50
5	16QAM	12	13	17.41	17.61	17.39	19.50
5	16QAM	25	0	17.45	17.49	17.46	19.50
5	64QAM	1	0	17.34	17.43	17.45	19.50
5	64QAM	1	12	17.41	17.45	17.40	19.50
5	64QAM	1	24	17.57	17.66	17.53	19.50
5	64QAM	12	0	17.44	17.60	17.64	19.50
5	64QAM	12	7	17.52	17.54	17.47	19.50
5	64QAM	12	13	17.46	17.53	17.38	19.50
5	64QAM	25	0	17.42	17.70	17.47	19.50
5	256QAM	1	0	17.44	17.62	17.51	19.50
5	256QAM	1	12	17.55	17.66	17.45	19.50
5	256QAM	1	24	17.28	17.47	17.40	19.50
5	256QAM	12	0	17.57	17.61	17.38	19.50
5	256QAM	12	7	17.44	17.52	17.51	19.50
5	256QAM	12	13	17.55	17.66	17.44	19.50
5	256QAM	25	0	17.54	17.60	17.49	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.73	17.70	17.80	19.50
3	QPSK	1	8	17.50	17.60	17.45	19.50
3	QPSK	1	14	17.57	17.62	17.63	19.50
3	QPSK	8	0	17.61	17.70	17.68	19.50
3	QPSK	8	4	17.55	17.71	17.74	19.50
3	QPSK	8	7	17.46	17.56	17.55	19.50
3	QPSK	15	0	17.62	17.56	17.65	19.50
3	16QAM	1	0	17.52	17.59	17.48	19.50
3	16QAM	1	8	17.46	17.57	17.44	19.50
3	16QAM	1	14	17.42	17.61	17.52	19.50
3	16QAM	8	0	17.51	17.70	17.50	19.50
3	16QAM	8	4	17.30	17.56	17.29	19.50
3	16QAM	8	7	17.48	17.51	17.40	19.50
3	16QAM	15	0	17.46	17.52	17.56	19.50
3	64QAM	1	0	17.43	17.49	17.39	19.50
3	64QAM	1	8	17.34	17.44	17.44	19.50
3	64QAM	1	14	17.47	17.66	17.59	19.50
3	64QAM	8	0	17.56	17.64	17.56	19.50
3	64QAM	8	4	17.49	17.63	17.47	19.50
3	64QAM	8	7	17.43	17.52	17.34	19.50
3	64QAM	15	0	17.50	17.57	17.52	19.50
3	256QAM	1	0	17.37	17.58	17.53	19.50
3	256QAM	1	8	17.57	17.67	17.55	19.50
3	256QAM	1	14	17.31	17.55	17.33	19.50
3	256QAM	8	0	17.47	17.56	17.39	19.50
3	256QAM	8	4	17.47	17.50	17.46	19.50
3	256QAM	8	7	17.57	17.55	17.56	19.50
3	256QAM	15	0	17.51	17.66	17.53	19.50
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.77	17.77	17.68	19.50
1.4	QPSK	1	3	17.40	17.56	17.37	19.50
1.4	QPSK	1	5	17.65	17.64	17.59	19.50
1.4	QPSK	3	0	17.65	17.77	17.71	19.50
1.4	QPSK	3	1	17.64	17.72	17.67	19.50
1.4	QPSK	3	3	17.48	17.63	17.49	19.50
1.4	QPSK	6	0	17.57	17.69	17.62	19.50
1.4	16QAM	1	0	17.52	17.58	17.54	19.50
1.4	16QAM	1	3	17.50	17.55	17.45	19.50
1.4	16QAM	1	5	17.48	17.51	17.44	19.50
1.4	16QAM	3	0	17.50	17.59	17.45	19.50
1.4	16QAM	3	1	17.32	17.51	17.39	19.50
1.4	16QAM	3	3	17.49	17.56	17.48	19.50
1.4	16QAM	6	0	17.50	17.49	17.51	19.50
1.4	64QAM	1	0	17.40	17.43	17.44	19.50
1.4	64QAM	1	3	17.35	17.48	17.49	19.50
1.4	64QAM	1	5	17.58	17.64	17.50	19.50
1.4	64QAM	3	0	17.47	17.67	17.57	19.50
1.4	64QAM	3	1	17.58	17.54	17.51	19.50
1.4	64QAM	3	3	17.40	17.57	17.46	19.50
1.4	64QAM	6	0	17.47	17.57	17.56	19.50
1.4	256QAM	1	0	17.44	17.53	17.52	19.50
1.4	256QAM	1	3	17.49	17.70	17.52	19.50
1.4	256QAM	1	5	17.38	17.56	17.36	19.50
1.4	256QAM	3	0	17.53	17.59	17.51	19.50
1.4	256QAM	3	1	17.46	17.57	17.53	19.50
1.4	256QAM	3	3	17.46	17.60	17.48	19.50
1.4	256QAM	6	0	17.53	17.66	17.59	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.15	18.18	18.14	19.20
20	QPSK	1	49	17.85	17.93	17.85	19.20
20	QPSK	1	99	17.95	18.02	17.91	19.20
20	QPSK	50	0	18.06	18.10	18.07	19.20
20	QPSK	50	24	17.87	18.04	17.92	19.20
20	QPSK	50	50	17.88	17.99	17.80	19.20
20	QPSK	100	0	17.89	17.97	17.82	19.20
20	16QAM	1	0	17.77	17.94	17.87	19.20
20	16QAM	1	49	17.88	17.98	17.81	19.20
20	16QAM	1	99	17.96	18.00	17.95	19.20
20	16QAM	50	0	17.85	17.96	17.83	19.20
20	16QAM	50	24	17.82	17.94	17.75	19.20
20	16QAM	50	50	17.88	17.92	17.84	19.20
20	16QAM	100	0	17.98	18.05	17.91	19.20
20	64QAM	1	0	17.86	17.99	17.90	19.20
20	64QAM	1	49	17.90	18.03	17.84	19.20
20	64QAM	1	99	17.98	18.02	17.96	19.20
20	64QAM	50	0	17.91	18.00	17.84	19.20
20	64QAM	50	24	17.95	18.04	17.98	19.20
20	64QAM	50	50	17.90	17.97	17.92	19.20
20	64QAM	100	0	17.92	18.04	17.85	19.20
20	256QAM	1	0	17.96	18.05	17.87	19.20
20	256QAM	1	49	17.88	18.01	17.91	19.20
20	256QAM	1	99	17.98	18.04	17.95	19.20
20	256QAM	50	0	18.13	18.18	18.03	19.20
20	256QAM	50	24	17.79	17.93	17.87	19.20
20	256QAM	50	50	17.87	18.02	17.91	19.20
20	256QAM	100	0	17.93	18.03	17.93	19.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.02	18.14	18.11	19.20
15	QPSK	1	37	17.74	17.89	17.83	19.20
15	QPSK	1	74	17.91	17.98	17.87	19.20
15	QPSK	36	0	17.95	18.07	18.00	19.20
15	QPSK	36	20	17.77	17.97	17.81	19.20
15	QPSK	36	39	17.79	17.91	17.78	19.20
15	QPSK	75	0	17.84	17.84	17.76	19.20



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15	16QAM	1	0	17.69	17.86	17.81	19.20
15	16QAM	1	37	17.85	17.87	17.77	19.20
15	16QAM	1	74	17.92	17.93	17.90	19.20
15	16QAM	36	0	17.77	17.95	17.70	19.20
15	16QAM	36	20	17.74	17.86	17.69	19.20
15	16QAM	36	39	17.87	17.80	17.80	19.20
15	16QAM	75	0	17.92	17.97	17.85	19.20
15	64QAM	1	0	17.74	17.92	17.84	19.20
15	64QAM	1	37	17.85	17.99	17.69	19.20
15	64QAM	1	74	17.88	17.93	17.88	19.20
15	64QAM	36	0	17.77	17.94	17.75	19.20
15	64QAM	36	20	17.87	17.94	17.91	19.20
15	64QAM	36	39	17.79	17.88	17.83	19.20
15	64QAM	75	0	17.90	18.00	17.83	19.20
15	256QAM	1	0	17.82	18.00	17.84	19.20
15	256QAM	1	37	17.76	17.98	17.79	19.20
15	256QAM	1	74	17.91	17.93	17.85	19.20
15	256QAM	36	0	18.06	18.07	17.88	19.20
15	256QAM	36	20	17.74	17.82	17.80	19.20
15	256QAM	36	39	17.76	17.90	17.84	19.20
15	256QAM	75	0	17.87	18.01	17.81	19.20
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.08	18.08	18.09	19.20
10	QPSK	1	25	17.84	17.87	17.71	19.20
10	QPSK	1	49	17.91	17.96	17.85	19.20
10	QPSK	25	0	18.01	18.02	17.99	19.20
10	QPSK	25	12	17.73	17.97	17.91	19.20
10	QPSK	25	25	17.74	17.94	17.77	19.20
10	QPSK	50	0	17.86	17.85	17.77	19.20
10	16QAM	1	0	17.70	17.89	17.82	19.20
10	16QAM	1	25	17.79	17.88	17.70	19.20
10	16QAM	1	49	17.83	17.87	17.91	19.20
10	16QAM	25	0	17.75	17.89	17.75	19.20
10	16QAM	25	12	17.78	17.89	17.70	19.20
10	16QAM	25	25	17.81	17.90	17.69	19.20
10	16QAM	50	0	17.90	17.92	17.78	19.20
10	64QAM	1	0	17.74	17.92	17.75	19.20
10	64QAM	1	25	17.86	17.96	17.71	19.20
10	64QAM	1	49	17.95	17.99	17.93	19.20
10	64QAM	25	0	17.84	17.86	17.76	19.20
10	64QAM	25	12	17.88	17.89	17.95	19.20
10	64QAM	25	25	17.81	17.95	17.82	19.20
10	64QAM	50	0	17.78	17.92	17.71	19.20
10	256QAM	1	0	17.85	18.01	17.72	19.20
10	256QAM	1	25	17.83	17.99	17.88	19.20
10	256QAM	1	49	17.89	18.03	17.86	19.20
10	256QAM	25	0	18.10	18.09	17.89	19.20
10	256QAM	25	12	17.68	17.85	17.76	19.20
10	256QAM	25	25	17.82	17.99	17.88	19.20
10	256QAM	50	0	17.89	17.98	17.82	19.20
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.10	18.17	18.00	19.20
5	QPSK	1	12	17.76	17.82	17.83	19.20
5	QPSK	1	24	17.84	18.00	17.89	19.20
5	QPSK	12	0	17.95	18.05	17.94	19.20
5	QPSK	12	7	17.86	17.97	17.80	19.20
5	QPSK	12	13	17.74	17.95	17.73	19.20
5	QPSK	25	0	17.78	17.86	17.74	19.20
5	16QAM	1	0	17.72	17.90	17.78	19.20
5	16QAM	1	12	17.83	17.91	17.71	19.20
5	16QAM	1	24	17.87	17.94	17.91	19.20
5	16QAM	12	0	17.71	17.92	17.79	19.20
5	16QAM	12	7	17.71	17.92	17.69	19.20
5	16QAM	12	13	17.84	17.90	17.69	19.20
5	16QAM	25	0	17.86	17.94	17.84	19.20
5	64QAM	1	0	17.75	17.86	17.81	19.20
5	64QAM	1	12	17.88	17.90	17.70	19.20
5	64QAM	1	24	17.94	17.90	17.89	19.20
5	64QAM	12	0	17.82	17.96	17.82	19.20
5	64QAM	12	7	17.89	17.99	17.83	19.20
5	64QAM	12	13	17.87	17.87	17.80	19.20
5	64QAM	25	0	17.79	17.96	17.78	19.20
5	256QAM	1	0	17.89	18.01	17.85	19.20
5	256QAM	1	12	17.87	17.95	17.80	19.20
5	256QAM	1	24	17.96	18.00	17.91	19.20
5	256QAM	12	0	18.04	18.13	17.92	19.20



