

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

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	18.50
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.92	16.71	16.90	16.77	16.99	18.50
20	QPSK	1	49	16.91	16.69	16.78	16.70	16.98	18.50
20	QPSK	1	99	16.87	16.73	16.74	16.72	16.98	18.50
20	QPSK	50	0	16.94	16.73	16.80	16.76	16.97	18.50
20	QPSK	50	24	16.88	16.65	16.74	16.69	16.95	18.50
20	QPSK	50	50	16.87	16.70	16.74	16.70	16.97	18.50
20	QPSK	100	0	16.92	16.64	16.75	16.71	16.95	18.50
20	16QAM	1	0	17.10	16.83	17.00	16.85	17.08	18.50
20	16QAM	1	49	16.99	16.76	16.90	16.76	17.08	18.50
20	16QAM	1	99	16.96	16.84	16.89	16.80	17.09	18.50
20	16QAM	50	0	17.00	16.79	16.88	16.84	17.02	18.50
20	16QAM	50	24	16.94	16.73	16.81	16.76	17.01	18.50
20	16QAM	50	50	16.93	16.75	16.80	16.76	17.04	18.50
20	16QAM	100	0	16.98	16.73	16.82	16.76	17.02	18.50
20	64QAM	1	0	16.69	16.64	16.57	16.55	16.62	18.50
20	64QAM	1	49	16.59	16.61	16.68	16.68	16.67	18.50
20	64QAM	1	99	16.54	16.66	16.66	16.68	16.76	18.50
20	64QAM	50	0	17.04	16.81	16.89	16.86	17.02	18.50
20	64QAM	50	24	16.96	16.75	16.84	16.80	17.04	18.50
20	64QAM	50	50	16.95	16.79	16.82	16.77	17.07	18.50
20	64QAM	100	0	17.02	16.77	16.87	16.81	17.06	18.50
20	256QAM	1	0	16.62	16.65	16.79	16.74	16.84	18.50
20	256QAM	1	49	16.78	16.62	16.72	16.64	16.86	18.50
20	256QAM	1	99	16.71	16.68	16.68	16.67	16.96	18.50
20	256QAM	50	0	16.59	16.86	16.95	16.91	17.10	18.50
20	256QAM	50	24	17.04	16.82	16.92	16.85	17.12	18.50
20	256QAM	50	50	17.03	16.84	16.88	16.84	17.14	18.50
20	256QAM	100	0	16.53	16.79	16.88	16.81	17.07	18.50
Channel				39725	40173	40620	41068	41515	18.50
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.79	16.67	16.77	16.69	16.92	18.50
15	QPSK	1	37	16.83	16.60	16.69	16.66	16.85	18.50
15	QPSK	1	74	16.84	16.67	16.61	16.69	16.83	18.50
15	QPSK	36	0	16.88	16.68	16.76	16.69	16.90	18.50
15	QPSK	36	20	16.83	16.58	16.64	16.66	16.80	18.50
15	QPSK	36	39	16.82	16.69	16.64	16.62	16.83	18.50
15	QPSK	75	0	16.90	16.61	16.70	16.64	16.92	18.50
15	16QAM	1	0	17.06	16.82	16.87	16.81	17.01	18.50
15	16QAM	1	37	16.84	16.63	16.78	16.64	17.07	18.50
15	16QAM	1	74	16.86	16.83	16.80	16.75	17.08	18.50
15	16QAM	36	0	16.91	16.73	16.74	16.81	16.99	18.50
15	16QAM	36	20	16.86	16.68	16.70	16.68	16.89	18.50
15	16QAM	36	39	16.87	16.68	16.75	16.72	16.89	18.50
15	16QAM	75	0	16.83	16.71	16.73	16.72	17.00	18.50
15	64QAM	1	0	16.66	16.61	16.51	16.51	16.51	18.50
15	64QAM	1	37	16.52	16.52	16.59	16.55	16.56	18.50
15	64QAM	1	74	16.50	16.64	16.63	16.56	16.68	18.50
15	64QAM	36	0	17.03	16.69	16.76	16.82	17.01	18.50
15	64QAM	36	20	16.94	16.65	16.70	16.74	16.94	18.50
15	64QAM	36	39	16.89	16.67	16.80	16.66	16.95	18.50
15	64QAM	75	0	16.96	16.75	16.84	16.68	16.99	18.50
15	256QAM	1	0	16.51	16.55	16.76	16.62	16.70	18.50
15	256QAM	1	37	16.73	16.59	16.68	16.62	16.75	18.50
15	256QAM	1	74	16.68	16.62	16.56	16.62	16.82	18.50
15	256QAM	36	0	16.57	16.83	16.86	16.78	16.98	18.50
15	256QAM	36	20	16.99	16.70	16.79	16.82	17.07	18.50
15	256QAM	36	39	16.88	16.75	16.80	16.74	17.03	18.50
15	256QAM	75	0	16.52	16.78	16.86	16.74	16.94	18.50
Channel				39700	40160	40620	41080	41540	18.50
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.78	16.58	16.85	16.64	16.94	18.50
10	QPSK	1	25	16.90	16.55	16.72	16.58	16.87	18.50
10	QPSK	1	49	16.72	16.72	16.59	16.66	16.92	18.50
10	QPSK	25	0	16.87	16.62	16.79	16.63	16.92	18.50
10	QPSK	25	12	16.81	16.62	16.61	16.63	16.87	18.50
10	QPSK	25	25	16.84	16.62	16.62	16.68	16.84	18.50
10	QPSK	50	0	16.77	16.61	16.68	16.60	16.80	18.50
10	16QAM	1	0	16.99	16.78	16.91	16.70	17.05	18.50



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10	16QAM	1	25	16.96	16.65	16.77	16.69	16.96	18.50
10	16QAM	1	49	16.92	16.83	16.87	16.68	16.98	18.50
10	16QAM	25	0	16.89	16.66	16.73	16.78	16.92	18.50
10	16QAM	25	12	16.87	16.66	16.68	16.66	16.95	18.50
10	16QAM	25	25	16.91	16.72	16.73	16.64	17.01	18.50
10	16QAM	50	0	16.91	16.58	16.79	16.72	16.93	18.50
10	64QAM	1	0	16.59	16.50	16.50	16.52	16.53	18.50
10	64QAM	1	25	16.51	16.50	16.60	16.64	16.56	18.50
10	64QAM	1	49	16.50	16.60	16.60	16.59	16.74	18.50
10	64QAM	25	0	16.95	16.71	16.84	16.82	16.88	18.50
10	64QAM	25	12	16.88	16.73	16.77	16.77	16.97	18.50
10	64QAM	25	25	16.80	16.78	16.73	16.71	17.04	18.50
10	64QAM	50	0	16.99	16.67	16.85	16.73	16.93	18.50
10	256QAM	1	0	16.50	16.59	16.65	16.67	16.73	18.50
10	256QAM	1	25	16.71	16.54	16.68	16.60	16.75	18.50
10	256QAM	1	49	16.69	16.60	16.56	16.65	16.92	18.50
10	256QAM	25	0	16.50	16.84	16.89	16.81	16.98	18.50
10	256QAM	25	12	17.00	16.74	16.90	16.74	17.08	18.50
10	256QAM	25	25	16.95	16.80	16.83	16.70	17.02	18.50
10	256QAM	50	0	16.50	16.75	16.77	16.76	17.05	18.50
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	16.82	16.63	16.76	16.70	16.95	18.50
5	QPSK	1	12	16.84	16.64	16.69	16.69	16.97	18.50
5	QPSK	1	24	16.82	16.60	16.71	16.62	16.93	18.50
5	QPSK	12	0	16.90	16.61	16.65	16.69	16.85	18.50
5	QPSK	12	7	16.83	16.51	16.69	16.61	16.91	18.50
5	QPSK	12	13	16.79	16.66	16.72	16.60	16.89	18.50
5	QPSK	25	0	16.81	16.61	16.62	16.62	16.91	18.50
5	16QAM	1	0	16.98	16.70	16.89	16.79	17.07	18.50
5	16QAM	1	12	16.93	16.68	16.82	16.62	16.95	18.50
5	16QAM	1	24	16.93	16.70	16.81	16.76	16.96	18.50
5	16QAM	12	0	16.92	16.65	16.73	16.72	16.95	18.50
5	16QAM	12	7	16.83	16.68	16.73	16.69	16.90	18.50
5	16QAM	12	13	16.81	16.62	16.77	16.72	16.95	18.50
5	16QAM	25	0	16.92	16.62	16.77	16.62	17.01	18.50
5	64QAM	1	0	16.64	16.51	16.52	16.50	16.60	18.50
5	64QAM	1	12	16.51	16.53	16.53	16.56	16.53	18.50
5	64QAM	1	24	16.50	16.57	16.52	16.54	16.66	18.50
5	64QAM	12	0	16.97	16.74	16.76	16.76	16.91	18.50
5	64QAM	12	7	16.81	16.61	16.70	16.78	17.02	18.50
5	64QAM	12	13	16.91	16.77	16.81	16.64	16.99	18.50
5	64QAM	25	0	16.92	16.68	16.78	16.74	17.04	18.50
5	256QAM	1	0	16.60	16.55	16.74	16.71	16.72	18.50
5	256QAM	1	12	16.72	16.57	16.57	16.51	16.72	18.50
5	256QAM	1	24	16.69	16.56	16.61	16.61	16.93	18.50
5	256QAM	12	0	16.57	16.82	16.81	16.76	16.95	18.50
5	256QAM	12	7	17.02	16.69	16.88	16.80	17.02	18.50
5	256QAM	12	13	16.95	16.72	16.75	16.79	17.08	18.50
5	256QAM	25	0	16.51	16.75	16.79	16.75	16.99	18.50