5	256QAM	12	7	17.72	17.82	17.84	19.20
5	256QAM	12	13	17.77	17.92	17.79	19.20
5	256QAM	25	0	17.83	17.93	17.91	19.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.05	18.07	18.07	19.20
3	QPSK	1	8	17.74	17.86	17.74	19.20
3	QPSK	1	14	17.81	17.89	17.79	19.20
3	QPSK	8	0	18.01	18.05	18.03	19.20
3	QPSK	8	4	17.82	18.01	17.88	19.20
3	QPSK	8	7	17.78	17.86	17.67	19.20
3	QPSK	15	0	17.87	17.94	17.73	19.20
3	16QAM	1	0	17.66	17.86	17.75	19.20
3	16QAM	1	8	17.77	17.91	17.80	19.20
3	16QAM	1	14	17.90	17.92	17.82	19.20
3	16QAM	8	0	17.80	17.90	17.75	19.20
3	16QAM	8	4	17.68	17.93	17.67	19.20
3	16QAM	8	7	17.79	17.84	17.75	19.20
3	16QAM	15	0	17.93	17.93	17.86	19.20
3	64QAM	1	0	17.73	17.92	17.89	19.20
3	64QAM	1	8	17.84	18.00	17.82	19.20
3	64QAM	1	14	17.97	17.95	17.81	19.20
3	64QAM	8	0	17.78	17.89	17.76	19.20
3	64QAM	8	4	17.90	17.91	17.85	19.20
3	64QAM	8	7	17.82	17.92	17.80	19.20
3	64QAM	15	0	17.87	18.01	17.77	19.20
3	256QAM	1	0	17.90	17.92	17.77	19.20
3	256QAM	1	8	17.74	17.96	17.86	19.20
3	256QAM	1	14	17.90	17.93	17.84	19.20
3	256QAM	8	0	18.03	18.10	17.94	19.20
3	256QAM	8	4	17.67	17.89	17.81	19.20
3	256QAM	8	7	17.76	17.92	17.85	19.20
3	256QAM	15	0	17.80	17.94	17.86	19.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.12	18.07	18.04	19.20
1.4	QPSK	1	3	17.75	17.85	17.84	19.20
1.4	QPSK	1	5	17.89	17.98	17.82	19.20
1.4	QPSK	3	0	17.94	18.03	18.01	19.20
1.4	QPSK	3	1	17.86	17.99	17.87	19.20
1.4	QPSK	3	3	17.80	17.86	17.78	19.20
1.4	QPSK	6	0	17.82	17.94	17.73	19.20
1.4	16QAM	1	0	17.68	17.89	17.75	19.20
1.4	16QAM	1	3	17.79	17.88	17.73	19.20
1.4	16QAM	1	5	17.93	17.88	17.90	19.20
1.4	16QAM	3	0	17.71	17.91	17.71	19.20
1.4	16QAM	3	1	17.75	17.84	17.69	19.20
1.4	16QAM	3	3	17.86	17.83	17.74	19.20
1.4	16QAM	6	0	17.94	17.94	17.89	19.20
1.4	64QAM	1	0	17.74	17.89	17.87	19.20
1.4	64QAM	1	3	17.77	17.94	17.82	19.20
1.4	64QAM	1	5	17.94	17.95	17.85	19.20
1.4	64QAM	3	0	17.86	17.86	17.70	19.20
1.4	64QAM	3	1	17.83	18.02	17.97	19.20
1.4	64QAM	3	3	17.77	17.89	17.91	19.20
1.4	64QAM	6	0	17.86	17.98	17.77	19.20
1.4	256QAM	1	0	17.92	17.94	17.75	19.20
1.4	256QAM	1	3	17.77	17.96	17.87	19.20
1.4	256QAM	1	5	17.92	17.93	17.86	19.20
1.4	256QAM	3	0	18.07	18.08	17.94	19.20
1.4	256QAM	3	1	17.72	17.84	17.84	19.20
1.4	256QAM	3	3	17.81	17.99	17.84	19.20
1.4	256QAM	6	0	17.83	17.93	17.87	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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.96	18.03	17.99	18.70
20	QPSK	1	49	17.83	17.98	17.80	18.70
20	QPSK	1	99	17.75	17.92	17.85	18.70
20	QPSK	50	0	17.90	18.01	17.91	18.70
20	QPSK	50	24	17.73	17.89	17.81	18.70
20	QPSK	50	50	17.78	17.89	17.71	18.70
20	QPSK	100	0	17.92	18.00	17.96	18.70
20	16QAM	1	0	17.75	17.90	17.84	18.70
20	16QAM	1	49	17.71	17.91	17.79	18.70
20	16QAM	1	99	17.78	17.89	17.74	18.70
20	16QAM	50	0	17.68	17.89	17.73	18.70
20	16QAM	50	24	17.69	17.79	17.68	18.70
20	16QAM	50	50	17.77	17.89	17.81	18.70
20	16QAM	100	0	17.62	17.80	17.70	18.70
20	64QAM	1	0	17.61	17.78	17.72	18.70
20	64QAM	1	49	17.66	17.78	17.66	18.70
20	64QAM	1	99	17.70	17.86	17.73	18.70
20	64QAM	50	0	17.68	17.78	17.69	18.70
20	64QAM	50	24	17.81	17.93	17.81	18.70
20	64QAM	50	50	17.65	17.84	17.70	18.70
20	64QAM	100	0	17.61	17.78	17.63	18.70
20	256QAM	1	0	17.64	17.84	17.71	18.70
20	256QAM	1	49	17.76	17.86	17.80	18.70
20	256QAM	1	99	17.80	17.90	17.77	18.70
20	256QAM	50	0	17.74	17.89	17.82	18.70
20	256QAM	50	24	17.67	17.80	17.62	18.70
20	256QAM	50	50	17.77	17.89	17.79	18.70
20	256QAM	100	0	17.74	17.90	17.73	18.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.96	18.03	17.99	18.70
15	QPSK	1	37	17.83	17.98	17.80	18.70
15	QPSK	1	74	17.75	17.92	17.85	18.70
15	QPSK	36	0	17.90	18.01	17.91	18.70
15	QPSK	36	20	17.73	17.89	17.81	18.70
15	QPSK	36	39	17.78	17.89	17.71	18.70
15	QPSK	75	0	17.92	18.00	17.96	18.70
15	16QAM	1	0	17.75	17.90	17.84	18.70
15	16QAM	1	37	17.71	17.91	17.79	18.70
15	16QAM	1	74	17.78	17.89	17.74	18.70
15	16QAM	36	0	17.68	17.89	17.73	18.70
15	16QAM	36	20	17.69	17.79	17.68	18.70
15	16QAM	36	39	17.77	17.89	17.81	18.70
15	16QAM	75	0	17.62	17.80	17.70	18.70
15	64QAM	1	0	17.61	17.78	17.72	18.70
15	64QAM	1	37	17.66	17.78	17.66	18.70
15	64QAM	1	74	17.70	17.86	17.73	18.70
15	64QAM	36	0	17.68	17.78	17.69	18.70
15	64QAM	36	20	17.81	17.93	17.81	18.70
15	64QAM	36	39	17.65	17.84	17.70	18.70
15	64QAM	75	0	17.61	17.78	17.63	18.70
15	256QAM	1	0	17.64	17.84	17.71	18.70
15	256QAM	1	37	17.76	17.86	17.80	18.70
15	256QAM	1	74	17.80	17.90	17.77	18.70
15	256QAM	36	0	17.74	17.89	17.82	18.70
15	256QAM	36	20	17.67	17.80	17.62	18.70
15	256QAM	36	39	17.77	17.89	17.79	18.70
15	256QAM	75	0	17.74	17.90	17.73	18.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.92	18.01	17.87	18.70
10	QPSK	1	25	17.79	17.93	17.73	18.70
10	QPSK	1	49	17.67	17.85	17.78	18.70
10	QPSK	25	0	17.85	17.95	17.85	18.70
10	QPSK	25	12	17.67	17.76	17.74	18.70
10	QPSK	25	25	17.68	17.81	17.66	18.70
10	QPSK	50	0	17.77	17.92	17.91	18.70
10	16QAM	1	0	17.65	17.87	17.71	18.70
10	16QAM	1	25	17.65	17.80	17.77	18.70
10	16QAM	1	49	17.69	17.87	17.69	18.70
10	16QAM	25	0	17.54	17.80	17.66	18.70



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10	16QAM	25	12	17.66	17.77	17.58	18.70
10	16QAM	25	25	17.73	17.87	17.69	18.70
10	16QAM	50	0	17.52	17.71	17.59	18.70
10	64QAM	1	0	17.53	17.64	17.71	18.70
10	64QAM	1	25	17.59	17.73	17.53	18.70
10	64QAM	1	49	17.65	17.76	17.64	18.70
10	64QAM	25	0	17.57	17.73	17.56	18.70
10	64QAM	25	12	17.74	17.90	17.74	18.70
10	64QAM	25	25	17.58	17.82	17.56	18.70
10	64QAM	50	0	17.49	17.77	17.56	18.70
10	256QAM	1	0	17.51	17.83	17.56	18.70
10	256QAM	1	25	17.63	17.78	17.77	18.70
10	256QAM	1	49	17.75	17.79	17.62	18.70
10	256QAM	25	0	17.72	17.77	17.68	18.70
10	256QAM	25	12	17.52	17.79	17.50	18.70
10	256QAM	25	25	17.76	17.85	17.67	18.70
10	256QAM	50	0	17.70	17.80	17.59	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.83	17.94	17.85	18.70
5	QPSK	1	12	17.73	17.84	17.78	18.70
5	QPSK	1	24	17.61	17.87	17.75	18.70
5	QPSK	12	0	17.88	17.92	17.81	18.70
5	QPSK	12	7	17.58	17.80	17.77	18.70
5	QPSK	12	13	17.66	17.87	17.59	18.70
5	QPSK	25	0	17.80	17.92	17.93	18.70
5	16QAM	1	0	17.67	17.83	17.80	18.70
5	16QAM	1	12	17.67	17.83	17.75	18.70
5	16QAM	1	24	17.64	17.80	17.73	18.70
5	16QAM	12	0	17.61	17.75	17.60	18.70
5	16QAM	12	7	17.57	17.68	17.59	18.70
5	16QAM	12	13	17.72	17.82	17.74	18.70
5	16QAM	25	0	17.55	17.73	17.63	18.70
5	64QAM	1	0	17.58	17.69	17.60	18.70
5	64QAM	1	12	17.60	17.68	17.62	18.70
5	64QAM	1	24	17.59	17.75	17.64	18.70
5	64QAM	12	0	17.61	17.70	17.67	18.70
5	64QAM	12	7	17.77	17.82	17.76	18.70
5	64QAM	12	13	17.51	17.71	17.59	18.70
5	64QAM	25	0	17.51	17.75	17.55	18.70
5	256QAM	1	0	17.55	17.74	17.64	18.70
5	256QAM	1	12	17.70	17.83	17.69	18.70
5	256QAM	1	24	17.69	17.87	17.73	18.70
5	256QAM	12	0	17.62	17.85	17.79	18.70
5	256QAM	12	7	17.53	17.70	17.55	18.70
5	256QAM	12	13	17.72	17.88	17.69	18.70
5	256QAM	25	0	17.66	17.88	17.60	18.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.89	17.94	17.86	18.70
3	QPSK	1	8	17.80	17.86	17.67	18.70
3	QPSK	1	14	17.63	17.79	17.83	18.70
3	QPSK	8	0	17.85	17.92	17.76	18.70
3	QPSK	8	4	17.66	17.87	17.71	18.70
3	QPSK	8	7	17.67	17.81	17.70	18.70
3	QPSK	15	0	17.88	17.92	17.90	18.70
3	16QAM	1	0	17.72	17.78	17.73	18.70
3	16QAM	1	8	17.69	17.88	17.74	18.70
3	16QAM	1	14	17.74	17.82	17.71	18.70
3	16QAM	8	0	17.54	17.75	17.66	18.70
3	16QAM	8	4	17.59	17.74	17.62	18.70
3	16QAM	8	7	17.73	17.87	17.73	18.70
3	16QAM	15	0	17.59	17.66	17.62	18.70
3	64QAM	1	0	17.54	17.65	17.70	18.70
3	64QAM	1	8	17.64	17.76	17.56	18.70
3	64QAM	1	14	17.64	17.75	17.60	18.70
3	64QAM	8	0	17.54	17.72	17.63	18.70
3	64QAM	8	4	17.73	17.91	17.67	18.70
3	64QAM	8	7	17.62	17.71	17.68	18.70
3	64QAM	15	0	17.52	17.75	17.52	18.70
3	256QAM	1	0	17.51	17.74	17.63	18.70
3	256QAM	1	8	17.61	17.83	17.71	18.70
3	256QAM	1	14	17.78	17.82	17.62	18.70
3	256QAM	8	0	17.73	17.82	17.80	18.70
3	256QAM	8	4	17.58	17.70	17.58	18.70
3	256QAM	8	7	17.71	17.86	17.66	18.70
3	256QAM	15	0	17.71	17.76	17.66	18.70
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.88	17.98	17.98	18.70
1.4	QPSK	1	3	17.80	17.86	17.72	18.70
1.4	QPSK	1	5	17.72	17.81	17.76	18.70
1.4	QPSK	3	0	17.77	17.84	17.81	18.70
1.4	QPSK	3	1	17.61	17.81	17.77	18.70
1.4	QPSK	3	3	17.70	17.77	17.68	18.70
1.4	QPSK	6	0	17.90	17.96	17.91	18.70
1.4	16QAM	1	0	17.65	17.77	17.79	18.70
1.4	16QAM	1	3	17.66	17.89	17.70	18.70
1.4	16QAM	1	5	17.74	17.81	17.64	18.70
1.4	16QAM	3	0	17.58	17.78	17.70	18.70
1.4	16QAM	3	1	17.58	17.74	17.62	18.70
1.4	16QAM	3	3	17.72	17.75	17.67	18.70
1.4	16QAM	6	0	17.50	17.72	17.69	18.70
1.4	64QAM	1	0	17.57	17.73	17.69	18.70
1.4	64QAM	1	3	17.64	17.76	17.62	18.70
1.4	64QAM	1	5	17.59	17.77	17.72	18.70
1.4	64QAM	3	0	17.55	17.77	17.60	18.70
1.4	64QAM	3	1	17.77	17.78	17.78	18.70
1.4	64QAM	3	3	17.52	17.76	17.65	18.70
1.4	64QAM	6	0	17.53	17.64	17.60	18.70
1.4	256QAM	1	0	17.57	17.73	17.66	18.70
1.4	256QAM	1	3	17.65	17.84	17.73	18.70
1.4	256QAM	1	5	17.72	17.84	17.63	18.70
1.4	256QAM	3	0	17.60	17.80	17.72	18.70
1.4	256QAM	3	1	17.57	17.68	17.51	18.70
1.4	256QAM	3	3	17.64	17.85	17.77	18.70
1.4	256QAM	6	0	17.59	17.81	17.67	18.70

【LTE Band 66_Ant 4_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.80	17.85	17.83	19.50
20	QPSK	1	49	17.53	17.63	17.47	19.50
20	QPSK	1	99	17.66	17.76	17.65	19.50
20	QPSK	50	0	17.76	17.81	17.73	19.50
20	QPSK	50	24	17.69	17.78	17.75	19.50
20	QPSK	50	50	17.56	17.65	17.62	19.50
20	QPSK	100	0	17.69	17.71	17.68	19.50
20	16QAM	1	0	17.56	17.69	17.56	19.50
20	16QAM	1	49	17.56	17.64	17.56	19.50
20	16QAM	1	99	17.50	17.65	17.59	19.50
20	16QAM	50	0	17.61	17.72	17.55	19.50
20	16QAM	50	24	17.41	17.58	17.44	19.50
20	16QAM	50	50	17.55	17.64	17.50	19.50
20	16QAM	100	0	17.53	17.61	17.58	19.50
20	64QAM	1	0	17.46	17.58	17.49	19.50
20	64QAM	1	49	17.48	17.57	17.51	19.50
20	64QAM	1	99	17.60	17.70	17.62	19.50
20	64QAM	50	0	17.58	17.71	17.66	19.50
20	64QAM	50	24	17.61	17.67	17.61	19.50
20	64QAM	50	50	17.54	17.62	17.49	19.50
20	64QAM	100	0	17.56	17.72	17.57	19.50
20	256QAM	1	0	17.48	17.67	17.54	19.50
20	256QAM	1	49	17.61	17.73	17.58	19.50
20	256QAM	1	99	17.42	17.59	17.46	19.50
20	256QAM	50	0	17.59	17.68	17.52	19.50
20	256QAM	50	24	17.51	17.63	17.55	19.50
20	256QAM	50	50	17.59	17.69	17.59	19.50
20	256QAM	100	0	17.60	17.70	17.60	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.75	17.75	17.81	19.50
15	QPSK	1	37	17.44	17.58	17.41	19.50
15	QPSK	1	74	17.56	17.67	17.54	19.50
15	QPSK	36	0	17.67	17.68	17.62	19.50
15	QPSK	36	20	17.58	17.76	17.74	19.50
15	QPSK	36	39	17.50	17.54	17.51	19.50
15	QPSK	75	0	17.61	17.59	17.63	19.50



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15	16QAM	1	0	17.53	17.56	17.53	19.50
15	16QAM	1	37	17.46	17.58	17.46	19.50
15	16QAM	1	74	17.45	17.61	17.56	19.50
15	16QAM	36	0	17.57	17.66	17.53	19.50
15	16QAM	36	20	17.26	17.54	17.40	19.50
15	16QAM	36	39	17.50	17.63	17.41	19.50
15	16QAM	75	0	17.43	17.51	17.53	19.50
15	64QAM	1	0	17.35	17.53	17.45	19.50
15	64QAM	1	37	17.45	17.52	17.44	19.50
15	64QAM	1	74	17.59	17.58	17.50	19.50
15	64QAM	36	0	17.54	17.58	17.63	19.50
15	64QAM	36	20	17.48	17.58	17.59	19.50
15	64QAM	36	39	17.48	17.47	17.35	19.50
15	64QAM	75	0	17.51	17.68	17.53	19.50
15	256QAM	1	0	17.41	17.52	17.49	19.50
15	256QAM	1	37	17.58	17.62	17.49	19.50
15	256QAM	1	74	17.41	17.46	17.33	19.50
15	256QAM	36	0	17.48	17.57	17.49	19.50
15	256QAM	36	20	17.37	17.59	17.53	19.50
15	256QAM	36	39	17.48	17.65	17.46	19.50
15	256QAM	75	0	17.49	17.62	17.57	19.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.72	17.80	17.81	19.50
10	QPSK	1	25	17.47	17.51	17.45	19.50
10	QPSK	1	49	17.55	17.69	17.58	19.50
10	QPSK	25	0	17.74	17.72	17.61	19.50
10	QPSK	25	12	17.59	17.65	17.61	19.50
10	QPSK	25	25	17.42	17.51	17.49	19.50
10	QPSK	50	0	17.65	17.65	17.60	19.50
10	16QAM	1	0	17.48	17.59	17.52	19.50
10	16QAM	1	25	17.51	17.49	17.44	19.50
10	16QAM	1	49	17.45	17.51	17.50	19.50
10	16QAM	25	0	17.53	17.64	17.44	19.50
10	16QAM	25	12	17.40	17.48	17.32	19.50
10	16QAM	25	25	17.52	17.55	17.43	19.50
10	16QAM	50	0	17.51	17.57	17.47	19.50
10	64QAM	1	0	17.43	17.55	17.41	19.50
10	64QAM	1	25	17.41	17.48	17.40	19.50
10	64QAM	1	49	17.46	17.66	17.49	19.50
10	64QAM	25	0	17.49	17.65	17.62	19.50
10	64QAM	25	12	17.53	17.65	17.50	19.50
10	64QAM	25	25	17.46	17.56	17.48	19.50
10	64QAM	50	0	17.49	17.58	17.54	19.50
10	256QAM	1	0	17.41	17.53	17.44	19.50
10	256QAM	1	25	17.54	17.58	17.50	19.50
10	256QAM	1	49	17.29	17.49	17.44	19.50
10	256QAM	25	0	17.53	17.60	17.45	19.50
10	256QAM	25	12	17.37	17.58	17.52	19.50
10	256QAM	25	25	17.46	17.68	17.51	19.50
10	256QAM	50	0	17.49	17.56	17.49	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.78	17.77	17.69	19.50
5	QPSK	1	12	17.50	17.56	17.38	19.50
5	QPSK	1	24	17.53	17.64	17.58	19.50
5	QPSK	12	0	17.74	17.70	17.67	19.50
5	QPSK	12	7	17.57	17.72	17.74	19.50
5	QPSK	12	13	17.43	17.61	17.54	19.50
5	QPSK	25	0	17.66	17.65	17.60	19.50
5	16QAM	1	0	17.51	17.59	17.48	19.50
5	16QAM	1	12	17.46	17.55	17.54	19.50
5	16QAM	1	24	17.39	17.50	17.47	19.50
5	16QAM	12	0	17.52	17.60	17.52	19.50
5	16QAM	12	7	17.39	17.46	17.40	19.50
5	16QAM	12	13	17.41	17.61	17.39	19.50
5	16QAM	25	0	17.45	17.49	17.46	19.50
5	64QAM	1	0	17.34	17.43	17.45	19.50
5	64QAM	1	12	17.41	17.45	17.40	19.50
5	64QAM	1	24	17.57	17.66	17.53	19.50
5	64QAM	12	0	17.44	17.60	17.64	19.50
5	64QAM	12	7	17.52	17.54	17.47	19.50
5	64QAM	12	13	17.46	17.53	17.38	19.50
5	64QAM	25	0	17.42	17.70	17.47	19.50
5	256QAM	1	0	17.44	17.62	17.51	19.50
5	256QAM	1	12	17.55	17.66	17.45	19.50
5	256QAM	1	24	17.28	17.47	17.40	19.50
5	256QAM	12	0	17.57	17.61	17.38	19.50