【LTE Band 41 FCC (2496~2690MHz) Ant 5 ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	17.60
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.92	16.71	16.90	16.77	16.99	17.60
20	QPSK	1	49	16.91	16.69	16.78	16.70	16.98	17.60
20	QPSK	1	99	16.87	16.73	16.74	16.72	16.98	17.60
20	QPSK	50	0	16.94	16.74	16.80	16.76	16.97	17.60
20	QPSK	50	24	16.88	16.65	16.74	16.69	16.95	17.60
20	QPSK	50	50	16.87	16.70	16.74	16.70	16.97	17.60
20	QPSK	100	0	16.92	16.64	16.75	16.71	16.95	17.60
20	16QAM	1	0	17.10	16.83	17.00	16.85	17.08	17.60
20	16QAM	1	49	16.99	16.76	16.90	16.76	17.08	17.60
20	16QAM	1	99	16.96	16.84	16.89	16.80	17.09	17.60
20	16QAM	50	0	17.00	16.79	16.88	16.84	17.02	17.60
20	16QAM	50	24	16.94	16.73	16.81	16.76	17.01	17.60
20	16QAM	50	50	16.93	16.75	16.80	16.76	17.04	17.60
20	16QAM	100	0	16.98	16.73	16.82	16.76	17.02	17.60
20	64QAM	1	0	16.69	16.64	16.57	16.55	16.62	17.60
20	64QAM	1	49	16.59	16.61	16.68	16.68	16.67	17.60
20	64QAM	1	99	16.54	16.66	16.66	16.68	16.76	17.60
20	64QAM	50	0	17.04	16.81	16.89	16.86	17.02	17.60
20	64QAM	50	24	16.96	16.75	16.84	16.80	17.04	17.60
20	64QAM	50	50	16.95	16.79	16.82	16.77	17.07	17.60
20	64QAM	100	0	17.02	16.77	16.87	16.81	17.06	17.60
20	256QAM	1	0	16.62	16.65	16.79	16.74	16.84	17.60
20	256QAM	1	49	16.78	16.62	16.72	16.64	16.86	17.60
20	256QAM	1	99	16.71	16.68	16.68	16.67	16.96	17.60
20	256QAM	50	0	16.59	16.86	16.95	16.91	17.10	17.60
20	256QAM	50	24	17.04	16.82	16.92	16.85	17.12	17.60
20	256QAM	50	50	17.03	16.84	16.88	16.84	17.14	17.60
20	256QAM	100	0	16.53	16.79	16.88	16.81	17.07	17.60
Channel				39725	40173	40620	41068	41515	17.60
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.79	16.67	16.77	16.69	16.92	17.60
15	QPSK	1	37	16.83	16.60	16.69	16.66	16.85	17.60
15	QPSK	1	74	16.84	16.67	16.61	16.69	16.83	17.60
15	QPSK	36	0	16.88	16.68	16.76	16.69	16.90	17.60
15	QPSK	36	20	16.83	16.58	16.64	16.66	16.80	17.60
15	QPSK	36	39	16.82	16.69	16.64	16.62	16.83	17.60
15	QPSK	75	0	16.90	16.61	16.70	16.64	16.92	17.60
15	16QAM	1	0	17.06	16.82	16.87	16.81	17.01	17.60
15	16QAM	1	37	16.84	16.63	16.78	16.64	17.07	17.60
15	16QAM	1	74	16.86	16.83	16.80	16.75	17.08	17.60
15	16QAM	36	0	16.91	16.73	16.74	16.81	16.99	17.60
15	16QAM	36	20	16.86	16.68	16.70	16.68	16.89	17.60
15	16QAM	36	39	16.87	16.68	16.75	16.72	16.89	17.60
15	16QAM	75	0	16.83	16.71	16.73	16.72	17.00	17.60
15	64QAM	1	0	16.66	16.61	16.51	16.51	16.51	17.60
15	64QAM	1	37	16.52	16.52	16.59	16.55	16.56	17.60
15	64QAM	1	74	16.50	16.64	16.63	16.56	16.68	17.60
15	64QAM	36	0	17.03	16.69	16.76	16.82	17.01	17.60
15	64QAM	36	20	16.94	16.65	16.70	16.74	16.94	17.60
15	64QAM	36	39	16.89	16.67	16.80	16.66	16.95	17.60
15	64QAM	75	0	16.96	16.75	16.84	16.68	16.99	17.60
15	256QAM	1	0	16.51	16.55	16.76	16.62	16.70	17.60
15	256QAM	1	37	16.73	16.59	16.68	16.62	16.75	17.60
15	256QAM	1	74	16.68	16.62	16.56	16.62	16.82	17.60
15	256QAM	36	0	16.57	16.83	16.86	16.78	16.98	17.60
15	256QAM	36	20	16.99	16.70	16.79	16.82	17.07	17.60
15	256QAM	36	39	16.88	16.75	16.80	16.74	17.03	17.60
15	256QAM	75	0	16.52	16.78	16.86	16.74	16.94	17.60
Channel				39700	40160	40620	41080	41540	17.60
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.78	16.58	16.85	16.64	16.94	17.60
10	QPSK	1	25	16.90	16.55	16.72	16.58	16.87	17.60
10	QPSK	1	49	16.72	16.72	16.59	16.66	16.92	17.60
10	QPSK	25	0	16.87	16.62	16.79	16.63	16.92	17.60
10	QPSK	25	12	16.81	16.62	16.61	16.63	16.87	17.60
10	QPSK	25	25	16.84	16.62	16.62	16.68	16.84	17.60
10	QPSK	50	0	16.77	16.61	16.68	16.60	16.80	17.60
10	16QAM	1	0	16.99	16.78	16.91	16.70	17.05	17.60



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10	16QAM	1	25	16.96	16.65	16.77	16.69	16.96	17.60
10	16QAM	1	49	16.92	16.83	16.87	16.68	16.98	17.60
10	16QAM	25	0	16.89	16.66	16.73	16.78	16.92	17.60
10	16QAM	25	12	16.87	16.66	16.68	16.66	16.95	17.60
10	16QAM	25	25	16.91	16.72	16.73	16.64	17.01	17.60
10	16QAM	50	0	16.91	16.58	16.79	16.72	16.93	17.60
10	64QAM	1	0	16.59	16.50	16.50	16.52	16.53	17.60
10	64QAM	1	25	16.51	16.50	16.60	16.64	16.56	17.60
10	64QAM	1	49	16.50	16.60	16.60	16.59	16.74	17.60
10	64QAM	25	0	16.95	16.71	16.84	16.82	16.88	17.60
10	64QAM	25	12	16.88	16.73	16.77	16.77	16.97	17.60
10	64QAM	25	25	16.80	16.78	16.73	16.71	17.04	17.60
10	64QAM	50	0	16.99	16.67	16.85	16.73	16.93	17.60
10	256QAM	1	0	16.50	16.59	16.65	16.67	16.73	17.60
10	256QAM	1	25	16.71	16.54	16.68	16.60	16.75	17.60
10	256QAM	1	49	16.69	16.60	16.56	16.65	16.92	17.60
10	256QAM	25	0	16.50	16.84	16.89	16.81	16.98	17.60
10	256QAM	25	12	17.00	16.74	16.90	16.74	17.08	17.60
10	256QAM	25	25	16.95	16.80	16.83	16.70	17.02	17.60
10	256QAM	50	0	16.50	16.75	16.77	16.76	17.05	17.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	16.82	16.63	16.76	16.70	16.95	17.60
5	QPSK	1	12	16.84	16.64	16.69	16.69	16.97	17.60
5	QPSK	1	24	16.82	16.60	16.71	16.62	16.93	17.60
5	QPSK	12	0	16.90	16.61	16.65	16.69	16.85	17.60
5	QPSK	12	7	16.83	16.51	16.69	16.61	16.91	17.60
5	QPSK	12	13	16.79	16.66	16.72	16.60	16.89	17.60
5	QPSK	25	0	16.81	16.61	16.62	16.62	16.91	17.60
5	16QAM	1	0	16.98	16.70	16.89	16.79	17.07	17.60
5	16QAM	1	12	16.93	16.68	16.82	16.62	16.95	17.60
5	16QAM	1	24	16.93	16.70	16.81	16.76	16.96	17.60
5	16QAM	12	0	16.92	16.65	16.73	16.72	16.95	17.60
5	16QAM	12	7	16.83	16.68	16.73	16.69	16.90	17.60
5	16QAM	12	13	16.81	16.62	16.77	16.72	16.95	17.60
5	16QAM	25	0	16.92	16.62	16.77	16.62	17.01	17.60
5	64QAM	1	0	16.64	16.51	16.52	16.50	16.60	17.60
5	64QAM	1	12	16.51	16.53	16.53	16.56	16.53	17.60
5	64QAM	1	24	16.50	16.57	16.52	16.54	16.66	17.60
5	64QAM	12	0	16.97	16.74	16.76	16.76	16.91	17.60
5	64QAM	12	7	16.81	16.61	16.70	16.78	17.02	17.60
5	64QAM	12	13	16.91	16.77	16.81	16.64	16.99	17.60
5	64QAM	25	0	16.92	16.68	16.78	16.74	17.04	17.60
5	256QAM	1	0	16.60	16.55	16.74	16.71	16.72	17.60
5	256QAM	1	12	16.72	16.57	16.57	16.51	16.72	17.60
5	256QAM	1	24	16.69	16.56	16.61	16.61	16.93	17.60
5	256QAM	12	0	16.57	16.82	16.81	16.76	16.95	17.60
5	256QAM	12	7	17.02	16.69	16.88	16.80	17.02	17.60
5	256QAM	12	13	16.95	16.72	16.75	16.79	17.08	17.60
5	256QAM	25	0	16.51	16.75	16.79	16.75	16.99	17.60