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5	256QAM	12	7	17.44	17.52	17.51	19.50
5	256QAM	12	13	17.55	17.66	17.44	19.50
5	256QAM	25	0	17.54	17.60	17.49	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.73	17.70	17.80	19.50
3	QPSK	1	8	17.50	17.60	17.45	19.50
3	QPSK	1	14	17.57	17.62	17.63	19.50
3	QPSK	8	0	17.61	17.70	17.68	19.50
3	QPSK	8	4	17.55	17.71	17.74	19.50
3	QPSK	8	7	17.46	17.56	17.55	19.50
3	QPSK	15	0	17.62	17.56	17.65	19.50
3	16QAM	1	0	17.52	17.59	17.48	19.50
3	16QAM	1	8	17.46	17.57	17.44	19.50
3	16QAM	1	14	17.42	17.61	17.52	19.50
3	16QAM	8	0	17.51	17.70	17.50	19.50
3	16QAM	8	4	17.30	17.56	17.29	19.50
3	16QAM	8	7	17.48	17.51	17.40	19.50
3	16QAM	15	0	17.46	17.52	17.56	19.50
3	64QAM	1	0	17.43	17.49	17.39	19.50
3	64QAM	1	8	17.34	17.44	17.44	19.50
3	64QAM	1	14	17.47	17.66	17.59	19.50
3	64QAM	8	0	17.56	17.64	17.56	19.50
3	64QAM	8	4	17.49	17.63	17.47	19.50
3	64QAM	8	7	17.43	17.52	17.34	19.50
3	64QAM	15	0	17.50	17.57	17.52	19.50
3	256QAM	1	0	17.37	17.58	17.53	19.50
3	256QAM	1	8	17.57	17.67	17.55	19.50
3	256QAM	1	14	17.31	17.55	17.33	19.50
3	256QAM	8	0	17.47	17.56	17.39	19.50
3	256QAM	8	4	17.47	17.50	17.46	19.50
3	256QAM	8	7	17.57	17.55	17.56	19.50
3	256QAM	15	0	17.51	17.66	17.53	19.50
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.77	17.77	17.68	19.50
1.4	QPSK	1	3	17.40	17.56	17.37	19.50
1.4	QPSK	1	5	17.65	17.64	17.59	19.50
1.4	QPSK	3	0	17.65	17.77	17.71	19.50
1.4	QPSK	3	1	17.64	17.72	17.67	19.50
1.4	QPSK	3	3	17.48	17.63	17.49	19.50
1.4	QPSK	6	0	17.57	17.69	17.62	19.50
1.4	16QAM	1	0	17.52	17.58	17.54	19.50
1.4	16QAM	1	3	17.50	17.55	17.45	19.50
1.4	16QAM	1	5	17.48	17.51	17.44	19.50
1.4	16QAM	3	0	17.50	17.59	17.45	19.50
1.4	16QAM	3	1	17.32	17.51	17.39	19.50
1.4	16QAM	3	3	17.49	17.56	17.48	19.50
1.4	16QAM	6	0	17.50	17.49	17.51	19.50
1.4	64QAM	1	0	17.40	17.43	17.44	19.50
1.4	64QAM	1	3	17.35	17.48	17.49	19.50
1.4	64QAM	1	5	17.58	17.64	17.50	19.50
1.4	64QAM	3	0	17.47	17.67	17.57	19.50
1.4	64QAM	3	1	17.58	17.54	17.51	19.50
1.4	64QAM	3	3	17.40	17.57	17.46	19.50
1.4	64QAM	6	0	17.47	17.57	17.56	19.50
1.4	256QAM	1	0	17.44	17.53	17.52	19.50
1.4	256QAM	1	3	17.49	17.70	17.52	19.50
1.4	256QAM	1	5	17.38	17.56	17.36	19.50
1.4	256QAM	3	0	17.53	17.59	17.51	19.50
1.4	256QAM	3	1	17.46	17.57	17.53	19.50
1.4	256QAM	3	3	17.46	17.60	17.48	19.50
1.4	256QAM	6	0	17.53	17.66	17.59	19.50



【LTE Band 66_Ant 5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.44	23.55	23.16	25.00
20	QPSK	1	49	23.24	23.48	23.07	25.00
20	QPSK	1	99	23.27	23.46	23.09	25.00
20	QPSK	50	0	22.47	22.59	22.21	24.00
20	QPSK	50	24	22.35	22.53	22.10	24.00
20	QPSK	50	50	22.43	22.56	22.13	24.00
20	QPSK	100	0	22.29	22.60	22.19	24.00
20	16QAM	1	0	22.51	22.56	22.26	24.00
20	16QAM	1	49	22.47	22.61	22.31	24.00
20	16QAM	1	99	22.57	22.68	22.35	24.00
20	16QAM	50	0	21.29	21.59	21.20	23.00
20	16QAM	50	24	21.42	21.50	21.17	23.00
20	16QAM	50	50	21.38	21.51	21.16	23.00
20	16QAM	100	0	21.39	21.62	21.21	23.00
20	64QAM	1	0	21.36	21.58	21.21	23.00
20	64QAM	1	49	21.49	21.60	21.23	23.00
20	64QAM	1	99	21.45	21.62	21.36	23.00
20	64QAM	50	0	20.31	20.51	20.12	22.00
20	64QAM	50	24	20.45	20.57	20.21	22.00
20	64QAM	50	50	20.49	20.53	20.13	22.00
20	64QAM	100	0	20.35	20.55	20.19	22.00
20	256QAM	1	0	18.34	18.57	18.29	20.00
20	256QAM	1	49	18.60	18.64	18.30	20.00
20	256QAM	1	99	18.43	18.61	18.30	20.00
20	256QAM	50	0	18.36	18.50	18.21	20.00
20	256QAM	50	24	18.41	18.55	18.26	20.00
20	256QAM	50	50	18.33	18.59	18.24	20.00
20	256QAM	100	0	18.41	18.59	18.27	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.36	23.46	23.06	25.00
15	QPSK	1	37	23.15	23.44	22.95	25.00
15	QPSK	1	74	23.14	23.33	22.95	25.00
15	QPSK	36	0	22.43	22.53	22.13	24.00
15	QPSK	36	20	22.27	22.40	21.99	24.00
15	QPSK	36	39	22.33	22.50	22.04	24.00
15	QPSK	75	0	22.22	22.59	22.17	24.00
15	16QAM	1	0	22.43	22.51	22.20	24.00
15	16QAM	1	37	22.32	22.58	22.17	24.00
15	16QAM	1	74	22.49	22.60	22.32	24.00
15	16QAM	36	0	21.16	21.54	21.09	23.00
15	16QAM	36	20	21.33	21.48	21.03	23.00
15	16QAM	36	39	21.34	21.48	21.04	23.00
15	16QAM	75	0	21.34	21.51	21.10	23.00
15	64QAM	1	0	21.24	21.57	21.10	23.00
15	64QAM	1	37	21.44	21.56	21.15	23.00
15	64QAM	1	74	21.38	21.58	21.34	23.00
15	64QAM	36	0	20.25	20.48	19.98	22.00
15	64QAM	36	20	20.39	20.53	20.14	22.00
15	64QAM	36	39	20.37	20.47	20.02	22.00
15	64QAM	75	0	20.31	20.50	20.08	22.00
15	256QAM	1	0	18.20	18.46	18.25	20.00
15	256QAM	1	37	18.54	18.63	18.20	20.00
15	256QAM	1	74	18.31	18.56	18.17	20.00
15	256QAM	36	0	18.27	18.48	18.12	20.00
15	256QAM	36	20	18.39	18.48	18.22	20.00
15	256QAM	36	39	18.27	18.51	18.22	20.00
15	256QAM	75	0	18.37	18.48	18.19	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.39	23.42	23.10	25.00
10	QPSK	1	25	23.19	23.39	23.04	25.00
10	QPSK	1	49	23.14	23.42	23.01	25.00
10	QPSK	25	0	22.42	22.55	22.07	24.00
10	QPSK	25	12	22.30	22.49	22.04	24.00
10	QPSK	25	25	22.42	22.47	22.06	24.00
10	QPSK	50	0	22.17	22.56	22.15	24.00
10	16QAM	1	0	22.44	22.43	22.19	24.00
10	16QAM	1	25	22.40	22.57	22.28	24.00
10	16QAM	1	49	22.51	22.58	22.30	24.00
10	16QAM	25	0	21.21	21.45	21.11	23.00



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10	16QAM	25	12	21.28	21.37	21.10	23.00
10	16QAM	25	25	21.34	21.38	21.09	23.00
10	16QAM	50	0	21.31	21.49	21.16	23.00
10	64QAM	1	0	21.35	21.46	21.08	23.00
10	64QAM	1	25	21.37	21.47	21.10	23.00
10	64QAM	1	49	21.34	21.51	21.28	23.00
10	64QAM	25	0	20.23	20.39	20.06	22.00
10	64QAM	25	12	20.41	20.44	20.13	22.00
10	64QAM	25	25	20.40	20.44	20.01	22.00
10	64QAM	50	0	20.27	20.53	20.12	22.00
10	256QAM	1	0	18.24	18.56	18.26	20.00
10	256QAM	1	25	18.52	18.63	18.24	20.00
10	256QAM	1	49	18.37	18.53	18.22	20.00
10	256QAM	25	0	18.25	18.35	18.19	20.00
10	256QAM	25	12	18.37	18.51	18.12	20.00
10	256QAM	25	25	18.28	18.47	18.21	20.00
10	256QAM	50	0	18.33	18.50	18.12	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.36	23.52	23.10	25.00
5	QPSK	1	12	23.18	23.46	22.99	25.00
5	QPSK	1	24	23.18	23.32	23.03	25.00
5	QPSK	12	0	22.39	22.58	22.18	24.00
5	QPSK	12	7	22.30	22.41	22.05	24.00
5	QPSK	12	13	22.28	22.54	22.08	24.00
5	QPSK	25	0	22.25	22.51	22.05	24.00
5	16QAM	1	0	22.36	22.49	22.12	24.00
5	16QAM	1	12	22.42	22.48	22.19	24.00
5	16QAM	1	24	22.54	22.60	22.30	24.00
5	16QAM	12	0	21.25	21.51	21.14	23.00
5	16QAM	12	7	21.31	21.44	21.11	23.00
5	16QAM	12	13	21.34	21.42	21.14	23.00
5	16QAM	25	0	21.28	21.54	21.06	23.00
5	64QAM	1	0	21.34	21.43	21.19	23.00
5	64QAM	1	12	21.45	21.58	21.15	23.00
5	64QAM	1	24	21.41	21.58	21.29	23.00
5	64QAM	12	0	20.25	20.41	20.07	22.00
5	64QAM	12	7	20.40	20.50	20.20	22.00
5	64QAM	12	13	20.34	20.51	20.10	22.00
5	64QAM	25	0	20.30	20.40	20.09	22.00
5	256QAM	1	0	18.25	18.50	18.24	20.00
5	256QAM	1	12	18.56	18.51	18.16	20.00
5	256QAM	1	24	18.34	18.59	18.28	20.00
5	256QAM	12	0	18.30	18.38	18.19	20.00
5	256QAM	12	7	18.39	18.49	18.19	20.00
5	256QAM	12	13	18.19	18.57	18.18	20.00
5	256QAM	25	0	18.27	18.49	18.14	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.42	23.53	23.12	25.00
3	QPSK	1	8	23.15	23.41	22.96	25.00
3	QPSK	1	14	23.15	23.35	22.94	25.00
3	QPSK	8	0	22.39	22.55	22.06	24.00
3	QPSK	8	4	22.27	22.39	22.03	24.00
3	QPSK	8	7	22.31	22.54	22.00	24.00
3	QPSK	15	0	22.27	22.52	22.07	24.00
3	16QAM	1	0	22.50	22.47	22.15	24.00
3	16QAM	1	8	22.41	22.54	22.28	24.00
3	16QAM	1	14	22.43	22.63	22.24	24.00
3	16QAM	8	0	21.27	21.55	21.13	23.00
3	16QAM	8	4	21.40	21.35	21.10	23.00
3	16QAM	8	7	21.31	21.40	21.01	23.00
3	16QAM	15	0	21.33	21.60	21.13	23.00
3	64QAM	1	0	21.35	21.47	21.09	23.00
3	64QAM	1	8	21.43	21.49	21.10	23.00
3	64QAM	1	14	21.39	21.47	21.29	23.00
3	64QAM	8	0	20.21	20.41	19.98	22.00
3	64QAM	8	4	20.30	20.56	20.16	22.00
3	64QAM	8	7	20.44	20.44	20.03	22.00
3	64QAM	15	0	20.23	20.43	20.13	22.00
3	256QAM	1	0	18.20	18.53	18.17	20.00
3	256QAM	1	8	18.47	18.56	18.26	20.00
3	256QAM	1	14	18.32	18.49	18.18	20.00
3	256QAM	8	0	18.24	18.43	18.11	20.00
3	256QAM	8	4	18.39	18.42	18.17	20.00
3	256QAM	8	7	18.30	18.51	18.16	20.00
3	256QAM	15	0	18.28	18.46	18.26	20.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.33	23.52	23.08	25.00
1.4	QPSK	1	3	23.20	23.34	22.98	25.00
1.4	QPSK	1	5	23.18	23.44	23.07	25.00
1.4	QPSK	3	0	23.39	23.45	23.07	25.00
1.4	QPSK	3	1	23.29	23.41	23.02	25.00
1.4	QPSK	3	3	23.28	23.51	23.00	25.00
1.4	QPSK	6	0	22.17	22.49	22.12	24.00
1.4	16QAM	1	0	22.37	22.46	22.13	24.00
1.4	16QAM	1	3	22.42	22.47	22.25	24.00
1.4	16QAM	1	5	22.51	22.63	22.20	24.00
1.4	16QAM	3	0	22.17	22.54	22.16	24.00
1.4	16QAM	3	1	22.31	22.42	22.07	24.00
1.4	16QAM	3	3	22.24	22.40	22.12	24.00
1.4	16QAM	6	0	21.30	21.54	21.11	23.00
1.4	64QAM	1	0	21.26	21.52	21.08	23.00
1.4	64QAM	1	3	21.37	21.51	21.09	23.00
1.4	64QAM	1	5	21.41	21.48	21.23	23.00
1.4	64QAM	3	0	21.28	21.44	20.97	23.00
1.4	64QAM	3	1	21.35	21.50	21.06	23.00
1.4	64QAM	3	3	21.37	21.41	21.11	23.00
1.4	64QAM	6	0	20.20	20.47	20.09	22.00
1.4	256QAM	1	0	18.20	18.43	18.16	20.00
1.4	256QAM	1	3	18.57	18.61	18.17	20.00
1.4	256QAM	1	5	18.29	18.50	18.28	20.00
1.4	256QAM	3	0	18.24	18.36	18.14	20.00
1.4	256QAM	3	1	18.37	18.47	18.20	20.00
1.4	256QAM	3	3	18.22	18.48	18.12	20.00
1.4	256QAM	6	0	18.36	18.55	18.24	20.00

【LTE Band 66_Ant 5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.91	24.07	23.97	25.50
20	QPSK	1	49	23.84	24.01	23.88	25.50
20	QPSK	1	99	23.83	23.96	23.92	25.50
20	QPSK	50	0	22.92	23.10	23.07	24.50
20	QPSK	50	24	22.87	22.97	22.80	24.50
20	QPSK	50	50	22.88	22.98	22.99	24.50
20	QPSK	100	0	23.07	23.09	22.97	24.50
20	16QAM	1	0	22.92	23.07	22.95	24.50
20	16QAM	1	49	22.95	23.07	22.99	24.50
20	16QAM	1	99	23.07	23.18	23.07	24.50
20	16QAM	50	0	21.88	22.10	22.00	23.50
20	16QAM	50	24	21.87	22.02	21.95	23.50
20	16QAM	50	50	21.99	22.10	21.97	23.50
20	16QAM	100	0	21.98	22.08	21.94	23.50
20	64QAM	1	0	21.82	21.89	21.81	23.50
20	64QAM	1	49	21.89	21.94	21.87	23.50
20	64QAM	1	99	21.97	22.05	22.05	23.50
20	64QAM	50	0	20.91	21.09	21.04	22.50
20	64QAM	50	24	20.95	20.96	20.86	22.50
20	64QAM	50	50	20.85	20.96	20.87	22.50
20	64QAM	100	0	20.85	20.94	20.90	22.50
20	256QAM	1	0	18.67	18.93	18.69	20.50
20	256QAM	1	49	18.86	18.92	18.83	20.50
20	256QAM	1	99	18.77	18.93	18.81	20.50
20	256QAM	50	0	18.92	19.05	19.02	20.50
20	256QAM	50	24	18.91	19.00	18.94	20.50
20	256QAM	50	50	18.79	19.02	18.86	20.50
20	256QAM	100	0	18.89	18.99	18.97	20.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.79	23.96	23.88	25.50
15	QPSK	1	37	23.83	23.98	23.83	25.50
15	QPSK	1	74	23.77	23.87	23.84	25.50
15	QPSK	36	0	22.78	23.01	23.04	24.50
15	QPSK	36	20	22.77	22.92	22.76	24.50
15	QPSK	36	39	22.78	22.95	22.94	24.50
15	QPSK	75	0	23.03	23.05	22.90	24.50



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15	16QAM	1	0	22.81	22.93	22.93	24.50
15	16QAM	1	37	22.92	22.96	22.93	24.50
15	16QAM	1	74	22.97	23.11	23.00	24.50
15	16QAM	36	0	21.77	22.02	21.96	23.50
15	16QAM	36	20	21.83	22.01	21.83	23.50
15	16QAM	36	39	21.93	22.03	21.82	23.50
15	16QAM	75	0	21.90	22.06	21.86	23.50
15	64QAM	1	0	21.74	21.82	21.69	23.50
15	64QAM	1	37	21.83	21.92	21.77	23.50
15	64QAM	1	74	21.83	22.01	21.99	23.50
15	64QAM	36	0	20.83	21.07	20.92	22.50
15	64QAM	36	20	20.87	20.88	20.84	22.50
15	64QAM	36	39	20.80	20.85	20.84	22.50
15	64QAM	75	0	20.70	20.84	20.85	22.50
15	256QAM	1	0	18.62	18.83	18.59	20.50
15	256QAM	1	37	18.83	18.88	18.73	20.50
15	256QAM	1	74	18.67	18.81	18.70	20.50
15	256QAM	36	0	18.79	18.99	19.00	20.50
15	256QAM	36	20	18.86	18.96	18.92	20.50
15	256QAM	36	39	18.66	18.94	18.74	20.50
15	256QAM	75	0	18.79	18.86	18.85	20.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.87	24.00	23.92	25.50
10	QPSK	1	25	23.71	23.90	23.78	25.50
10	QPSK	1	49	23.78	23.86	23.87	25.50
10	QPSK	25	0	22.83	23.09	23.03	24.50
10	QPSK	25	12	22.82	22.84	22.74	24.50
10	QPSK	25	25	22.84	22.94	22.89	24.50
10	QPSK	50	0	22.96	23.03	22.96	24.50
10	16QAM	1	0	22.83	22.98	22.87	24.50
10	16QAM	1	25	22.86	23.02	22.88	24.50
10	16QAM	1	49	22.96	23.03	22.98	24.50
10	16QAM	25	0	21.78	21.99	21.93	23.50
10	16QAM	25	12	21.83	21.89	21.83	23.50
10	16QAM	25	25	21.91	21.97	21.92	23.50
10	16QAM	50	0	21.84	21.99	21.87	23.50
10	64QAM	1	0	21.76	21.83	21.72	23.50
10	64QAM	1	25	21.85	21.93	21.74	23.50
10	64QAM	1	49	21.96	21.93	21.94	23.50
10	64QAM	25	0	20.78	21.08	21.02	22.50
10	64QAM	25	12	20.84	20.85	20.80	22.50
10	64QAM	25	25	20.84	20.88	20.94	22.50
10	64QAM	50	0	20.76	20.83	20.79	22.50
10	256QAM	1	0	18.53	18.80	18.66	20.50
10	256QAM	1	25	18.76	18.90	18.80	20.50
10	256QAM	1	49	18.74	18.82	18.70	20.50
10	256QAM	25	0	18.78	18.91	18.97	20.50
10	256QAM	25	12	18.79	18.88	18.81	20.50
10	256QAM	25	25	18.66	18.88	18.74	20.50
10	256QAM	50	0	18.86	18.95	18.86	20.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.89	23.98	23.88	25.50
5	QPSK	1	12	23.70	23.90	23.77	25.50
5	QPSK	1	24	23.75	23.83	23.86	25.50
5	QPSK	12	0	22.87	23.04	22.97	24.50
5	QPSK	12	7	22.77	22.83	22.70	24.50
5	QPSK	12	13	22.75	22.89	22.95	24.50
5	QPSK	25	0	23.03	22.98	22.94	24.50
5	16QAM	1	0	22.90	22.94	22.90	24.50
5	16QAM	1	12	22.84	23.00	22.89	24.50
5	16QAM	1	24	23.03	23.07	22.99	24.50
5	16QAM	12	0	21.77	21.98	21.96	23.50
5	16QAM	12	7	21.86	21.91	21.89	23.50
5	16QAM	12	13	21.84	22.01	21.94	23.50
5	16QAM	25	0	21.83	21.95	21.87	23.50
5	64QAM	1	0	21.69	21.84	21.67	23.50
5	64QAM	1	12	21.83	21.84	21.82	23.50
5	64QAM	1	24	21.82	22.01	22.04	23.50
5	64QAM	12	0	20.76	21.07	20.91	22.50
5	64QAM	12	7	20.83	20.87	20.78	22.50
5	64QAM	12	13	20.80	20.91	20.87	22.50
5	64QAM	25	0	20.71	20.90	20.76	22.50
5	256QAM	1	0	18.59	18.78	18.62	20.50
5	256QAM	1	12	18.79	18.79	18.68	20.50
5	256QAM	1	24	18.68	18.92	18.78	20.50
5	256QAM	12	0	18.85	18.94	18.91	20.50



5	256QAM	12	7	18.88	18.87	18.81	20.50
5	256QAM	12	13	18.68	18.95	18.78	20.50
5	256QAM	25	0	18.87	18.90	18.93	20.50
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.81	24.03	23.85	25.50
3	QPSK	1	8	23.73	23.94	23.79	25.50
3	QPSK	1	14	23.79	23.85	23.89	25.50
3	QPSK	8	0	22.88	23.01	23.01	24.50
3	QPSK	8	4	22.78	22.90	22.66	24.50
3	QPSK	8	7	22.82	22.89	22.88	24.50
3	QPSK	15	0	22.99	23.06	22.85	24.50
3	16QAM	1	0	22.88	22.96	22.85	24.50
3	16QAM	1	8	22.86	22.94	22.93	24.50
3	16QAM	1	14	22.95	23.07	22.93	24.50
3	16QAM	8	0	21.86	22.00	21.87	23.50
3	16QAM	8	4	21.78	21.88	21.86	23.50
3	16QAM	8	7	21.89	22.01	21.93	23.50
3	16QAM	15	0	21.92	21.96	21.80	23.50
3	64QAM	1	0	21.77	21.84	21.72	23.50
3	64QAM	1	8	21.88	21.83	21.82	23.50
3	64QAM	1	14	21.94	21.99	22.00	23.50
3	64QAM	8	0	20.84	21.00	20.92	22.50
3	64QAM	8	4	20.86	20.94	20.72	22.50
3	64QAM	8	7	20.73	20.82	20.90	22.50
3	64QAM	15	0	20.76	20.84	20.88	22.50
3	256QAM	1	0	18.65	18.79	18.62	20.50
3	256QAM	1	8	18.73	18.80	18.77	20.50
3	256QAM	1	14	18.65	18.85	18.72	20.50
3	256QAM	8	0	18.79	18.93	18.87	20.50
3	256QAM	8	4	18.86	18.86	18.87	20.50
3	256QAM	8	7	18.66	18.87	18.79	20.50
3	256QAM	15	0	18.86	18.95	18.82	20.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.82	23.98	23.88	25.50
1.4	QPSK	1	3	23.83	23.87	23.81	25.50
1.4	QPSK	1	5	23.69	23.91	23.87	25.50
1.4	QPSK	3	0	23.86	24.02	23.98	25.50
1.4	QPSK	3	1	23.85	23.85	23.72	25.50
1.4	QPSK	3	3	23.84	23.90	23.92	25.50
1.4	QPSK	6	0	22.92	23.03	22.92	24.50
1.4	16QAM	1	0	22.89	23.06	22.92	24.50
1.4	16QAM	1	3	22.81	22.98	22.87	24.50
1.4	16QAM	1	5	22.93	23.12	22.96	24.50
1.4	16QAM	3	0	22.86	23.06	22.94	24.50
1.4	16QAM	3	1	22.79	22.96	22.82	24.50
1.4	16QAM	3	3	22.84	23.07	22.90	24.50
1.4	16QAM	6	0	21.85	22.03	21.85	23.50
1.4	64QAM	1	0	21.74	21.86	21.69	23.50
1.4	64QAM	1	3	21.87	21.90	21.79	23.50
1.4	64QAM	1	5	21.83	22.00	21.90	23.50
1.4	64QAM	3	0	21.84	22.07	22.02	23.50
1.4	64QAM	3	1	21.89	21.89	21.81	23.50
1.4	64QAM	3	3	21.72	21.85	21.88	23.50
1.4	64QAM	6	0	20.77	20.80	20.87	22.50
1.4	256QAM	1	0	18.62	18.92	18.60	20.50
1.4	256QAM	1	3	18.74	18.89	18.72	20.50
1.4	256QAM	1	5	18.75	18.86	18.74	20.50
1.4	256QAM	3	0	18.90	19.03	18.94	20.50
1.4	256QAM	3	1	18.87	18.98	18.81	20.50
1.4	256QAM	3	3	18.75	18.88	18.81	20.50
1.4	256QAM	6	0	18.75	18.91	18.91	20.50



【LTE Band 66_Ant 5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.67	21.72	21.68	23.50
20	QPSK	1	49	21.56	21.72	21.60	23.50
20	QPSK	1	99	21.57	21.71	21.62	23.50
20	QPSK	50	0	20.68	20.82	20.64	22.50
20	QPSK	50	24	20.60	20.72	20.53	22.50
20	QPSK	50	50	20.61	20.74	20.67	22.50
20	QPSK	100	0	20.76	20.82	20.75	22.50
20	16QAM	1	0	20.67	20.82	20.70	22.50
20	16QAM	1	49	20.66	20.82	20.67	22.50
20	16QAM	1	99	20.80	20.92	20.82	22.50
20	16QAM	50	0	19.65	19.82	19.76	21.50
20	16QAM	50	24	19.58	19.72	19.67	21.50
20	16QAM	50	50	19.70	19.82	19.73	21.50
20	16QAM	100	0	19.68	19.82	19.70	21.50
20	64QAM	1	0	19.51	19.62	19.55	21.50
20	64QAM	1	49	19.58	19.72	19.63	21.50
20	64QAM	1	99	19.70	19.82	19.76	21.50
20	64QAM	50	0	18.64	18.82	18.77	20.50
20	64QAM	50	24	18.65	18.72	18.57	20.50
20	64QAM	50	50	18.57	18.72	18.66	20.50
20	64QAM	100	0	18.57	18.72	18.66	20.50
20	256QAM	1	0	16.44	16.62	16.45	18.50
20	256QAM	1	49	16.54	16.62	16.56	18.50
20	256QAM	1	99	16.47	16.62	16.53	18.50
20	256QAM	50	0	16.63	16.82	16.76	18.50
20	256QAM	50	24	16.65	16.72	16.67	18.50
20	256QAM	50	50	16.55	16.72	16.64	18.50
20	256QAM	100	0	16.60	16.72	16.66	18.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.60	21.70	21.67	23.50
15	QPSK	1	37	21.42	21.67	21.52	23.50
15	QPSK	1	74	21.48	21.57	21.54	23.50
15	QPSK	36	0	20.54	20.76	20.53	22.50
15	QPSK	36	20	20.46	20.63	20.51	22.50
15	QPSK	36	39	20.60	20.71	20.56	22.50
15	QPSK	75	0	20.74	20.73	20.64	22.50
15	16QAM	1	0	20.55	20.77	20.58	22.50
15	16QAM	1	37	20.53	20.74	20.62	22.50
15	16QAM	1	74	20.66	20.78	20.80	22.50
15	16QAM	36	0	19.51	19.70	19.74	21.50
15	16QAM	36	20	19.48	19.62	19.63	21.50
15	16QAM	36	39	19.59	19.75	19.64	21.50
15	16QAM	75	0	19.60	19.77	19.60	21.50
15	64QAM	1	0	19.48	19.50	19.51	21.50
15	64QAM	1	37	19.52	19.69	19.54	21.50
15	64QAM	1	74	19.68	19.77	19.66	21.50
15	64QAM	36	0	18.57	18.71	18.67	20.50
15	64QAM	36	20	18.57	18.58	18.51	20.50
15	64QAM	36	39	18.47	18.61	18.52	20.50
15	64QAM	75	0	18.52	18.71	18.60	20.50
15	256QAM	1	0	16.42	16.50	16.38	18.50
15	256QAM	1	37	16.46	16.56	16.44	18.50
15	256QAM	1	74	16.42	16.48	16.44	18.50
15	256QAM	36	0	16.50	16.78	16.69	18.50
15	256QAM	36	20	16.58	16.65	16.60	18.50
15	256QAM	36	39	16.43	16.58	16.58	18.50
15	256QAM	75	0	16.54	16.69	16.62	18.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.53	21.65	21.58	23.50
10	QPSK	1	25	21.42	21.65	21.52	23.50
10	QPSK	1	49	21.43	21.66	21.61	23.50
10	QPSK	25	0	20.57	20.79	20.53	22.50
10	QPSK	25	12	20.48	20.69	20.50	22.50
10	QPSK	25	25	20.47	20.61	20.57	22.50
10	QPSK	50	0	20.68	20.73	20.65	22.50
10	16QAM	1	0	20.59	20.74	20.63	22.50
10	16QAM	1	25	20.64	20.76	20.53	22.50
10	16QAM	1	49	20.67	20.90	20.72	22.50
10	16QAM	25	0	19.54	19.79	19.64	21.50