【LTE Band 41 FCC (2496~2690MHz) Ant 5 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.24	17.98	18.13	18.00	18.25	18.40
20	QPSK	1	49	18.17	17.92	18.04	17.93	18.21	18.40
20	QPSK	1	99	18.13	17.95	18.00	17.93	18.23	18.40
20	QPSK	50	0	18.17	17.94	18.04	17.98	18.21	18.40
20	QPSK	50	24	18.10	17.89	17.99	17.92	18.18	18.40
20	QPSK	50	50	18.11	17.92	17.98	17.92	18.20	18.40
20	QPSK	100	0	18.14	17.87	17.99	17.91	18.18	18.40
20	16QAM	1	0	18.33	18.05	18.25	18.10	18.30	18.40
20	16QAM	1	49	18.24	18.02	18.14	18.03	18.32	18.40
20	16QAM	1	99	18.20	18.08	18.13	18.05	18.34	18.40
20	16QAM	50	0	18.24	18.00	18.10	18.06	18.24	18.40
20	16QAM	50	24	18.17	17.94	18.04	17.97	18.25	18.40
20	16QAM	50	50	18.16	17.99	18.03	17.98	18.28	18.40
20	16QAM	100	0	18.21	17.96	18.05	17.99	18.27	18.40
20	64QAM	1	0	17.93	17.87	17.81	17.97	17.87	18.40
20	64QAM	1	49	17.83	17.85	17.91	17.85	17.89	18.40
20	64QAM	1	99	17.99	17.90	17.90	17.88	17.99	18.40
20	64QAM	50	0	18.26	18.04	18.13	18.09	18.26	18.40
20	64QAM	50	24	18.20	17.99	18.08	18.02	18.26	18.40
20	64QAM	50	50	18.19	18.01	18.06	18.01	18.31	18.40
20	64QAM	100	0	18.24	18.00	18.10	18.03	18.29	18.40
20	256QAM	1	0	17.85	17.93	18.07	18.02	18.10	18.40
20	256QAM	1	49	18.13	17.90	17.99	17.92	18.15	18.40
20	256QAM	1	99	18.09	17.95	17.97	17.91	18.26	18.40
20	256QAM	50	0	17.85	18.09	18.19	18.16	18.34	18.40
20	256QAM	50	24	18.28	18.05	18.14	18.10	18.34	18.40
20	256QAM	50	50	18.25	18.09	18.12	18.08	18.35	18.40
20	256QAM	100	0	17.86	18.02	18.11	18.05	18.30	18.40
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.11	17.93	18.03	17.94	18.22	18.40
15	QPSK	1	37	18.12	17.89	18.02	17.84	18.06	18.40
15	QPSK	1	74	18.00	17.83	17.86	17.83	18.10	18.40
15	QPSK	36	0	18.04	17.93	17.98	17.89	18.20	18.40
15	QPSK	36	20	17.96	17.82	17.86	17.81	18.04	18.40
15	QPSK	36	39	18.10	17.82	17.84	17.81	18.16	18.40
15	QPSK	75	0	18.10	17.83	17.97	17.89	18.16	18.40
15	16QAM	1	0	18.29	17.96	18.14	17.97	18.29	18.40
15	16QAM	1	37	18.11	18.01	18.01	17.88	18.29	18.40
15	16QAM	1	74	18.08	18.05	18.09	18.00	18.27	18.40
15	16QAM	36	0	18.10	17.93	18.06	17.99	18.18	18.40
15	16QAM	36	20	18.05	17.91	17.93	17.86	18.10	18.40
15	16QAM	36	39	18.03	17.91	17.97	17.93	18.16	18.40
15	16QAM	75	0	18.13	17.88	17.90	17.88	18.24	18.40
15	64QAM	1	0	17.89	17.80	17.82	17.89	17.83	18.40
15	64QAM	1	37	17.81	17.81	17.82	17.83	17.81	18.40
15	64QAM	1	74	17.89	17.88	17.82	17.80	17.87	18.40
15	64QAM	36	0	18.16	17.93	18.08	17.98	18.19	18.40
15	64QAM	36	20	18.08	17.94	18.06	17.88	18.17	18.40
15	64QAM	36	39	18.04	17.96	18.05	17.88	18.18	18.40
15	64QAM	75	0	18.18	17.96	17.96	17.93	18.28	18.40
15	256QAM	1	0	17.81	17.82	18.03	17.92	18.02	18.40
15	256QAM	1	37	18.01	17.88	17.86	17.88	18.04	18.40
15	256QAM	1	74	18.00	17.94	17.94	17.89	18.16	18.40
15	256QAM	36	0	17.81	18.01	18.15	18.06	18.22	18.40
15	256QAM	36	20	18.14	18.04	18.07	18.01	18.20	18.40
15	256QAM	36	39	18.14	18.02	18.08	17.99	18.29	18.40
15	256QAM	75	0	17.81	17.96	18.05	17.96	18.20	18.40
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.20	17.93	18.06	17.99	18.23	18.40
10	QPSK	1	25	18.13	17.87	17.94	17.80	18.09	18.40
10	QPSK	1	49	18.03	17.91	17.91	17.83	18.12	18.40
10	QPSK	25	0	18.12	17.82	18.00	17.92	18.09	18.40
10	QPSK	25	12	18.04	17.81	17.86	17.84	18.10	18.40
10	QPSK	25	25	17.98	17.91	17.93	17.81	18.18	18.40
10	QPSK	50	0	18.05	17.80	17.92	17.80	18.13	18.40
10	16QAM	1	0	18.19	18.03	18.21	18.00	18.20	18.40