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10	16QAM	25	12	19.46	19.65	19.54	21.50
10	16QAM	25	25	19.67	19.69	19.60	21.50
10	16QAM	50	0	19.63	19.80	19.69	21.50
10	64QAM	1	0	19.46	19.59	19.45	21.50
10	64QAM	1	25	19.46	19.68	19.53	21.50
10	64QAM	1	49	19.68	19.76	19.62	21.50
10	64QAM	25	0	18.50	18.70	18.72	20.50
10	64QAM	25	12	18.55	18.67	18.55	20.50
10	64QAM	25	25	18.51	18.67	18.59	20.50
10	64QAM	50	0	18.43	18.63	18.63	20.50
10	256QAM	1	0	16.34	16.51	16.34	18.50
10	256QAM	1	25	16.50	16.48	16.51	18.50
10	256QAM	1	49	16.37	16.52	16.49	18.50
10	256QAM	25	0	16.53	16.73	16.70	18.50
10	256QAM	25	12	16.54	16.65	16.59	18.50
10	256QAM	25	25	16.41	16.67	16.54	18.50
10	256QAM	50	0	16.46	16.62	16.59	18.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.65	21.60	21.57	23.50
5	QPSK	1	12	21.47	21.68	21.47	23.50
5	QPSK	1	24	21.49	21.66	21.55	23.50
5	QPSK	12	0	20.55	20.76	20.54	22.50
5	QPSK	12	7	20.47	20.59	20.48	22.50
5	QPSK	12	13	20.48	20.68	20.64	22.50
5	QPSK	25	0	20.72	20.81	20.73	22.50
5	16QAM	1	0	20.55	20.73	20.59	22.50
5	16QAM	1	12	20.52	20.70	20.56	22.50
5	16QAM	1	24	20.68	20.91	20.81	22.50
5	16QAM	12	0	19.59	19.69	19.74	21.50
5	16QAM	12	7	19.47	19.68	19.63	21.50
5	16QAM	12	13	19.65	19.70	19.58	21.50
5	16QAM	25	0	19.54	19.69	19.57	21.50
5	64QAM	1	0	19.45	19.53	19.45	21.50
5	64QAM	1	12	19.55	19.65	19.49	21.50
5	64QAM	1	24	19.65	19.70	19.72	21.50
5	64QAM	12	0	18.61	18.73	18.65	20.50
5	64QAM	12	7	18.60	18.66	18.49	20.50
5	64QAM	12	13	18.48	18.69	18.56	20.50
5	64QAM	25	0	18.50	18.68	18.55	20.50
5	256QAM	1	0	16.33	16.56	16.42	18.50
5	256QAM	1	12	16.46	16.52	16.48	18.50
5	256QAM	1	24	16.36	16.51	16.51	18.50
5	256QAM	12	0	16.53	16.76	16.62	18.50
5	256QAM	12	7	16.56	16.64	16.52	18.50
5	256QAM	12	13	16.54	16.62	16.53	18.50
5	256QAM	25	0	16.47	16.68	16.56	18.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.62	21.59	21.64	23.50
3	QPSK	1	8	21.52	21.59	21.57	23.50
3	QPSK	1	14	21.43	21.65	21.61	23.50
3	QPSK	8	0	20.59	20.68	20.56	22.50
3	QPSK	8	4	20.55	20.64	20.46	22.50
3	QPSK	8	7	20.58	20.69	20.61	22.50
3	QPSK	15	0	20.75	20.80	20.73	22.50
3	16QAM	1	0	20.60	20.80	20.66	22.50
3	16QAM	1	8	20.59	20.80	20.66	22.50
3	16QAM	1	14	20.72	20.90	20.68	22.50
3	16QAM	8	0	19.63	19.79	19.65	21.50
3	16QAM	8	4	19.50	19.67	19.56	21.50
3	16QAM	8	7	19.67	19.80	19.63	21.50
3	16QAM	15	0	19.55	19.73	19.62	21.50
3	64QAM	1	0	19.48	19.53	19.43	21.50
3	64QAM	1	8	19.53	19.63	19.58	21.50
3	64QAM	1	14	19.65	19.75	19.64	21.50
3	64QAM	8	0	18.61	18.73	18.76	20.50
3	64QAM	8	4	18.52	18.62	18.42	20.50
3	64QAM	8	7	18.48	18.64	18.60	20.50
3	64QAM	15	0	18.56	18.59	18.52	20.50
3	256QAM	1	0	16.40	16.51	16.31	18.50
3	256QAM	1	8	16.50	16.59	16.53	18.50
3	256QAM	1	14	16.36	16.60	16.48	18.50
3	256QAM	8	0	16.58	16.68	16.67	18.50
3	256QAM	8	4	16.59	16.62	16.52	18.50
3	256QAM	8	7	16.47	16.58	16.58	18.50
3	256QAM	15	0	16.50	16.70	16.63	18.50
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	21.62	21.58	21.55	23.50
1.4	QPSK	1	3	21.49	21.64	21.58	23.50
1.4	QPSK	1	5	21.49	21.59	21.54	23.50
1.4	QPSK	3	0	21.55	21.73	21.61	23.50
1.4	QPSK	3	1	21.53	21.69	21.43	23.50
1.4	QPSK	3	3	21.55	21.68	21.54	23.50
1.4	QPSK	6	0	20.68	20.71	20.73	22.50
1.4	16QAM	1	0	20.56	20.73	20.61	22.50
1.4	16QAM	1	3	20.62	20.73	20.54	22.50
1.4	16QAM	1	5	20.76	20.90	20.73	22.50
1.4	16QAM	3	0	20.57	20.68	20.61	22.50
1.4	16QAM	3	1	20.55	20.57	20.54	22.50
1.4	16QAM	3	3	20.56	20.69	20.63	22.50
1.4	16QAM	6	0	19.53	19.80	19.68	21.50
1.4	64QAM	1	0	19.40	19.54	19.48	21.50
1.4	64QAM	1	3	19.54	19.70	19.54	21.50
1.4	64QAM	1	5	19.68	19.75	19.64	21.50
1.4	64QAM	3	0	19.52	19.70	19.67	21.50
1.4	64QAM	3	1	19.52	19.59	19.48	21.50
1.4	64QAM	3	3	19.49	19.59	19.51	21.50
1.4	64QAM	6	0	18.53	18.69	18.62	20.50
1.4	256QAM	1	0	16.36	16.56	16.32	18.50
1.4	256QAM	1	3	16.41	16.60	16.47	18.50
1.4	256QAM	1	5	16.36	16.50	16.50	18.50
1.4	256QAM	3	0	16.50	16.73	16.67	18.50
1.4	256QAM	3	1	16.62	16.68	16.58	18.50
1.4	256QAM	3	3	16.44	16.66	16.53	18.50
1.4	256QAM	6	0	16.45	16.69	16.56	18.50

【LTE Band 66_Ant 5_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.53	17.59	17.50	19.00
20	QPSK	1	49	17.32	17.41	17.21	19.00
20	QPSK	1	99	17.36	17.48	17.34	19.00
20	QPSK	50	0	17.48	17.55	17.46	19.00
20	QPSK	50	24	17.24	17.43	17.31	19.00
20	QPSK	50	50	17.28	17.38	17.20	19.00
20	QPSK	100	0	17.16	17.54	17.20	19.00
20	16QAM	1	0	17.21	17.36	17.17	19.00
20	16QAM	1	49	17.20	17.35	17.12	19.00
20	16QAM	1	99	17.18	17.31	17.10	19.00
20	16QAM	50	0	17.20	17.31	17.17	19.00
20	16QAM	50	24	17.19	17.36	17.24	19.00
20	16QAM	50	50	17.25	17.35	17.11	19.00
20	16QAM	100	0	17.06	17.26	17.06	19.00
20	64QAM	1	0	17.15	17.26	17.03	19.00
20	64QAM	1	49	17.15	17.27	17.05	19.00
20	64QAM	1	99	17.28	17.38	17.17	19.00
20	64QAM	50	0	17.23	17.30	17.13	19.00
20	64QAM	50	24	17.15	17.35	17.19	19.00
20	64QAM	50	50	17.23	17.32	17.14	19.00
20	64QAM	100	0	17.09	17.25	17.10	19.00
20	256QAM	1	0	17.13	17.27	17.07	19.00
20	256QAM	1	49	17.17	17.25	17.15	19.00
20	256QAM	1	99	17.15	17.34	17.14	19.00
20	256QAM	50	0	17.28	17.36	17.23	19.00
20	256QAM	50	24	17.21	17.36	17.19	19.00
20	256QAM	50	50	17.27	17.39	17.17	19.00
20	256QAM	100	0	17.11	17.27	17.14	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.31	17.45	17.29	19.00
15	QPSK	1	37	17.29	17.32	17.17	19.00
15	QPSK	1	74	17.25	17.37	17.26	19.00
15	QPSK	36	0	17.23	17.44	17.11	19.00
15	QPSK	36	20	17.19	17.37	17.29	19.00
15	QPSK	36	39	17.17	17.27	17.18	19.00
15	QPSK	75	0	17.09	17.20	17.15	19.00



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15	16QAM	1	0	17.07	17.29	17.12	19.00
15	16QAM	1	37	17.13	17.29	17.02	19.00
15	16QAM	1	74	17.08	17.25	16.97	19.00
15	16QAM	36	0	17.10	17.20	17.16	19.00
15	16QAM	36	20	17.16	17.31	17.22	19.00
15	16QAM	36	39	17.17	17.29	16.97	19.00
15	16QAM	75	0	17.02	17.21	16.92	19.00
15	64QAM	1	0	17.14	17.14	16.91	19.00
15	64QAM	1	37	17.12	17.13	16.95	19.00
15	64QAM	1	74	17.17	17.28	17.11	19.00
15	64QAM	36	0	17.20	17.20	17.08	19.00
15	64QAM	36	20	17.09	17.32	17.17	19.00
15	64QAM	36	39	17.09	17.23	17.06	19.00
15	64QAM	75	0	17.03	17.18	16.99	19.00
15	256QAM	1	0	17.09	17.13	16.96	19.00
15	256QAM	1	37	17.11	17.16	17.07	19.00
15	256QAM	1	74	17.11	17.20	17.11	19.00
15	256QAM	36	0	17.16	17.30	17.17	19.00
15	256QAM	36	20	17.12	17.29	17.15	19.00
15	256QAM	36	39	17.17	17.33	17.08	19.00
15	256QAM	75	0	17.03	17.16	17.08	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.28	17.36	17.32	19.00
10	QPSK	1	25	17.19	17.30	17.11	19.00
10	QPSK	1	49	17.25	17.46	17.26	19.00
10	QPSK	25	0	17.22	17.39	17.16	19.00
10	QPSK	25	12	17.21	17.31	17.28	19.00
10	QPSK	25	25	17.19	17.29	17.06	19.00
10	QPSK	50	0	17.10	17.21	17.07	19.00
10	16QAM	1	0	17.13	17.31	17.08	19.00
10	16QAM	1	25	17.18	17.21	17.05	19.00
10	16QAM	1	49	17.14	17.22	17.04	19.00
10	16QAM	25	0	17.18	17.30	17.15	19.00
10	16QAM	25	12	17.14	17.34	17.23	19.00
10	16QAM	25	25	17.22	17.24	16.98	19.00
10	16QAM	50	0	16.98	17.12	17.03	19.00
10	64QAM	1	0	17.09	17.12	16.90	19.00
10	64QAM	1	25	17.03	17.19	16.99	19.00
10	64QAM	1	49	17.19	17.33	17.03	19.00
10	64QAM	25	0	17.10	17.24	17.00	19.00
10	64QAM	25	12	17.14	17.32	17.17	19.00
10	64QAM	25	25	17.12	17.31	17.10	19.00
10	64QAM	50	0	17.01	17.22	16.95	19.00
10	256QAM	1	0	17.07	17.14	16.96	19.00
10	256QAM	1	25	17.11	17.13	17.08	19.00
10	256QAM	1	49	17.07	17.23	17.00	19.00
10	256QAM	25	0	17.16	17.22	17.20	19.00
10	256QAM	25	12	17.07	17.28	17.12	19.00
10	256QAM	25	25	17.19	17.25	17.07	19.00
10	256QAM	50	0	17.06	17.22	17.07	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.36	17.44	17.32	19.00
5	QPSK	1	12	17.21	17.38	17.16	19.00
5	QPSK	1	24	17.32	17.33	17.32	19.00
5	QPSK	12	0	17.20	17.37	17.15	19.00
5	QPSK	12	7	17.19	17.35	17.29	19.00
5	QPSK	12	13	17.17	17.33	17.19	19.00
5	QPSK	25	0	17.03	17.19	17.14	19.00
5	16QAM	1	0	17.16	17.33	17.13	19.00
5	16QAM	1	12	17.15	17.24	17.08	19.00
5	16QAM	1	24	17.03	17.24	17.08	19.00
5	16QAM	12	0	17.17	17.26	17.05	19.00
5	16QAM	12	7	17.08	17.33	17.21	19.00
5	16QAM	12	13	17.23	17.28	17.01	19.00
5	16QAM	25	0	17.04	17.15	16.99	19.00
5	64QAM	1	0	17.12	17.13	17.01	19.00
5	64QAM	1	12	17.10	17.26	16.96	19.00
5	64QAM	1	24	17.16	17.27	17.13	19.00
5	64QAM	12	0	17.20	17.25	17.02	19.00
5	64QAM	12	7	17.14	17.26	17.06	19.00
5	64QAM	12	13	17.11	17.26	17.03	19.00
5	64QAM	25	0	17.05	17.15	16.96	19.00
5	256QAM	1	0	17.05	17.16	16.95	19.00
5	256QAM	1	12	17.06	17.13	17.05	19.00
5	256QAM	1	24	17.10	17.25	17.01	19.00
5	256QAM	12	0	17.25	17.25	17.18	19.00



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5	256QAM	12	7	17.17	17.32	17.17	19.00
5	256QAM	12	13	17.17	17.35	17.15	19.00
5	256QAM	25	0	16.99	17.24	17.12	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.34	17.42	17.25	19.00
3	QPSK	1	8	17.29	17.40	17.08	19.00
3	QPSK	1	14	17.23	17.34	17.22	19.00
3	QPSK	8	0	17.20	17.35	17.12	19.00
3	QPSK	8	4	17.12	17.29	17.26	19.00
3	QPSK	8	7	17.16	17.24	17.07	19.00
3	QPSK	15	0	17.11	17.31	17.07	19.00
3	16QAM	1	0	17.15	17.27	17.03	19.00
3	16QAM	1	8	17.10	17.28	17.00	19.00
3	16QAM	1	14	17.04	17.28	17.05	19.00
3	16QAM	8	0	17.15	17.26	17.15	19.00
3	16QAM	8	4	17.07	17.24	17.22	19.00
3	16QAM	8	7	17.20	17.23	17.06	19.00
3	16QAM	15	0	17.02	17.17	16.95	19.00
3	64QAM	1	0	17.07	17.17	16.89	19.00
3	64QAM	1	8	17.02	17.18	16.94	19.00
3	64QAM	1	14	17.25	17.23	17.13	19.00
3	64QAM	8	0	17.15	17.21	17.05	19.00
3	64QAM	8	4	17.05	17.21	17.09	19.00
3	64QAM	8	7	17.16	17.29	17.10	19.00
3	64QAM	15	0	17.07	17.12	17.08	19.00
3	256QAM	1	0	17.04	17.23	16.96	19.00
3	256QAM	1	8	17.16	17.23	17.02	19.00
3	256QAM	1	14	17.01	17.25	17.07	19.00
3	256QAM	8	0	17.25	17.28	17.17	19.00
3	256QAM	8	4	17.14	17.26	17.06	19.00
3	256QAM	8	7	17.15	17.28	17.14	19.00
3	256QAM	15	0	17.09	17.22	17.11	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.37	17.47	17.28	19.00
1.4	QPSK	1	3	17.31	17.33	17.13	19.00
1.4	QPSK	1	5	17.33	17.46	17.20	19.00
1.4	QPSK	3	0	17.24	17.41	17.11	19.00
1.4	QPSK	3	1	17.14	17.30	17.22	19.00
1.4	QPSK	3	3	17.20	17.28	17.14	19.00
1.4	QPSK	6	0	17.08	17.20	17.14	19.00
1.4	16QAM	1	0	17.10	17.24	17.15	19.00
1.4	16QAM	1	3	17.09	17.31	17.11	19.00
1.4	16QAM	1	5	17.12	17.26	16.99	19.00
1.4	16QAM	3	0	17.17	17.16	17.11	19.00
1.4	16QAM	3	1	17.16	17.23	17.12	19.00
1.4	16QAM	3	3	17.18	17.25	17.00	19.00
1.4	16QAM	6	0	17.05	17.20	16.99	19.00
1.4	64QAM	1	0	17.10	17.21	16.90	19.00
1.4	64QAM	1	3	17.03	17.13	16.96	19.00
1.4	64QAM	1	5	17.19	17.31	17.03	19.00
1.4	64QAM	3	0	17.16	17.16	17.09	19.00
1.4	64QAM	3	1	17.00	17.29	17.09	19.00
1.4	64QAM	3	3	17.21	17.23	17.06	19.00
1.4	64QAM	6	0	17.06	17.20	16.97	19.00
1.4	256QAM	1	0	17.04	17.18	17.00	19.00
1.4	256QAM	1	3	17.09	17.13	17.09	19.00
1.4	256QAM	1	5	17.11	17.32	17.05	19.00
1.4	256QAM	3	0	17.21	17.29	17.18	19.00
1.4	256QAM	3	1	17.16	17.21	17.05	19.00
1.4	256QAM	3	3	17.13	17.30	17.13	19.00
1.4	256QAM	6	0	17.03	17.19	17.13	19.00



【LTE Band 66_Ant 5_ECI1-1】

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	17.56	17.61	17.52	19.00
20	QPSK	1	49	17.09	17.23	17.04	19.00
20	QPSK	1	99	17.20	17.36	17.23	19.00
20	QPSK	50	0	17.46	17.57	17.47	19.00
20	QPSK	50	24	17.17	17.25	17.09	19.00
20	QPSK	50	50	17.15	17.31	17.17	19.00
20	QPSK	100	0	17.44	17.55	17.46	19.00
20	16QAM	1	0	17.05	17.25	17.02	19.00
20	16QAM	1	49	17.21	17.31	17.18	19.00
20	16QAM	1	99	17.11	17.29	17.13	19.00
20	16QAM	50	0	17.23	17.33	17.18	19.00
20	16QAM	50	24	17.24	17.34	17.21	19.00
20	16QAM	50	50	17.16	17.25	17.12	19.00
20	16QAM	100	0	17.23	17.37	17.27	19.00
20	64QAM	1	0	17.25	17.36	17.17	19.00
20	64QAM	1	49	17.07	17.24	17.10	19.00
20	64QAM	1	99	17.04	17.23	17.07	19.00
20	64QAM	50	0	17.07	17.23	17.01	19.00
20	64QAM	50	24	17.17	17.36	17.18	19.00
20	64QAM	50	50	17.14	17.23	17.08	19.00
20	64QAM	100	0	17.26	17.33	17.13	19.00
20	256QAM	1	0	17.25	17.36	17.26	19.00
20	256QAM	1	49	17.26	17.34	17.17	19.00
20	256QAM	1	99	17.20	17.32	17.09	19.00
20	256QAM	50	0	17.35	17.51	17.38	19.00
20	256QAM	50	24	17.16	17.23	17.12	19.00
20	256QAM	50	50	17.21	17.36	17.12	19.00
20	256QAM	100	0	17.24	17.44	17.26	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.35	17.41	17.37	19.00
15	QPSK	1	37	17.07	17.12	16.92	19.00
15	QPSK	1	74	17.11	17.33	17.14	19.00
15	QPSK	36	0	17.24	17.34	17.28	19.00
15	QPSK	36	20	17.08	17.19	17.02	19.00
15	QPSK	36	39	17.06	17.24	17.13	19.00
15	QPSK	75	0	17.03	17.14	17.15	19.00
15	16QAM	1	0	16.93	17.13	16.93	19.00
15	16QAM	1	37	17.17	17.21	17.12	19.00
15	16QAM	1	74	17.00	17.21	16.98	19.00
15	16QAM	36	0	17.20	17.32	17.05	19.00
15	16QAM	36	20	17.11	17.23	17.14	19.00
15	16QAM	36	39	17.09	17.17	17.08	19.00
15	16QAM	75	0	17.11	17.26	17.14	19.00
15	64QAM	1	0	17.11	17.27	17.16	19.00
15	64QAM	1	37	17.05	17.18	16.99	19.00
15	64QAM	1	74	17.00	17.11	17.03	19.00
15	64QAM	36	0	17.00	17.10	16.92	19.00
15	64QAM	36	20	17.12	17.31	17.16	19.00
15	64QAM	36	39	17.02	17.13	17.06	19.00
15	64QAM	75	0	17.23	17.18	17.10	19.00
15	256QAM	1	0	17.15	17.34	17.23	19.00
15	256QAM	1	37	17.21	17.30	17.09	19.00
15	256QAM	1	74	17.16	17.21	17.02	19.00
15	256QAM	36	0	17.32	17.43	17.30	19.00
15	256QAM	36	20	17.05	17.10	17.06	19.00
15	256QAM	36	39	17.08	17.28	17.06	19.00
15	256QAM	75	0	17.17	17.42	17.18	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.44	17.42	17.29	19.00
10	QPSK	1	25	17.01	17.11	16.99	19.00
10	QPSK	1	49	17.08	17.27	17.20	19.00
10	QPSK	25	0	17.23	17.34	17.24	19.00
10	QPSK	25	12	17.15	17.17	16.96	19.00
10	QPSK	25	25	17.04	17.30	17.14	19.00
10	QPSK	50	0	17.04	17.16	17.13	19.00
10	16QAM	1	0	16.94	17.11	16.96	19.00
10	16QAM	1	25	17.18	17.28	17.04	19.00
10	16QAM	1	49	16.96	17.18	17.06	19.00
10	16QAM	25	0	17.09	17.22	17.17	19.00



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10	16QAM	25	12	17.10	17.32	17.12	19.00
10	16QAM	25	25	17.02	17.20	17.04	19.00
10	16QAM	50	0	17.19	17.34	17.14	19.00
10	64QAM	1	0	17.12	17.23	17.10	19.00
10	64QAM	1	25	17.02	17.11	17.08	19.00
10	64QAM	1	49	16.91	17.16	16.98	19.00
10	64QAM	25	0	16.98	17.09	16.94	19.00
10	64QAM	25	12	17.14	17.27	17.11	19.00
10	64QAM	25	25	17.04	17.09	17.00	19.00
10	64QAM	50	0	17.22	17.27	17.05	19.00
10	256QAM	1	0	17.12	17.23	17.17	19.00
10	256QAM	1	25	17.16	17.23	17.03	19.00
10	256QAM	1	49	17.19	17.26	17.04	19.00
10	256QAM	25	0	17.27	17.47	17.27	19.00
10	256QAM	25	12	17.02	17.15	17.10	19.00
10	256QAM	25	25	17.16	17.32	17.10	19.00
10	256QAM	50	0	17.18	17.30	17.20	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.43	17.45	17.29	19.00
5	QPSK	1	12	17.06	17.15	16.93	19.00
5	QPSK	1	24	17.06	17.31	17.18	19.00
5	QPSK	12	0	17.25	17.40	17.34	19.00
5	QPSK	12	7	17.13	17.17	16.97	19.00
5	QPSK	12	13	17.11	17.27	17.06	19.00
5	QPSK	25	0	17.12	17.16	17.03	19.00
5	16QAM	1	0	17.02	17.10	16.90	19.00
5	16QAM	1	12	17.20	17.20	17.16	19.00
5	16QAM	1	24	17.06	17.20	17.12	19.00
5	16QAM	12	0	17.17	17.28	17.11	19.00
5	16QAM	12	7	17.11	17.21	17.11	19.00
5	16QAM	12	13	17.06	17.11	16.98	19.00
5	16QAM	25	0	17.19	17.28	17.14	19.00
5	64QAM	1	0	17.14	17.35	17.02	19.00
5	64QAM	1	12	17.05	17.11	17.08	19.00
5	64QAM	1	24	17.01	17.13	16.93	19.00
5	64QAM	12	0	16.99	17.15	16.87	19.00
5	64QAM	12	7	17.12	17.30	17.16	19.00
5	64QAM	12	13	17.11	17.10	17.03	19.00
5	64QAM	25	0	17.20	17.23	17.07	19.00
5	256QAM	1	0	17.21	17.25	17.19	19.00
5	256QAM	1	12	17.23	17.32	17.05	19.00
5	256QAM	1	24	17.09	17.28	17.07	19.00
5	256QAM	12	0	17.20	17.43	17.25	19.00
5	256QAM	12	7	17.07	17.15	17.07	19.00
5	256QAM	12	13	17.15	17.31	16.98	19.00
5	256QAM	25	0	17.10	17.39	17.14	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.42	17.40	17.38	19.00
3	QPSK	1	8	17.01	17.13	16.89	19.00
3	QPSK	1	14	17.16	17.23	17.17	19.00
3	QPSK	8	0	17.25	17.39	17.31	19.00
3	QPSK	8	4	17.09	17.20	17.07	19.00
3	QPSK	8	7	17.03	17.21	17.09	19.00
3	QPSK	15	0	17.09	17.19	17.10	19.00
3	16QAM	1	0	16.91	17.22	16.96	19.00
3	16QAM	1	8	17.13	17.28	17.14	19.00
3	16QAM	1	14	17.06	17.19	17.04	19.00
3	16QAM	8	0	17.13	17.32	17.14	19.00
3	16QAM	8	4	17.17	17.27	17.13	19.00
3	16QAM	8	7	17.07	17.22	17.08	19.00
3	16QAM	15	0	17.16	17.31	17.24	19.00
3	64QAM	1	0	17.15	17.26	17.07	19.00
3	64QAM	1	8	17.04	17.21	16.98	19.00
3	64QAM	1	14	16.94	17.16	16.96	19.00
3	64QAM	8	0	16.96	17.14	16.98	19.00
3	64QAM	8	4	17.14	17.22	17.10	19.00
3	64QAM	8	7	17.01	17.09	16.98	19.00
3	64QAM	15	0	17.21	17.19	17.08	19.00
3	256QAM	1	0	17.24	17.27	17.18	19.00
3	256QAM	1	8	17.18	17.27	17.03	19.00
3	256QAM	1	14	17.08	17.30	17.08	19.00
3	256QAM	8	0	17.23	17.49	17.28	19.00
3	256QAM	8	4	17.12	17.11	17.02	19.00
3	256QAM	8	7	17.12	17.35	17.03	19.00
3	256QAM	15	0	17.21	17.35	17.21	19.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.41	17.47	17.29	19.00
1.4	QPSK	1	3	16.97	17.19	17.02	19.00
1.4	QPSK	1	5	17.18	17.21	17.09	19.00
1.4	QPSK	3	0	17.23	17.42	17.22	19.00
1.4	QPSK	3	1	17.07	17.22	17.07	19.00
1.4	QPSK	3	3	17.01	17.20	17.03	19.00
1.4	QPSK	6	0	17.10	17.22	17.11	19.00
1.4	16QAM	1	0	17.03	17.13	16.90	19.00
1.4	16QAM	1	3	17.13	17.24	17.04	19.00
1.4	16QAM	1	5	16.98	17.27	17.11	19.00
1.4	16QAM	3	0	17.18	17.25	17.13	19.00
1.4	16QAM	3	1	17.23	17.30	17.09	19.00
1.4	16QAM	3	3	17.12	17.12	17.08	19.00
1.4	16QAM	6	0	17.16	17.34	17.20	19.00
1.4	64QAM	1	0	17.19	17.24	17.06	19.00
1.4	64QAM	1	3	16.95	17.20	16.97	19.00
1.4	64QAM	1	5	16.95	17.11	17.05	19.00
1.4	64QAM	3	0	17.02	17.13	16.94	19.00
1.4	64QAM	3	1	17.11	17.25	17.17	19.00
1.4	64QAM	3	3	17.08	17.17	16.96	19.00
1.4	64QAM	6	0	17.20	17.29	17.03	19.00
1.4	256QAM	1	0	17.23	17.33	17.17	19.00
1.4	256QAM	1	3	17.22	17.33	17.14	19.00
1.4	256QAM	1	5	17.11	17.28	17.05	19.00
1.4	256QAM	3	0	17.27	17.43	17.26	19.00
1.4	256QAM	3	1	17.04	17.16	17.09	19.00
1.4	256QAM	3	3	17.15	17.29	17.02	19.00
1.4	256QAM	6	0	17.11	17.41	17.15	19.00

【LTE Band 66_Ant 5_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.16	17.25	17.18	19.00
20	QPSK	1	49	17.03	17.16	17.01	19.00
20	QPSK	1	99	17.04	17.14	17.12	19.00
20	QPSK	50	0	17.03	17.14	17.01	19.00
20	QPSK	50	24	16.89	17.06	16.93	19.00
20	QPSK	50	50	16.89	17.07	16.93	19.00
20	QPSK	100	0	16.99	17.11	17.07	19.00
20	16QAM	1	0	17.02	17.07	17.01	19.00
20	16QAM	1	49	17.07	17.13	17.04	19.00
20	16QAM	1	99	17.03	17.12	17.03	19.00
20	16QAM	50	0	17.04	17.10	17.06	19.00
20	16QAM	50	24	17.01	17.10	17.03	19.00
20	16QAM	50	50	17.03	17.09	17.01	19.00
20	16QAM	100	0	16.92	17.03	16.99	19.00
20	64QAM	1	0	17.07	17.14	17.07	19.00
20	64QAM	1	49	17.01	17.15	17.00	19.00
20	64QAM	1	99	16.99	17.04	16.94	19.00
20	64QAM	50	0	16.90	17.07	17.02	19.00
20	64QAM	50	24	16.96	17.11	16.96	19.00
20	64QAM	50	50	16.96	17.12	17.02	19.00
20	64QAM	100	0	16.97	17.08	17.04	19.00
20	256QAM	1	0	17.11	17.16	17.09	19.00
20	256QAM	1	49	16.99	17.13	17.04	19.00
20	256QAM	1	99	17.08	17.15	17.10	19.00
20	256QAM	50	0	17.08	17.19	17.10	19.00
20	256QAM	50	24	16.99	17.16	17.07	19.00
20	256QAM	50	50	17.00	17.14	17.09	19.00
20	256QAM	100	0	17.02	17.14	17.06	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.05	17.05	17.05	19.00
15	QPSK	1	37	16.91	17.10	16.95	19.00
15	QPSK	1	74	16.91	17.13	17.03	19.00
15	QPSK	36	0	16.99	17.00	16.94	19.00
15	QPSK	36	20	16.88	17.02	16.79	19.00
15	QPSK	36	39	16.75	17.00	16.82	19.00
15	QPSK	75	0	16.89	17.01	16.95	19.00