10	16QAM	1	25	18.19	17.93	18.11	17.90	18.18	18.40
10	16QAM	1	49	18.11	18.03	18.07	17.93	18.31	18.40
10	16QAM	25	0	18.14	17.95	18.00	18.02	18.22	18.40
10	16QAM	25	12	18.10	17.86	17.99	17.94	18.12	18.40
10	16QAM	25	25	18.09	17.93	17.88	17.96	18.16	18.40
10	16QAM	50	0	18.11	17.86	17.94	17.86	18.22	18.40
10	64QAM	1	0	17.89	17.80	17.81	17.92	17.80	18.40
10	64QAM	1	25	17.80	17.80	17.88	17.80	17.80	18.40
10	64QAM	1	49	17.87	17.85	17.80	17.84	17.91	18.40
10	64QAM	25	0	18.22	17.91	17.99	17.97	18.12	18.40
10	64QAM	25	12	18.10	17.95	18.06	17.88	18.17	18.40
10	64QAM	25	25	18.05	17.95	18.03	17.87	18.22	18.40
10	64QAM	50	0	18.14	17.90	18.07	18.01	18.22	18.40
10	256QAM	1	0	17.80	17.83	17.97	17.97	18.04	18.40
10	256QAM	1	25	18.06	17.80	17.88	17.80	18.02	18.40
10	256QAM	1	49	18.02	17.86	17.94	17.89	18.23	18.40
10	256QAM	25	0	17.80	18.01	18.11	18.14	18.19	18.40
10	256QAM	25	12	18.25	17.94	18.03	18.04	18.21	18.40
10	256QAM	25	25	18.18	17.97	18.08	18.02	18.24	18.40
10	256QAM	50	0	17.80	17.94	17.98	17.95	18.16	18.40
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.13	17.96	18.00	17.88	18.21	18.40
5	QPSK	1	12	18.15	17.85	17.93	17.90	18.11	18.40
5	QPSK	1	24	18.07	17.89	17.91	17.91	18.22	18.40
5	QPSK	12	0	18.04	17.90	17.92	17.83	18.13	18.40
5	QPSK	12	7	18.01	17.80	17.88	17.81	18.07	18.40
5	QPSK	12	13	17.97	17.90	17.94	17.85	18.08	18.40
5	QPSK	25	0	18.03	17.86	17.91	17.85	18.14	18.40
5	16QAM	1	0	18.28	18.03	18.11	18.04	18.26	18.40
5	16QAM	1	12	18.22	17.91	18.10	17.92	18.22	18.40
5	16QAM	1	24	18.10	18.06	18.05	18.03	18.23	18.40
5	16QAM	12	0	18.14	17.94	18.09	18.04	18.17	18.40
5	16QAM	12	7	18.16	17.89	17.96	17.92	18.21	18.40
5	16QAM	12	13	18.05	17.90	18.01	17.95	18.21	18.40
5	16QAM	25	0	18.14	17.90	18.00	17.86	18.15	18.40
5	64QAM	1	0	17.87	17.81	17.80	17.92	17.80	18.40
5	64QAM	1	12	17.80	17.80	17.86	17.84	17.85	18.40
5	64QAM	1	24	17.89	17.80	17.85	17.80	17.95	18.40
5	64QAM	12	0	18.25	18.03	18.08	18.05	18.14	18.40
5	64QAM	12	7	18.14	17.97	17.95	17.98	18.19	18.40
5	64QAM	12	13	18.13	17.86	17.97	17.96	18.18	18.40
5	64QAM	25	0	18.10	17.94	18.07	17.99	18.26	18.40
5	256QAM	1	0	17.81	17.80	17.93	18.00	17.99	18.40
5	256QAM	1	12	18.09	17.82	17.86	17.86	18.01	18.40
5	256QAM	1	24	18.04	17.90	17.91	17.80	18.23	18.40
5	256QAM	12	0	17.83	18.02	18.10	18.07	18.19	18.40
5	256QAM	12	7	18.18	17.97	18.03	18.01	18.30	18.40
5	256QAM	12	13	18.13	17.96	18.09	18.02	18.28	18.40
5	256QAM	25	0	17.80	18.01	18.02	17.96	18.17	18.40

【LTE Band 41 FCC (2496~2690MHz) Ant 5 ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.43	19.15	19.44	19.25	19.40	19.90
20	QPSK	1	49	19.21	18.94	19.30	19.09	19.20	19.90
20	QPSK	1	99	19.33	19.01	19.41	19.08	19.29	19.90
20	QPSK	50	0	19.32	19.02	19.43	19.18	19.26	19.90
20	QPSK	50	24	19.23	18.97	19.31	19.02	19.19	19.90
20	QPSK	50	50	19.21	18.93	19.33	19.07	19.26	19.90
20	QPSK	100	0	19.31	19.01	19.38	19.10	19.26	19.90
20	16QAM	1	0	19.43	19.15	19.61	19.24	19.39	19.90
20	16QAM	1	49	19.40	19.15	19.50	19.22	19.39	19.90
20	16QAM	1	99	19.39	19.13	19.55	19.25	19.39	19.90
20	16QAM	50	0	19.37	19.08	19.48	19.22	19.39	19.90
20	16QAM	50	24	19.28	19.04	19.35	19.15	19.28	19.90
20	16QAM	50	50	19.23	19.03	19.37	19.14	19.26	19.90
20	16QAM	100	0	19.35	19.11	19.43	19.16	19.38	19.90
20	64QAM	1	0	19.02	18.83	19.16	18.89	18.98	19.90
20	64QAM	1	49	19.00	18.70	19.09	18.84	18.94	19.90
20	64QAM	1	99	19.03	18.64	19.05	18.78	18.94	19.90
20	64QAM	50	0	19.38	19.11	19.49	19.17	19.39	19.90
20	64QAM	50	24	19.25	18.99	19.39	19.09	19.29	19.90
20	64QAM	50	50	19.34	19.09	19.42	19.17	19.25	19.90
20	64QAM	100	0	19.41	19.14	19.45	19.11	19.34	19.90
20	256QAM	1	0	18.60	18.31	18.69	18.39	18.63	19.90
20	256QAM	1	49	18.39	18.22	18.55	18.31	18.46	19.90
20	256QAM	1	99	18.51	18.32	18.63	18.38	18.46	19.90
20	256QAM	50	0	18.69	18.46	18.85	18.56	18.78	19.90
20	256QAM	50	24	18.61	18.47	18.76	18.44	18.62	19.90
20	256QAM	50	50	18.70	18.41	18.75	18.53	18.59	19.90
20	256QAM	100	0	18.69	18.49	18.81	18.59	18.66	19.90
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.35	19.12	19.30	19.16	19.31	19.90
15	QPSK	1	37	19.12	18.83	19.16	19.08	19.17	19.90
15	QPSK	1	74	19.20	18.92	19.27	18.97	19.26	19.90
15	QPSK	36	0	19.30	18.96	19.29	19.14	19.19	19.90
15	QPSK	36	20	19.22	18.89	19.25	18.95	19.12	19.90
15	QPSK	36	39	19.12	18.81	19.24	18.95	19.15	19.90
15	QPSK	75	0	19.18	18.94	19.28	18.99	19.24	19.90
15	16QAM	1	0	19.39	19.00	19.44	19.16	19.33	19.90
15	16QAM	1	37	19.30	19.07	19.44	19.13	19.31	19.90
15	16QAM	1	74	19.25	19.05	19.43	19.21	19.37	19.90
15	16QAM	36	0	19.28	18.96	19.44	19.13	19.33	19.90
15	16QAM	36	20	19.26	18.89	19.28	19.04	19.21	19.90
15	16QAM	36	39	19.17	18.97	19.35	19.01	19.21	19.90
15	16QAM	75	0	19.29	18.98	19.31	19.05	19.24	19.90
15	64QAM	1	0	19.00	18.82	19.05	18.86	18.84	19.90
15	64QAM	1	37	18.93	18.63	19.07	18.81	18.88	19.90
15	64QAM	1	74	18.96	18.58	18.99	18.66	18.87	19.90
15	64QAM	36	0	19.31	18.98	19.42	19.16	19.34	19.90
15	64QAM	36	20	19.15	18.85	19.31	19.02	19.17	19.90
15	64QAM	36	39	19.28	19.04	19.32	19.05	19.14	19.90
15	64QAM	75	0	19.27	19.03	19.39	19.02	19.30	19.90
15	256QAM	1	0	18.48	18.30	18.59	18.32	18.55	19.90
15	256QAM	1	37	18.27	18.12	18.45	18.25	18.41	19.90
15	256QAM	1	74	18.45	18.30	18.55	18.35	18.33	19.90
15	256QAM	36	0	18.57	18.38	18.71	18.41	18.73	19.90
15	256QAM	36	20	18.56	18.33	18.61	18.31	18.60	19.90
15	256QAM	36	39	18.65	18.36	18.62	18.40	18.57	19.90
15	256QAM	75	0	18.61	18.46	18.77	18.54	18.53	19.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.32	19.07	19.31	19.11	19.31	19.90
10	QPSK	1	25	19.17	18.86	19.16	18.95	19.15	19.90
10	QPSK	1	49	19.31	18.94	19.31	18.98	19.22	19.90
10	QPSK	25	0	19.18	18.92	19.28	19.16	19.24	19.90
10	QPSK	25	12	19.15	18.91	19.19	18.88	19.11	19.90
10	QPSK	25	25	19.17	18.89	19.28	18.93	19.23	19.90
10	QPSK	50	0	19.27	18.88	19.31	18.99	19.22	19.90
10	16QAM	1	0	19.41	19.02	19.44	19.11	19.33	19.90

10	16QAM	1	25	19.25	19.11	19.36	19.08	19.36	19.90
10	16QAM	1	49	19.29	19.10	19.43	19.20	19.34	19.90
10	16QAM	25	0	19.29	19.06	19.42	19.12	19.31	19.90
10	16QAM	25	12	19.27	18.90	19.25	19.03	19.23	19.90
10	16QAM	25	25	19.12	18.91	19.24	18.99	19.13	19.90
10	16QAM	50	0	19.24	19.05	19.39	19.10	19.33	19.90
10	64QAM	1	0	19.01	18.69	19.06	18.75	18.84	19.90
10	64QAM	1	25	18.86	18.63	18.95	18.77	18.89	19.90
10	64QAM	1	49	18.92	18.63	18.99	18.75	18.79	19.90
10	64QAM	25	0	19.29	19.06	19.35	19.07	19.34	19.90
10	64QAM	25	12	19.19	18.97	19.33	19.08	19.19	19.90
10	64QAM	25	25	19.32	19.04	19.30	19.03	19.23	19.90
10	64QAM	50	0	19.30	19.03	19.30	19.03	19.28	19.90
10	256QAM	1	0	18.59	18.19	18.62	18.28	18.48	19.90
10	256QAM	1	25	18.38	18.19	18.52	18.24	18.34	19.90
10	256QAM	1	49	18.38	18.30	18.58	18.37	18.41	19.90
10	256QAM	25	0	18.57	18.31	18.75	18.51	18.65	19.90
10	256QAM	25	12	18.49	18.38	18.69	18.43	18.57	19.90
10	256QAM	25	25	18.59	18.32	18.68	18.51	18.57	19.90
10	256QAM	50	0	18.55	18.48	18.76	18.50	18.51	19.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.30	19.02	19.42	19.11	19.32	19.90
5	QPSK	1	12	19.10	18.83	19.28	18.99	19.14	19.90
5	QPSK	1	24	19.21	18.98	19.37	19.05	19.18	19.90
5	QPSK	12	0	19.17	18.91	19.30	19.06	19.24	19.90
5	QPSK	12	7	19.09	18.89	19.25	18.94	19.14	19.90
5	QPSK	12	13	19.08	18.80	19.23	18.98	19.24	19.90
5	QPSK	25	0	19.24	18.87	19.37	18.96	19.24	19.90
5	16QAM	1	0	19.33	19.02	19.43	19.09	19.30	19.90
5	16QAM	1	12	19.38	19.12	19.43	19.07	19.37	19.90
5	16QAM	1	24	19.33	19.10	19.44	19.19	19.34	19.90
5	16QAM	12	0	19.22	19.01	19.39	19.20	19.26	19.90
5	16QAM	12	7	19.20	19.02	19.26	19.10	19.13	19.90
5	16QAM	12	13	19.14	18.95	19.31	19.00	19.24	19.90
5	16QAM	25	0	19.25	18.99	19.34	19.06	19.35	19.90
5	64QAM	1	0	18.96	18.71	19.08	18.86	18.88	19.90
5	64QAM	1	12	18.92	18.64	18.98	18.82	18.82	19.90
5	64QAM	1	24	18.98	18.51	19.03	18.75	18.85	19.90
5	64QAM	12	0	19.27	19.04	19.42	19.06	19.34	19.90
5	64QAM	12	7	19.17	18.89	19.33	18.97	19.26	19.90
5	64QAM	12	13	19.28	19.08	19.40	19.14	19.15	19.90
5	64QAM	25	0	19.39	19.06	19.33	19.02	19.25	19.90
5	256QAM	1	0	18.47	18.16	18.66	18.29	18.51	19.90
5	256QAM	1	12	18.29	18.12	18.46	18.21	18.36	19.90
5	256QAM	1	24	18.47	18.29	18.57	18.30	18.40	19.90
5	256QAM	12	0	18.66	18.42	18.73	18.49	18.64	19.90
5	256QAM	12	7	18.52	18.39	18.69	18.40	18.48	19.90
5	256QAM	12	13	18.59	18.37	18.68	18.52	18.49	19.90
5	256QAM	25	0	18.61	18.35	18.75	18.52	18.55	19.90

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.24	17.98	18.13	18.00	18.25	18.40
20	QPSK	1	49	18.17	17.92	18.04	17.93	18.21	18.40
20	QPSK	1	99	18.13	17.95	18.00	17.93	18.23	18.40
20	QPSK	50	0	18.17	17.94	18.04	17.98	18.21	18.40
20	QPSK	50	24	18.10	17.89	17.99	17.92	18.18	18.40
20	QPSK	50	50	18.11	17.92	17.98	17.92	18.20	18.40
20	QPSK	100	0	18.14	17.87	17.99	17.91	18.18	18.40
20	16QAM	1	0	18.33	18.05	18.25	18.10	18.30	18.40
20	16QAM	1	49	18.24	18.02	18.14	18.03	18.32	18.40
20	16QAM	1	99	18.20	18.08	18.13	18.05	18.34	18.40
20	16QAM	50	0	18.24	18.00	18.10	18.06	18.24	18.40
20	16QAM	50	24	18.17	17.94	18.04	17.97	18.25	18.40
20	16QAM	50	50	18.16	17.99	18.03	17.98	18.28	18.40
20	16QAM	100	0	18.21	17.96	18.05	17.99	18.27	18.40
20	64QAM	1	0	17.93	17.87	17.81	17.97	17.87	18.40
20	64QAM	1	49	17.83	17.85	17.91	17.85	17.89	18.40
20	64QAM	1	99	17.99	17.90	17.90	17.88	17.99	18.40
20	64QAM	50	0	18.26	18.04	18.13	18.09	18.26	18.40
20	64QAM	50	24	18.20	17.99	18.08	18.02	18.26	18.40
20	64QAM	50	50	18.19	18.01	18.06	18.01	18.31	18.40
20	64QAM	100	0	18.24	18.00	18.10	18.03	18.29	18.40
20	256QAM	1	0	17.85	17.93	18.07	18.02	18.10	18.40
20	256QAM	1	49	18.13	17.90	17.99	17.92	18.15	18.40
20	256QAM	1	99	18.09	17.95	17.97	17.91	18.26	18.40
20	256QAM	50	0	17.85	18.09	18.19	18.16	18.34	18.40
20	256QAM	50	24	18.28	18.05	18.14	18.10	18.34	18.40
20	256QAM	50	50	18.25	18.09	18.12	18.08	18.35	18.40
20	256QAM	100	0	17.86	18.02	18.11	18.05	18.30	18.40
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.11	17.93	18.03	17.94	18.22	18.40
15	QPSK	1	37	18.12	17.89	18.02	17.84	18.06	18.40
15	QPSK	1	74	18.00	17.83	17.86	17.83	18.10	18.40
15	QPSK	36	0	18.04	17.93	17.98	17.89	18.20	18.40
15	QPSK	36	20	17.96	17.82	17.86	17.81	18.04	18.40
15	QPSK	36	39	18.10	17.82	17.84	17.81	18.16	18.40
15	QPSK	75	0	18.10	17.83	17.97	17.89	18.16	18.40
15	16QAM	1	0	18.29	17.96	18.14	17.97	18.29	18.40
15	16QAM	1	37	18.11	18.01	18.01	17.88	18.29	18.40
15	16QAM	1	74	18.08	18.05	18.09	18.00	18.27	18.40
15	16QAM	36	0	18.10	17.93	18.06	17.99	18.18	18.40
15	16QAM	36	20	18.05	17.91	17.93	17.86	18.10	18.40
15	16QAM	36	39	18.03	17.91	17.97	17.93	18.16	18.40
15	16QAM	75	0	18.13	17.88	17.90	17.88	18.24	18.40
15	64QAM	1	0	17.89	17.80	17.82	17.89	17.83	18.40
15	64QAM	1	37	17.81	17.81	17.82	17.83	17.81	18.40
15	64QAM	1	74	17.89	17.88	17.82	17.80	17.87	18.40
15	64QAM	36	0	18.16	17.93	18.08	17.98	18.19	18.40
15	64QAM	36	20	18.08	17.94	18.06	17.88	18.17	18.40
15	64QAM	36	39	18.04	17.96	18.05	17.88	18.18	18.40
15	64QAM	75	0	18.18	17.96	17.96	17.93	18.28	18.40
15	256QAM	1	0	17.81	17.82	18.03	17.92	18.02	18.40
15	256QAM	1	37	18.01	17.88	17.86	17.88	18.04	18.40
15	256QAM	1	74	18.00	17.94	17.94	17.89	18.16	18.40
15	256QAM	36	0	17.81	18.01	18.15	18.06	18.22	18.40
15	256QAM	36	20	18.14	18.04	18.07	18.01	18.20	18.40
15	256QAM	36	39	18.14	18.02	18.08	17.99	18.29	18.40
15	256QAM	75	0	17.81	17.96	18.05	17.96	18.20	18.40
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.20	17.93	18.06	17.99	18.23	18.40
10	QPSK	1	25	18.13	17.87	17.94	17.80	18.09	18.40
10	QPSK	1	49	18.03	17.91	17.91	17.83	18.12	18.40
10	QPSK	25	0	18.12	17.82	18.00	17.92	18.09	18.40
10	QPSK	25	12	18.04	17.81	17.86	17.84	18.10	18.40
10	QPSK	25	25	17.98	17.91	17.93	17.81	18.18	18.40
10	QPSK	50	0	18.05	17.80	17.92	17.80	18.13	18.40
10	16QAM	1	0	18.19	18.03	18.21	18.00	18.20	18.40