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15	16QAM	1	0	16.93	17.05	16.92	19.00
15	16QAM	1	37	16.95	17.05	16.92	19.00
15	16QAM	1	74	16.91	17.07	17.01	19.00
15	16QAM	36	0	16.94	17.08	16.98	19.00
15	16QAM	36	20	16.90	17.05	16.89	19.00
15	16QAM	36	39	16.93	17.04	16.99	19.00
15	16QAM	75	0	16.81	16.91	16.85	19.00
15	64QAM	1	0	17.04	17.11	16.94	19.00
15	64QAM	1	37	16.88	17.10	16.91	19.00
15	64QAM	1	74	16.90	17.01	16.88	19.00
15	64QAM	36	0	16.78	16.95	16.99	19.00
15	64QAM	36	20	16.90	16.98	16.90	19.00
15	64QAM	36	39	16.89	17.08	16.88	19.00
15	64QAM	75	0	16.90	17.03	16.99	19.00
15	256QAM	1	0	17.02	17.11	17.07	19.00
15	256QAM	1	37	16.88	17.11	17.02	19.00
15	256QAM	1	74	17.00	17.03	16.96	19.00
15	256QAM	36	0	16.93	17.05	17.04	19.00
15	256QAM	36	20	16.85	17.03	16.94	19.00
15	256QAM	36	39	16.93	17.13	16.97	19.00
15	256QAM	75	0	16.90	17.08	16.98	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.04	17.08	17.14	19.00
10	QPSK	1	25	16.95	17.02	17.00	19.00
10	QPSK	1	49	17.01	17.05	17.06	19.00
10	QPSK	25	0	16.98	17.09	16.87	19.00
10	QPSK	25	12	16.77	16.91	16.91	19.00
10	QPSK	25	25	16.77	16.92	16.81	19.00
10	QPSK	50	0	16.91	17.07	16.94	19.00
10	16QAM	1	0	16.87	17.04	16.90	19.00
10	16QAM	1	25	16.95	17.09	16.97	19.00
10	16QAM	1	49	16.90	17.02	16.90	19.00
10	16QAM	25	0	16.93	17.06	17.03	19.00
10	16QAM	25	12	16.95	16.97	16.99	19.00
10	16QAM	25	25	16.90	17.06	16.97	19.00
10	16QAM	50	0	16.88	17.01	16.91	19.00
10	64QAM	1	0	16.95	17.11	17.00	19.00
10	64QAM	1	25	16.88	17.14	16.97	19.00
10	64QAM	1	49	16.85	16.92	16.88	19.00
10	64QAM	25	0	16.87	16.97	16.96	19.00
10	64QAM	25	12	16.89	17.01	16.89	19.00
10	64QAM	25	25	16.89	17.08	16.99	19.00
10	64QAM	50	0	16.85	17.01	17.01	19.00
10	256QAM	1	0	16.99	17.13	16.99	19.00
10	256QAM	1	25	16.94	17.03	17.02	19.00
10	256QAM	1	49	17.05	17.01	16.97	19.00
10	256QAM	25	0	17.02	17.05	17.04	19.00
10	256QAM	25	12	16.92	17.02	16.99	19.00
10	256QAM	25	25	16.96	17.11	16.97	19.00
10	256QAM	50	0	16.90	17.00	16.95	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.01	17.16	17.10	19.00
5	QPSK	1	12	16.93	17.04	16.97	19.00
5	QPSK	1	24	16.99	17.08	17.07	19.00
5	QPSK	12	0	16.99	17.00	16.90	19.00
5	QPSK	12	7	16.82	17.04	16.80	19.00
5	QPSK	12	13	16.82	17.02	16.89	19.00
5	QPSK	25	0	16.89	17.10	16.98	19.00
5	16QAM	1	0	17.01	17.00	16.98	19.00
5	16QAM	1	12	17.06	17.12	16.94	19.00
5	16QAM	1	24	16.91	16.98	16.96	19.00
5	16QAM	12	0	16.98	17.09	16.97	19.00
5	16QAM	12	7	16.90	16.99	16.89	19.00
5	16QAM	12	13	16.96	16.96	16.92	19.00
5	16QAM	25	0	16.80	16.90	16.96	19.00
5	64QAM	1	0	16.93	17.12	17.01	19.00
5	64QAM	1	12	16.95	17.12	16.95	19.00
5	64QAM	1	24	16.85	16.99	16.90	19.00
5	64QAM	12	0	16.88	17.03	16.90	19.00
5	64QAM	12	7	16.91	17.03	16.81	19.00
5	64QAM	12	13	16.86	17.09	16.89	19.00
5	64QAM	25	0	16.84	17.01	17.01	19.00
5	256QAM	1	0	16.99	17.02	16.94	19.00
5	256QAM	1	12	16.84	17.10	16.89	19.00
5	256QAM	1	24	16.98	17.07	17.05	19.00
5	256QAM	12	0	16.94	17.15	16.95	19.00



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5	256QAM	12	7	16.95	17.06	16.93	19.00
5	256QAM	12	13	16.92	17.13	17.03	19.00
5	256QAM	25	0	16.92	17.12	17.01	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.12	17.17	17.08	19.00
3	QPSK	1	8	16.96	17.02	16.93	19.00
3	QPSK	1	14	17.00	17.13	17.11	19.00
3	QPSK	8	0	17.01	17.09	16.90	19.00
3	QPSK	8	4	16.75	16.98	16.79	19.00
3	QPSK	8	7	16.78	17.04	16.83	19.00
3	QPSK	15	0	16.84	17.04	16.97	19.00
3	16QAM	1	0	16.90	16.92	16.96	19.00
3	16QAM	1	8	16.94	17.09	17.00	19.00
3	16QAM	1	14	16.92	17.07	17.01	19.00
3	16QAM	8	0	16.99	17.05	16.93	19.00
3	16QAM	8	4	16.99	17.07	16.97	19.00
3	16QAM	8	7	16.99	16.98	16.90	19.00
3	16QAM	15	0	16.87	17.01	16.90	19.00
3	64QAM	1	0	17.05	17.08	17.00	19.00
3	64QAM	1	8	16.86	17.07	16.98	19.00
3	64QAM	1	14	16.91	16.93	16.86	19.00
3	64QAM	8	0	16.87	17.01	16.88	19.00
3	64QAM	8	4	16.86	17.09	16.94	19.00
3	64QAM	8	7	16.88	17.09	16.90	19.00
3	64QAM	15	0	16.92	16.96	16.93	19.00
3	256QAM	1	0	17.08	17.06	16.99	19.00
3	256QAM	1	8	16.84	17.12	16.90	19.00
3	256QAM	1	14	17.02	17.11	17.02	19.00
3	256QAM	8	0	16.99	17.17	17.06	19.00
3	256QAM	8	4	16.91	17.03	17.06	19.00
3	256QAM	8	7	16.91	17.07	17.05	19.00
3	256QAM	15	0	16.96	17.11	16.96	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.02	17.08	17.08	19.00
1.4	QPSK	1	3	16.94	17.07	16.86	19.00
1.4	QPSK	1	5	16.91	17.13	17.07	19.00
1.4	QPSK	3	0	16.91	17.09	16.88	19.00
1.4	QPSK	3	1	16.75	17.04	16.85	19.00
1.4	QPSK	3	3	16.81	17.05	16.87	19.00
1.4	QPSK	6	0	16.94	16.98	17.03	19.00
1.4	16QAM	1	0	17.01	16.92	16.97	19.00
1.4	16QAM	1	3	17.03	17.12	17.03	19.00
1.4	16QAM	1	5	16.88	17.09	16.89	19.00
1.4	16QAM	3	0	17.02	16.99	16.92	19.00
1.4	16QAM	3	1	16.90	17.08	16.99	19.00
1.4	16QAM	3	3	16.99	17.05	16.87	19.00
1.4	16QAM	6	0	16.89	16.93	16.95	19.00
1.4	64QAM	1	0	17.00	17.11	17.01	19.00
1.4	64QAM	1	3	16.90	17.09	16.96	19.00
1.4	64QAM	1	5	16.85	16.91	16.86	19.00
1.4	64QAM	3	0	16.84	16.97	16.89	19.00
1.4	64QAM	3	1	16.90	17.01	16.93	19.00
1.4	64QAM	3	3	16.90	17.09	16.91	19.00
1.4	64QAM	6	0	16.85	16.97	16.97	19.00
1.4	256QAM	1	0	17.06	17.06	17.08	19.00
1.4	256QAM	1	3	16.96	17.09	16.90	19.00
1.4	256QAM	1	5	16.94	17.11	17.06	19.00
1.4	256QAM	3	0	17.04	17.05	16.99	19.00
1.4	256QAM	3	1	16.91	17.11	17.02	19.00
1.4	256QAM	3	3	16.86	17.12	17.07	19.00
1.4	256QAM	6	0	16.87	17.12	17.02	19.00



【LTE Band 66_Ant 5_ECI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.99	18.05	17.98	19.50
20	QPSK	1	49	17.64	17.80	17.58	19.50
20	QPSK	1	99	17.71	17.79	17.58	19.50
20	QPSK	50	0	17.89	17.93	17.88	19.50
20	QPSK	50	24	17.72	17.81	17.67	19.50
20	QPSK	50	50	17.68	17.83	17.70	19.50
20	QPSK	100	0	17.88	17.90	17.87	19.50
20	16QAM	1	0	17.62	17.75	17.64	19.50
20	16QAM	1	49	17.57	17.74	17.61	19.50
20	16QAM	1	99	17.59	17.78	17.62	19.50
20	16QAM	50	0	17.60	17.76	17.56	19.50
20	16QAM	50	24	17.58	17.72	17.55	19.50
20	16QAM	50	50	17.71	17.81	17.71	19.50
20	16QAM	100	0	17.61	17.77	17.58	19.50
20	64QAM	1	0	17.61	17.81	17.65	19.50
20	64QAM	1	49	17.71	17.80	17.59	19.50
20	64QAM	1	99	17.58	17.79	17.67	19.50
20	64QAM	50	0	17.65	17.81	17.63	19.50
20	64QAM	50	24	17.68	17.76	17.67	19.50
20	64QAM	50	50	17.52	17.70	17.55	19.50
20	64QAM	100	0	17.56	17.71	17.54	19.50
20	256QAM	1	0	17.63	17.81	17.64	19.50
20	256QAM	1	49	17.61	17.78	17.59	19.50
20	256QAM	1	99	17.50	17.69	17.47	19.50
20	256QAM	50	0	17.64	17.76	17.67	19.50
20	256QAM	50	24	17.57	17.77	17.57	19.50
20	256QAM	50	50	17.66	17.74	17.61	19.50
20	256QAM	100	0	17.64	17.73	17.53	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.91	17.96	17.89	19.50
15	QPSK	1	37	17.51	17.71	17.46	19.50
15	QPSK	1	74	17.65	17.65	17.43	19.50
15	QPSK	36	0	17.84	17.85	17.79	19.50
15	QPSK	36	20	17.58	17.66	17.63	19.50
15	QPSK	36	39	17.56	17.75	17.56	19.50
15	QPSK	75	0	17.84	17.88	17.86	19.50
15	16QAM	1	0	17.60	17.68	17.50	19.50
15	16QAM	1	37	17.51	17.72	17.60	19.50
15	16QAM	1	74	17.47	17.71	17.56	19.50
15	16QAM	36	0	17.48	17.67	17.53	19.50
15	16QAM	36	20	17.55	17.63	17.50	19.50
15	16QAM	36	39	17.62	17.70	17.68	19.50
15	16QAM	75	0	17.57	17.64	17.53	19.50
15	64QAM	1	0	17.49	17.77	17.64	19.50
15	64QAM	1	37	17.60	17.75	17.57	19.50
15	64QAM	1	74	17.54	17.67	17.61	19.50
15	64QAM	36	0	17.59	17.75	17.56	19.50
15	64QAM	36	20	17.54	17.63	17.53	19.50
15	64QAM	36	39	17.48	17.65	17.51	19.50
15	64QAM	75	0	17.50	17.56	17.50	19.50
15	256QAM	1	0	17.50	17.75	17.54	19.50
15	256QAM	1	37	17.47	17.66	17.54	19.50
15	256QAM	1	74	17.37	17.61	17.33	19.50
15	256QAM	36	0	17.58	17.75	17.65	19.50
15	256QAM	36	20	17.48	17.63	17.52	19.50
15	256QAM	36	39	17.64	17.69	17.49	19.50
15	256QAM	75	0	17.61	17.69	17.48	19.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.90	17.98	17.87	19.50
10	QPSK	1	25	17.49	17.69	17.47	19.50
10	QPSK	1	49	17.60	17.72	17.47	19.50
10	QPSK	25	0	17.75	17.85	17.74	19.50
10	QPSK	25	12	17.63	17.76	17.60	19.50
10	QPSK	25	25	17.58	17.81	17.58	19.50
10	QPSK	50	0	17.81	17.77	17.82	19.50
10	16QAM	1	0	17.58	17.66	17.55	19.50
10	16QAM	1	25	17.50	17.71	17.54	19.50
10	16QAM	1	49	17.48	17.64	17.56	19.50
10	16QAM	25	0	17.45	17.67	17.41	19.50