10	16QAM	1	25	18.19	17.93	18.11	17.90	18.18	18.40
10	16QAM	1	49	18.11	18.03	18.07	17.93	18.31	18.40
10	16QAM	25	0	18.14	17.95	18.00	18.02	18.22	18.40
10	16QAM	25	12	18.10	17.86	17.99	17.94	18.12	18.40
10	16QAM	25	25	18.09	17.93	17.88	17.96	18.16	18.40
10	16QAM	50	0	18.11	17.86	17.94	17.86	18.22	18.40
10	64QAM	1	0	17.89	17.80	17.81	17.92	17.80	18.40
10	64QAM	1	25	17.80	17.80	17.88	17.80	17.80	18.40
10	64QAM	1	49	17.87	17.85	17.80	17.84	17.91	18.40
10	64QAM	25	0	18.22	17.91	17.99	17.97	18.12	18.40
10	64QAM	25	12	18.10	17.95	18.06	17.88	18.17	18.40
10	64QAM	25	25	18.05	17.95	18.03	17.87	18.22	18.40
10	64QAM	50	0	18.14	17.90	18.07	18.01	18.22	18.40
10	256QAM	1	0	17.80	17.83	17.97	17.97	18.04	18.40
10	256QAM	1	25	18.06	17.80	17.88	17.80	18.02	18.40
10	256QAM	1	49	18.02	17.86	17.94	17.89	18.23	18.40
10	256QAM	25	0	17.80	18.01	18.11	18.14	18.19	18.40
10	256QAM	25	12	18.25	17.94	18.03	18.04	18.21	18.40
10	256QAM	25	25	18.18	17.97	18.08	18.02	18.24	18.40
10	256QAM	50	0	17.80	17.94	17.98	17.95	18.16	18.40
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.13	17.96	18.00	17.88	18.21	18.40
5	QPSK	1	12	18.15	17.85	17.93	17.90	18.11	18.40
5	QPSK	1	24	18.07	17.89	17.91	17.91	18.22	18.40
5	QPSK	12	0	18.04	17.90	17.92	17.83	18.13	18.40
5	QPSK	12	7	18.01	17.80	17.88	17.81	18.07	18.40
5	QPSK	12	13	17.97	17.90	17.94	17.85	18.08	18.40
5	QPSK	25	0	18.03	17.86	17.91	17.85	18.14	18.40
5	16QAM	1	0	18.28	18.03	18.11	18.04	18.26	18.40
5	16QAM	1	12	18.22	17.91	18.10	17.92	18.22	18.40
5	16QAM	1	24	18.10	18.06	18.05	18.03	18.23	18.40
5	16QAM	12	0	18.14	17.94	18.09	18.04	18.17	18.40
5	16QAM	12	7	18.16	17.89	17.96	17.92	18.21	18.40
5	16QAM	12	13	18.05	17.90	18.01	17.95	18.21	18.40
5	16QAM	25	0	18.14	17.90	18.00	17.86	18.15	18.40
5	64QAM	1	0	17.87	17.81	17.80	17.92	17.80	18.40
5	64QAM	1	12	17.80	17.80	17.86	17.84	17.85	18.40
5	64QAM	1	24	17.89	17.80	17.85	17.80	17.95	18.40
5	64QAM	12	0	18.25	18.03	18.08	18.05	18.14	18.40
5	64QAM	12	7	18.14	17.97	17.95	17.98	18.19	18.40
5	64QAM	12	13	18.13	17.86	17.97	17.96	18.18	18.40
5	64QAM	25	0	18.10	17.94	18.07	17.99	18.26	18.40
5	256QAM	1	0	17.81	17.80	17.93	18.00	17.99	18.40
5	256QAM	1	12	18.09	17.82	17.86	17.86	18.01	18.40
5	256QAM	1	24	18.04	17.90	17.91	17.80	18.23	18.40
5	256QAM	12	0	17.83	18.02	18.10	18.07	18.19	18.40
5	256QAM	12	7	18.18	17.97	18.03	18.01	18.30	18.40
5	256QAM	12	13	18.13	17.96	18.09	18.02	18.28	18.40
5	256QAM	25	0	17.80	18.01	18.02	17.96	18.17	18.40

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.78	18.47	18.66	18.54	18.79	20.10
20	QPSK	1	49	18.67	18.46	18.56	18.48	18.74	20.10
20	QPSK	1	99	18.65	18.40	18.50	18.46	18.78	20.10
20	QPSK	50	0	18.70	18.46	18.57	18.51	18.72	20.10
20	QPSK	50	24	18.64	18.39	18.51	18.44	18.70	20.10
20	QPSK	50	50	18.64	18.46	18.49	18.46	18.72	20.10
20	QPSK	100	0	18.66	18.41	18.51	18.46	18.71	20.10
20	16QAM	1	0	18.97	18.69	18.88	18.78	18.94	20.10
20	16QAM	1	49	18.85	18.65	18.74	18.77	18.94	20.10
20	16QAM	1	99	18.81	18.75	18.76	18.76	19.00	20.10
20	16QAM	50	0	18.77	18.55	18.64	18.59	18.78	20.10
20	16QAM	50	24	18.71	18.47	18.57	18.50	18.78	20.10
20	16QAM	50	50	18.69	18.52	18.56	18.52	18.82	20.10
20	16QAM	100	0	18.71	18.49	18.59	18.52	18.79	20.10
20	64QAM	1	0	18.78	18.48	18.64	18.56	18.73	20.10
20	64QAM	1	49	18.69	18.49	18.54	18.45	18.73	20.10
20	64QAM	1	99	18.65	18.53	18.51	18.49	18.84	20.10
20	64QAM	50	0	18.80	18.55	18.65	18.60	18.81	20.10
20	64QAM	50	24	18.73	18.50	18.60	18.54	18.81	20.10
20	64QAM	50	50	18.71	18.54	18.57	18.52	18.84	20.10
20	64QAM	100	0	18.77	18.53	18.63	18.56	18.82	20.10
20	256QAM	1	0	18.77	18.56	18.71	18.69	18.77	20.10
20	256QAM	1	49	18.75	18.58	18.62	18.55	18.77	20.10
20	256QAM	1	99	18.71	18.62	18.60	18.59	18.89	20.10
20	256QAM	50	0	18.70	18.60	18.70	18.67	18.94	20.10
20	256QAM	50	24	18.79	18.55	18.67	18.60	18.83	20.10
20	256QAM	50	50	18.39	18.59	18.64	18.59	18.85	20.10
20	256QAM	100	0	18.42	18.54	18.64	18.58	18.81	20.10
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.70	18.40	18.64	18.52	18.74	20.10
15	QPSK	1	37	18.56	18.42	18.44	18.46	18.65	20.10
15	QPSK	1	74	18.59	18.29	18.45	18.32	18.74	20.10
15	QPSK	36	0	18.61	18.41	18.49	18.39	18.68	20.10
15	QPSK	36	20	18.62	18.31	18.38	18.37	18.56	20.10
15	QPSK	36	39	18.52	18.39	18.41	18.45	18.59	20.10
15	QPSK	75	0	18.56	18.37	18.48	18.44	18.61	20.10
15	16QAM	1	0	18.87	18.60	18.81	18.63	18.91	20.10
15	16QAM	1	37	18.82	18.64	18.70	18.62	18.84	20.10
15	16QAM	1	74	18.68	18.60	18.73	18.75	18.95	20.10
15	16QAM	36	0	18.73	18.52	18.58	18.49	18.75	20.10
15	16QAM	36	20	18.56	18.37	18.48	18.49	18.64	20.10
15	16QAM	36	39	18.62	18.50	18.41	18.40	18.68	20.10
15	16QAM	75	0	18.64	18.46	18.47	18.43	18.65	20.10
15	64QAM	1	0	18.66	18.37	18.52	18.49	18.67	20.10
15	64QAM	1	37	18.68	18.40	18.45	18.40	18.60	20.10
15	64QAM	1	74	18.58	18.46	18.46	18.37	18.83	20.10
15	64QAM	36	0	18.72	18.42	18.51	18.48	18.66	20.10
15	64QAM	36	20	18.67	18.45	18.48	18.43	18.72	20.10
15	64QAM	36	39	18.57	18.39	18.56	18.46	18.81	20.10
15	64QAM	75	0	18.69	18.42	18.50	18.53	18.77	20.10
15	256QAM	1	0	18.63	18.46	18.63	18.57	18.66	20.10
15	256QAM	1	37	18.61	18.54	18.49	18.40	18.70	20.10
15	256QAM	1	74	18.62	18.59	18.51	18.56	18.83	20.10
15	256QAM	36	0	18.64	18.47	18.67	18.60	18.87	20.10
15	256QAM	36	20	18.69	18.46	18.60	18.48	18.74	20.10
15	256QAM	36	39	18.32	18.48	18.53	18.44	18.79	20.10
15	256QAM	75	0	18.33	18.42	18.61	18.48	18.76	20.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.73	18.42	18.65	18.47	18.70	20.10
10	QPSK	1	25	18.60	18.38	18.43	18.37	18.64	20.10
10	QPSK	1	49	18.52	18.36	18.46	18.44	18.69	20.10
10	QPSK	25	0	18.64	18.45	18.44	18.49	18.69	20.10
10	QPSK	25	12	18.60	18.35	18.43	18.43	18.68	20.10
10	QPSK	25	25	18.58	18.36	18.39	18.43	18.60	20.10
10	QPSK	50	0	18.51	18.29	18.48	18.34	18.70	20.10

10	16QAM	1	0	18.87	18.59	18.83	18.64	18.91	20.10
10	16QAM	1	25	18.70	18.63	18.65	18.73	18.84	20.10
10	16QAM	1	49	18.75	18.62	18.61	18.69	18.86	20.10
10	16QAM	25	0	18.71	18.44	18.57	18.58	18.66	20.10
10	16QAM	25	12	18.63	18.34	18.52	18.36	18.69	20.10
10	16QAM	25	25	18.63	18.50	18.52	18.40	18.74	20.10
10	16QAM	50	0	18.66	18.38	18.55	18.40	18.65	20.10
10	64QAM	1	0	18.76	18.37	18.62	18.44	18.68	20.10
10	64QAM	1	25	18.55	18.45	18.40	18.35	18.69	20.10
10	64QAM	1	49	18.64	18.50	18.50	18.48	18.76	20.10
10	64QAM	25	0	18.74	18.53	18.62	18.49	18.78	20.10
10	64QAM	25	12	18.62	18.44	18.55	18.44	18.68	20.10
10	64QAM	25	25	18.59	18.47	18.44	18.43	18.83	20.10
10	64QAM	50	0	18.71	18.48	18.57	18.54	18.75	20.10
10	256QAM	1	0	18.70	18.54	18.63	18.55	18.66	20.10
10	256QAM	1	25	18.62	18.52	18.59	18.46	18.64	20.10
10	256QAM	1	49	18.60	18.52	18.51	18.45	18.74	20.10
10	256QAM	25	0	18.58	18.58	18.63	18.56	18.85	20.10
10	256QAM	25	12	18.66	18.43	18.52	18.48	18.78	20.10
10	256QAM	25	25	18.26	18.45	18.62	18.47	18.72	20.10
10	256QAM	50	0	18.35	18.41	18.52	18.49	18.72	20.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.68	18.33	18.57	18.52	18.67	20.10
5	QPSK	1	12	18.57	18.37	18.46	18.33	18.66	20.10
5	QPSK	1	24	18.62	18.26	18.49	18.35	18.68	20.10
5	QPSK	12	0	18.63	18.39	18.42	18.48	18.66	20.10
5	QPSK	12	7	18.50	18.31	18.44	18.39	18.65	20.10
5	QPSK	12	13	18.56	18.38	18.40	18.35	18.70	20.10
5	QPSK	25	0	18.61	18.26	18.43	18.33	18.67	20.10
5	16QAM	1	0	18.82	18.66	18.80	18.65	18.88	20.10
5	16QAM	1	12	18.81	18.61	18.68	18.72	18.92	20.10
5	16QAM	1	24	18.68	18.73	18.74	18.69	18.96	20.10
5	16QAM	12	0	18.72	18.40	18.53	18.51	18.70	20.10
5	16QAM	12	7	18.70	18.33	18.48	18.46	18.66	20.10
5	16QAM	12	13	18.57	18.43	18.45	18.50	18.79	20.10
5	16QAM	25	0	18.59	18.43	18.51	18.39	18.72	20.10
5	64QAM	1	0	18.69	18.35	18.56	18.54	18.67	20.10
5	64QAM	1	12	18.57	18.44	18.39	18.35	18.63	20.10
5	64QAM	1	24	18.57	18.46	18.39	18.41	18.79	20.10
5	64QAM	12	0	18.66	18.53	18.57	18.49	18.73	20.10
5	64QAM	12	7	18.67	18.35	18.55	18.47	18.79	20.10
5	64QAM	12	13	18.62	18.53	18.49	18.49	18.73	20.10
5	64QAM	25	0	18.67	18.40	18.59	18.55	18.74	20.10
5	256QAM	1	0	18.70	18.52	18.67	18.63	18.74	20.10
5	256QAM	1	12	18.71	18.45	18.52	18.43	18.69	20.10
5	256QAM	1	24	18.61	18.55	18.52	18.46	18.81	20.10
5	256QAM	12	0	18.63	18.46	18.58	18.52	18.81	20.10
5	256QAM	12	7	18.72	18.40	18.60	18.53	18.79	20.10
5	256QAM	12	13	18.28	18.57	18.55	18.56	18.73	20.10
5	256QAM	25	0	18.36	18.45	18.53	18.56	18.80	20.10

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	19.20
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.78	18.47	18.66	18.54	18.79	19.20
20	QPSK	1	49	18.67	18.46	18.56	18.48	18.74	19.20
20	QPSK	1	99	18.65	18.40	18.50	18.46	18.78	19.20
20	QPSK	50	0	18.70	18.46	18.57	18.51	18.72	19.20
20	QPSK	50	24	18.64	18.39	18.51	18.44	18.70	19.20
20	QPSK	50	50	18.64	18.46	18.49	18.46	18.72	19.20
20	QPSK	100	0	18.66	18.41	18.51	18.46	18.71	19.20
20	16QAM	1	0	18.97	18.69	18.88	18.78	18.94	19.20
20	16QAM	1	49	18.85	18.65	18.74	18.77	18.94	19.20
20	16QAM	1	99	18.81	18.75	18.76	18.76	19.00	19.20
20	16QAM	50	0	18.77	18.55	18.64	18.59	18.78	19.20
20	16QAM	50	24	18.71	18.47	18.57	18.50	18.78	19.20
20	16QAM	50	50	18.69	18.52	18.56	18.52	18.82	19.20
20	16QAM	100	0	18.71	18.49	18.59	18.52	18.79	19.20
20	64QAM	1	0	18.78	18.48	18.64	18.56	18.73	19.20
20	64QAM	1	49	18.69	18.49	18.54	18.45	18.73	19.20
20	64QAM	1	99	18.65	18.53	18.51	18.49	18.84	19.20
20	64QAM	50	0	18.80	18.55	18.65	18.60	18.81	19.20
20	64QAM	50	24	18.73	18.50	18.60	18.54	18.81	19.20
20	64QAM	50	50	18.71	18.54	18.57	18.52	18.84	19.20
20	64QAM	100	0	18.77	18.53	18.63	18.56	18.82	19.20
20	256QAM	1	0	18.77	18.56	18.71	18.69	18.77	19.20
20	256QAM	1	49	18.75	18.58	18.62	18.55	18.77	19.20
20	256QAM	1	99	18.71	18.62	18.60	18.59	18.89	19.20
20	256QAM	50	0	18.70	18.60	18.70	18.67	18.94	19.20
20	256QAM	50	24	18.79	18.55	18.67	18.60	18.83	19.20
20	256QAM	50	50	18.39	18.59	18.64	18.59	18.85	19.20
20	256QAM	100	0	18.42	18.54	18.64	18.58	18.81	19.20
Channel				39725	40173	40620	41068	41515	19.20
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.70	18.40	18.64	18.52	18.74	19.20
15	QPSK	1	37	18.56	18.42	18.44	18.46	18.65	19.20
15	QPSK	1	74	18.59	18.29	18.45	18.32	18.74	19.20
15	QPSK	36	0	18.61	18.41	18.49	18.39	18.68	19.20
15	QPSK	36	20	18.62	18.31	18.38	18.37	18.56	19.20
15	QPSK	36	39	18.52	18.39	18.41	18.45	18.59	19.20
15	QPSK	75	0	18.56	18.37	18.48	18.44	18.61	19.20
15	16QAM	1	0	18.87	18.60	18.81	18.63	18.91	19.20
15	16QAM	1	37	18.82	18.64	18.70	18.62	18.84	19.20
15	16QAM	1	74	18.68	18.60	18.73	18.75	18.95	19.20
15	16QAM	36	0	18.73	18.52	18.58	18.49	18.75	19.20
15	16QAM	36	20	18.56	18.37	18.48	18.49	18.64	19.20
15	16QAM	36	39	18.62	18.50	18.41	18.40	18.68	19.20
15	16QAM	75	0	18.64	18.46	18.47	18.43	18.65	19.20
15	64QAM	1	0	18.66	18.37	18.52	18.49	18.67	19.20
15	64QAM	1	37	18.68	18.40	18.45	18.40	18.60	19.20
15	64QAM	1	74	18.58	18.46	18.46	18.37	18.83	19.20
15	64QAM	36	0	18.72	18.42	18.51	18.48	18.66	19.20
15	64QAM	36	20	18.67	18.45	18.48	18.43	18.72	19.20
15	64QAM	36	39	18.57	18.39	18.56	18.46	18.81	19.20
15	64QAM	75	0	18.69	18.42	18.50	18.53	18.77	19.20
15	256QAM	1	0	18.63	18.46	18.63	18.57	18.66	19.20
15	256QAM	1	37	18.61	18.54	18.49	18.40	18.70	19.20
15	256QAM	1	74	18.62	18.59	18.51	18.56	18.83	19.20
15	256QAM	36	0	18.64	18.47	18.67	18.60	18.87	19.20
15	256QAM	36	20	18.69	18.46	18.60	18.48	18.74	19.20
15	256QAM	36	39	18.32	18.48	18.53	18.44	18.79	19.20
15	256QAM	75	0	18.33	18.42	18.61	18.48	18.76	19.20
Channel				39700	40160	40620	41080	41540	19.20
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.73	18.42	18.65	18.47	18.70	19.20
10	QPSK	1	25	18.60	18.38	18.43	18.37	18.64	19.20
10	QPSK	1	49	18.52	18.36	18.46	18.44	18.69	19.20
10	QPSK	25	0	18.64	18.45	18.44	18.49	18.69	19.20
10	QPSK	25	12	18.60	18.35	18.43	18.43	18.68	19.20
10	QPSK	25	25	18.58	18.36	18.39	18.43	18.60	19.20
10	QPSK	50	0	18.51	18.29	18.48	18.34	18.70	19.20
10	16QAM	1	0	18.87	18.59	18.83	18.64	18.91	19.20