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10	16QAM	25	12	17.47	17.67	17.45	19.50
10	16QAM	25	25	17.57	17.76	17.69	19.50
10	16QAM	50	0	17.56	17.68	17.46	19.50
10	64QAM	1	0	17.52	17.76	17.60	19.50
10	64QAM	1	25	17.57	17.66	17.48	19.50
10	64QAM	1	49	17.46	17.73	17.61	19.50
10	64QAM	25	0	17.55	17.75	17.61	19.50
10	64QAM	25	12	17.61	17.63	17.53	19.50
10	64QAM	25	25	17.38	17.56	17.50	19.50
10	64QAM	50	0	17.45	17.57	17.42	19.50
10	256QAM	1	0	17.57	17.70	17.53	19.50
10	256QAM	1	25	17.55	17.69	17.56	19.50
10	256QAM	1	49	17.37	17.64	17.37	19.50
10	256QAM	25	0	17.53	17.66	17.56	19.50
10	256QAM	25	12	17.43	17.68	17.43	19.50
10	256QAM	25	25	17.65	17.63	17.49	19.50
10	256QAM	50	0	17.62	17.67	17.39	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.96	18.03	17.92	19.50
5	QPSK	1	12	17.58	17.76	17.50	19.50
5	QPSK	1	24	17.69	17.73	17.46	19.50
5	QPSK	12	0	17.75	17.83	17.82	19.50
5	QPSK	12	7	17.69	17.72	17.62	19.50
5	QPSK	12	13	17.56	17.82	17.66	19.50
5	QPSK	25	0	17.86	17.77	17.74	19.50
5	16QAM	1	0	17.49	17.71	17.52	19.50
5	16QAM	1	12	17.46	17.60	17.54	19.50
5	16QAM	1	24	17.57	17.63	17.52	19.50
5	16QAM	12	0	17.46	17.62	17.52	19.50
5	16QAM	12	7	17.52	17.65	17.49	19.50
5	16QAM	12	13	17.64	17.68	17.57	19.50
5	16QAM	25	0	17.54	17.67	17.55	19.50
5	64QAM	1	0	17.51	17.67	17.55	19.50
5	64QAM	1	12	17.66	17.66	17.47	19.50
5	64QAM	1	24	17.54	17.64	17.63	19.50
5	64QAM	12	0	17.51	17.69	17.52	19.50
5	64QAM	12	7	17.57	17.71	17.60	19.50
5	64QAM	12	13	17.48	17.65	17.46	19.50
5	64QAM	25	0	17.47	17.69	17.42	19.50
5	256QAM	1	0	17.54	17.70	17.53	19.50
5	256QAM	1	12	17.47	17.66	17.47	19.50
5	256QAM	1	24	17.40	17.67	17.34	19.50
5	256QAM	12	0	17.54	17.68	17.61	19.50
5	256QAM	12	7	17.42	17.62	17.49	19.50
5	256QAM	12	13	17.57	17.68	17.59	19.50
5	256QAM	25	0	17.63	17.63	17.51	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.89	17.96	17.88	19.50
3	QPSK	1	8	17.49	17.69	17.47	19.50
3	QPSK	1	14	17.68	17.76	17.52	19.50
3	QPSK	8	0	17.81	17.84	17.76	19.50
3	QPSK	8	4	17.58	17.68	17.58	19.50
3	QPSK	8	7	17.64	17.79	17.66	19.50
3	QPSK	15	0	17.81	17.77	17.76	19.50
3	16QAM	1	0	17.51	17.67	17.63	19.50
3	16QAM	1	8	17.50	17.67	17.59	19.50
3	16QAM	1	14	17.51	17.76	17.52	19.50
3	16QAM	8	0	17.53	17.72	17.47	19.50
3	16QAM	8	4	17.52	17.66	17.52	19.50
3	16QAM	8	7	17.60	17.67	17.60	19.50
3	16QAM	15	0	17.53	17.65	17.56	19.50
3	64QAM	1	0	17.56	17.68	17.63	19.50
3	64QAM	1	8	17.61	17.78	17.56	19.50
3	64QAM	1	14	17.49	17.69	17.58	19.50
3	64QAM	8	0	17.51	17.75	17.62	19.50
3	64QAM	8	4	17.55	17.64	17.54	19.50
3	64QAM	8	7	17.48	17.59	17.48	19.50
3	64QAM	15	0	17.42	17.67	17.50	19.50
3	256QAM	1	0	17.57	17.70	17.60	19.50
3	256QAM	1	8	17.56	17.70	17.46	19.50
3	256QAM	1	14	17.43	17.57	17.43	19.50
3	256QAM	8	0	17.51	17.70	17.54	19.50
3	256QAM	8	4	17.51	17.69	17.48	19.50
3	256QAM	8	7	17.58	17.71	17.53	19.50
3	256QAM	15	0	17.51	17.60	17.39	19.50
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.88	17.98	17.88	19.50
1.4	QPSK	1	3	17.62	17.73	17.50	19.50
1.4	QPSK	1	5	17.69	17.65	17.51	19.50
1.4	QPSK	3	0	17.80	17.89	17.77	19.50
1.4	QPSK	3	1	17.64	17.72	17.57	19.50
1.4	QPSK	3	3	17.58	17.80	17.59	19.50
1.4	QPSK	6	0	17.79	17.77	17.76	19.50
1.4	16QAM	1	0	17.49	17.72	17.62	19.50
1.4	16QAM	1	3	17.55	17.68	17.56	19.50
1.4	16QAM	1	5	17.51	17.69	17.58	19.50
1.4	16QAM	3	0	17.55	17.72	17.50	19.50
1.4	16QAM	3	1	17.48	17.68	17.52	19.50
1.4	16QAM	3	3	17.58	17.72	17.60	19.50
1.4	16QAM	6	0	17.55	17.73	17.54	19.50
1.4	64QAM	1	0	17.49	17.78	17.61	19.50
1.4	64QAM	1	3	17.67	17.70	17.49	19.50
1.4	64QAM	1	5	17.48	17.69	17.63	19.50
1.4	64QAM	3	0	17.55	17.71	17.60	19.50
1.4	64QAM	3	1	17.53	17.63	17.54	19.50
1.4	64QAM	3	3	17.46	17.65	17.46	19.50
1.4	64QAM	6	0	17.42	17.58	17.43	19.50
1.4	256QAM	1	0	17.60	17.79	17.57	19.50
1.4	256QAM	1	3	17.56	17.70	17.56	19.50
1.4	256QAM	1	5	17.42	17.58	17.37	19.50
1.4	256QAM	3	0	17.55	17.73	17.56	19.50
1.4	256QAM	3	1	17.42	17.66	17.50	19.50
1.4	256QAM	3	3	17.56	17.70	17.54	19.50
1.4	256QAM	6	0	17.52	17.70	17.43	19.50

【LTE Band 66_Ant 5_ECI3-1】

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	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.05	18.09	18.03	19.50
20	QPSK	1	49	17.87	18.00	17.84	19.50
20	QPSK	1	99	17.87	18.02	17.87	19.50
20	QPSK	50	0	18.00	18.06	18.03	19.50
20	QPSK	50	24	17.78	17.92	17.76	19.50
20	QPSK	50	50	17.90	17.98	17.87	19.50
20	QPSK	100	0	18.00	18.01	17.99	19.50
20	16QAM	1	0	17.70	17.82	17.71	19.50
20	16QAM	1	49	17.75	17.93	17.75	19.50
20	16QAM	1	99	17.77	17.92	17.84	19.50
20	16QAM	50	0	17.76	17.83	17.70	19.50
20	16QAM	50	24	17.82	17.91	17.80	19.50
20	16QAM	50	50	17.73	17.86	17.75	19.50
20	16QAM	100	0	17.80	17.91	17.78	19.50
20	64QAM	1	0	17.83	17.91	17.73	19.50
20	64QAM	1	49	17.75	17.84	17.65	19.50
20	64QAM	1	99	17.85	17.93	17.73	19.50
20	64QAM	50	0	17.85	17.95	17.79	19.50
20	64QAM	50	24	17.75	17.89	17.76	19.50
20	64QAM	50	50	17.73	17.86	17.72	19.50
20	64QAM	100	0	17.70	17.85	17.75	19.50
20	256QAM	1	0	17.91	17.96	17.81	19.50
20	256QAM	1	49	17.85	17.93	17.85	19.50
20	256QAM	1	99	17.80	17.88	17.76	19.50
20	256QAM	50	0	17.80	17.97	17.85	19.50
20	256QAM	50	24	17.82	17.97	17.82	19.50
20	256QAM	50	50	17.91	17.97	17.85	19.50
20	256QAM	100	0	17.78	17.88	17.76	19.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.03	18.04	17.90	19.50
15	QPSK	1	37	17.74	17.87	17.78	19.50
15	QPSK	1	74	17.75	17.95	17.80	19.50
15	QPSK	36	0	17.96	17.93	17.98	19.50
15	QPSK	36	20	17.70	17.84	17.69	19.50
15	QPSK	36	39	17.83	17.90	17.83	19.50
15	QPSK	75	0	17.98	17.97	17.91	19.50



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15	16QAM	1	0	17.67	17.72	17.66	19.50
15	16QAM	1	37	17.71	17.90	17.63	19.50
15	16QAM	1	74	17.70	17.81	17.77	19.50
15	16QAM	36	0	17.67	17.79	17.63	19.50
15	16QAM	36	20	17.72	17.81	17.69	19.50
15	16QAM	36	39	17.71	17.73	17.61	19.50
15	16QAM	75	0	17.77	17.88	17.69	19.50
15	64QAM	1	0	17.73	17.79	17.68	19.50
15	64QAM	1	37	17.71	17.81	17.64	19.50
15	64QAM	1	74	17.71	17.87	17.69	19.50
15	64QAM	36	0	17.76	17.85	17.71	19.50
15	64QAM	36	20	17.63	17.82	17.66	19.50
15	64QAM	36	39	17.72	17.83	17.58	19.50
15	64QAM	75	0	17.56	17.78	17.70	19.50
15	256QAM	1	0	17.86	17.92	17.78	19.50
15	256QAM	1	37	17.73	17.81	17.83	19.50
15	256QAM	1	74	17.69	17.75	17.75	19.50
15	256QAM	36	0	17.67	17.96	17.77	19.50
15	256QAM	36	20	17.80	17.83	17.75	19.50
15	256QAM	36	39	17.90	17.86	17.83	19.50
15	256QAM	75	0	17.69	17.80	17.74	19.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.90	18.05	18.00	19.50
10	QPSK	1	25	17.82	17.85	17.70	19.50
10	QPSK	1	49	17.86	18.00	17.85	19.50
10	QPSK	25	0	17.95	17.94	18.00	19.50
10	QPSK	25	12	17.75	17.88	17.67	19.50
10	QPSK	25	25	17.85	17.89	17.79	19.50
10	QPSK	50	0	17.88	17.99	17.95	19.50
10	16QAM	1	0	17.60	17.80	17.58	19.50
10	16QAM	1	25	17.60	17.79	17.71	19.50
10	16QAM	1	49	17.65	17.85	17.77	19.50
10	16QAM	25	0	17.63	17.81	17.64	19.50
10	16QAM	25	12	17.70	17.84	17.68	19.50
10	16QAM	25	25	17.64	17.85	17.72	19.50
10	16QAM	50	0	17.70	17.77	17.67	19.50
10	64QAM	1	0	17.81	17.79	17.59	19.50
10	64QAM	1	25	17.73	17.73	17.63	19.50
10	64QAM	1	49	17.82	17.86	17.66	19.50
10	64QAM	25	0	17.76	17.82	17.76	19.50
10	64QAM	25	12	17.66	17.85	17.74	19.50
10	64QAM	25	25	17.62	17.77	17.68	19.50
10	64QAM	50	0	17.66	17.73	17.67	19.50
10	256QAM	1	0	17.84	17.87	17.66	19.50
10	256QAM	1	25	17.71	17.82	17.75	19.50
10	256QAM	1	49	17.79	17.74	17.70	19.50
10	256QAM	25	0	17.73	17.83	17.70	19.50
10	256QAM	25	12	17.72	17.95	17.68	19.50
10	256QAM	25	25	17.80	17.89	17.74	19.50
10	256QAM	50	0	17.75	17.84	17.72	19.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.00	17.97	17.98	19.50
5	QPSK	1	12	17.85	17.97	17.80	19.50
5	QPSK	1	24	17.77	17.98	17.74	19.50
5	QPSK	12	0	17.89	17.99	17.96	19.50
5	QPSK	12	7	17.77	17.86	17.75	19.50
5	QPSK	12	13	17.83	17.84	17.83	19.50
5	QPSK	25	0	17.93	17.86	17.84	19.50
5	16QAM	1	0	17.61	17.80	17.60	19.50
5	16QAM	1	12	17.73	17.83	17.70	19.50
5	16QAM	1	24	17.75	17.80	17.82	19.50
5	16QAM	12	0	17.62	17.77	17.68	19.50
5	16QAM	12	7	17.72	17.87	17.74	19.50
5	16QAM	12	13	17.66	17.82	17.69	19.50
5	16QAM	25	0	17.69	17.80	17.74	19.50
5	64QAM	1	0	17.72	17.77	17.66	19.50
5	64QAM	1	12	17.69	17.70	17.53	19.50
5	64QAM	1	24	17.84	17.92	17.59	19.50
5	64QAM	12	0	17.75	17.81	17.72	19.50
5	64QAM	12	7	17.63	17.85	17.67	19.50
5	64QAM	12	13	17.61	17.73	17.61	19.50
5	64QAM	25	0	17.60	17.84	17.62	19.50
5	256QAM	1	0	17.80	17.87	17.77	19.50
5	256QAM	1	12	17.84	17.86	17.83	19.50
5	256QAM	1	24	17.65	17.74	17.66	19.50
5	256QAM	12	0	17.72	17.92	17.76	19.50



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5	256QAM	12	7	17.73	17.94	17.71	19.50
5	256QAM	12	13	17.85	17.90	17.77	19.50
5	256QAM	25	0	17.70	17.87	17.68	19.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.03	18.04	17.88	19.50
3	QPSK	1	8	17.81	17.96	17.82	19.50
3	QPSK	1	14	17.77	17.90	17.78	19.50
3	QPSK	8	0	17.96	17.98	18.01	19.50
3	QPSK	8	4	17.74	17.78	17.74	19.50
3	QPSK	8	7	17.87	17.86	17.81	19.50
3	QPSK	15	0	17.87	17.95	17.87	19.50
3	16QAM	1	0	17.60	17.70	17.63	19.50
3	16QAM	1	8	17.62	17.91	17.65	19.50
3	16QAM	1	14	17.74	17.87	17.78	19.50
3	16QAM	8	0	17.70	17.70	17.63	19.50
3	16QAM	8	4	17.68	17.84	17.65	19.50
3	16QAM	8	7	17.67	17.82	17.71	19.50
3	16QAM	15	0	17.71	17.78	17.71	19.50
3	64QAM	1	0	17.72	17.76	17.66	19.50
3	64QAM	1	8	17.62	17.73	17.56	19.50
3	64QAM	1	14	17.77	17.87	17.59	19.50
3	64QAM	8	0	17.74	17.93	17.67	19.50
3	64QAM	8	4	17.69	17.80	17.72	19.50
3	64QAM	8	7	17.64	17.75	17.69	19.50
3	64QAM	15	0	17.56	17.80	17.71	19.50
3	256QAM	1	0	17.89	17.90	17.71	19.50
3	256QAM	1	8	17.76	17.85	17.74	19.50
3	256QAM	1	14	17.78	17.84	17.65	19.50
3	256QAM	8	0	17.77	17.91	17.78	19.50
3	256QAM	8	4	17.81	17.84	17.67	19.50
3	256QAM	8	7	17.84	17.96	17.83	19.50
3	256QAM	15	0	17.69	17.83	17.62	19.50
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.94	18.02	18.00	19.50
1.4	QPSK	1	3	17.81	17.98	17.78	19.50
1.4	QPSK	1	5	17.74	17.91	17.84	19.50
1.4	QPSK	3	0	17.96	18.01	17.92	19.50
1.4	QPSK	3	1	17.64	17.85	17.68	19.50
1.4	QPSK	3	3	17.85	17.90	17.79	19.50
1.4	QPSK	6	0	17.85	17.94	17.86	19.50
1.4	16QAM	1	0	17.66	17.73	17.67	19.50
1.4	16QAM	1	3	17.66	17.92	17.69	19.50
1.4	16QAM	1	5	17.70	17.87	17.73	19.50
1.4	16QAM	3	0	17.74	17.75	17.65	19.50
1.4	16QAM	3	1	17.68	17.84	17.67	19.50
1.4	16QAM	3	3	17.64	17.82	17.66	19.50
1.4	16QAM	6	0	17.66	17.80	17.67	19.50
1.4	64QAM	1	0	17.70	17.86	17.70	19.50
1.4	64QAM	1	3	17.60	17.81	17.55	19.50
1.4	64QAM	1	5	17.81	17.84	17.69	19.50
1.4	64QAM	3	0	17.76	17.91	17.69	19.50
1.4	64QAM	3	1	17.74	17.81	17.75	19.50
1.4	64QAM	3	3	17.71	17.78	17.62	19.50
1.4	64QAM	6	0	17.61	17.80	17.65	19.50
1.4	256QAM	1	0	17.84	17.86	17.80	19.50
1.4	256QAM	1	3	17.80	17.83	17.80	19.50
1.4	256QAM	1	5	17.78	17.85	17.72	19.50
1.4	256QAM	3	0	17.72	17.86	17.77	19.50
1.4	256QAM	3	1	17.75	17.90	17.76	19.50
1.4	256QAM	3	3	17.80	17.95	17.77	19.50
1.4	256QAM	6	0	17.63	17.83	17.62	19.50