10	16QAM	1	25	18.70	18.63	18.65	18.73	18.84	19.20
10	16QAM	1	49	18.75	18.62	18.61	18.69	18.86	19.20
10	16QAM	25	0	18.71	18.44	18.57	18.58	18.66	19.20
10	16QAM	25	12	18.63	18.34	18.52	18.36	18.69	19.20
10	16QAM	25	25	18.63	18.50	18.52	18.40	18.74	19.20
10	16QAM	50	0	18.66	18.38	18.55	18.40	18.65	19.20
10	64QAM	1	0	18.76	18.37	18.62	18.44	18.68	19.20
10	64QAM	1	25	18.55	18.45	18.40	18.35	18.69	19.20
10	64QAM	1	49	18.64	18.50	18.50	18.48	18.76	19.20
10	64QAM	25	0	18.74	18.53	18.62	18.49	18.78	19.20
10	64QAM	25	12	18.62	18.44	18.55	18.44	18.68	19.20
10	64QAM	25	25	18.59	18.47	18.44	18.43	18.83	19.20
10	64QAM	50	0	18.71	18.48	18.57	18.54	18.75	19.20
10	256QAM	1	0	18.70	18.54	18.63	18.55	18.66	19.20
10	256QAM	1	25	18.62	18.52	18.59	18.46	18.64	19.20
10	256QAM	1	49	18.60	18.52	18.51	18.45	18.74	19.20
10	256QAM	25	0	18.58	18.58	18.63	18.56	18.85	19.20
10	256QAM	25	12	18.66	18.43	18.52	18.48	18.78	19.20
10	256QAM	25	25	18.26	18.45	18.62	18.47	18.72	19.20
10	256QAM	50	0	18.35	18.41	18.52	18.49	18.72	19.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.68	18.33	18.57	18.52	18.67	19.20
5	QPSK	1	12	18.57	18.37	18.46	18.33	18.66	19.20
5	QPSK	1	24	18.62	18.26	18.49	18.35	18.68	19.20
5	QPSK	12	0	18.63	18.39	18.42	18.48	18.66	19.20
5	QPSK	12	7	18.50	18.31	18.44	18.39	18.65	19.20
5	QPSK	12	13	18.56	18.38	18.40	18.35	18.70	19.20
5	QPSK	25	0	18.61	18.26	18.43	18.33	18.67	19.20
5	16QAM	1	0	18.82	18.66	18.80	18.65	18.88	19.20
5	16QAM	1	12	18.81	18.61	18.68	18.72	18.92	19.20
5	16QAM	1	24	18.68	18.73	18.74	18.69	18.96	19.20
5	16QAM	12	0	18.72	18.40	18.53	18.51	18.70	19.20
5	16QAM	12	7	18.70	18.33	18.48	18.46	18.66	19.20
5	16QAM	12	13	18.57	18.43	18.45	18.50	18.79	19.20
5	16QAM	25	0	18.59	18.43	18.51	18.39	18.72	19.20
5	64QAM	1	0	18.69	18.35	18.56	18.54	18.67	19.20
5	64QAM	1	12	18.57	18.44	18.39	18.35	18.63	19.20
5	64QAM	1	24	18.57	18.46	18.39	18.41	18.79	19.20
5	64QAM	12	0	18.66	18.53	18.57	18.49	18.73	19.20
5	64QAM	12	7	18.67	18.35	18.55	18.47	18.79	19.20
5	64QAM	12	13	18.62	18.53	18.49	18.49	18.73	19.20
5	64QAM	25	0	18.67	18.40	18.59	18.55	18.74	19.20
5	256QAM	1	0	18.70	18.52	18.67	18.63	18.74	19.20
5	256QAM	1	12	18.71	18.45	18.52	18.43	18.69	19.20
5	256QAM	1	24	18.61	18.55	18.52	18.46	18.81	19.20
5	256QAM	12	0	18.63	18.46	18.58	18.52	18.81	19.20
5	256QAM	12	7	18.72	18.40	18.60	18.53	18.79	19.20
5	256QAM	12	13	18.28	18.57	18.55	18.56	18.73	19.20
5	256QAM	25	0	18.36	18.45	18.53	18.56	18.80	19.20

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	20.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.92	19.74	19.91	19.83	19.97	20.00
20	QPSK	1	49	19.91	19.70	19.81	19.72	19.90	20.00
20	QPSK	1	99	19.87	19.77	19.81	19.76	19.96	20.00
20	QPSK	50	0	19.90	19.73	19.83	19.77	19.97	20.00
20	QPSK	50	24	19.88	19.65	19.75	19.69	19.96	20.00
20	QPSK	50	50	19.88	19.71	19.76	19.71	19.96	20.00
20	QPSK	100	0	19.93	19.68	19.77	19.70	19.97	20.00
20	16QAM	1	0	19.99	19.96	19.73	19.96	19.97	20.00
20	16QAM	1	49	19.94	19.95	20.00	19.91	19.97	20.00
20	16QAM	1	99	19.90	19.98	19.95	19.89	19.83	20.00
20	16QAM	50	0	19.82	19.81	19.89	19.83	19.84	20.00
20	16QAM	50	24	19.96	19.74	19.83	19.76	19.83	20.00
20	16QAM	50	50	19.94	19.80	19.82	19.76	19.87	20.00
20	16QAM	100	0	19.98	19.76	19.85	19.75	19.84	20.00
20	64QAM	1	0	19.87	19.76	19.90	19.77	19.98	20.00
20	64QAM	1	49	19.98	19.78	19.79	19.73	19.99	20.00
20	64QAM	1	99	19.92	19.81	19.77	19.70	19.88	20.00
20	64QAM	50	0	19.87	19.82	19.90	19.86	19.95	20.00
20	64QAM	50	24	19.85	19.77	19.86	19.80	19.86	20.00
20	64QAM	50	50	19.98	19.80	19.85	19.80	19.88	20.00
20	64QAM	100	0	19.84	19.79	19.88	19.80	19.86	20.00
20	256QAM	1	0	19.43	19.88	19.81	19.93	19.81	20.00
20	256QAM	1	49	19.81	19.80	19.92	19.82	19.88	20.00
20	256QAM	1	99	19.99	19.90	19.90	19.86	19.97	20.00
20	256QAM	50	0	19.45	19.86	19.96	19.92	19.92	20.00
20	256QAM	50	24	19.85	19.81	19.93	19.85	19.92	20.00
20	256QAM	50	50	19.41	19.86	19.90	19.85	19.93	20.00
20	256QAM	100	0	19.40	19.79	19.88	19.81	19.89	20.00
Channel				39725	40173	40620	41068	41515	20.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.82	19.70	19.82	19.74	19.95	20.00
15	QPSK	1	37	19.79	19.63	19.75	19.61	19.83	20.00
15	QPSK	1	74	19.80	19.68	19.73	19.66	19.83	20.00
15	QPSK	36	0	19.84	19.58	19.81	19.67	19.89	20.00
15	QPSK	36	20	19.86	19.58	19.69	19.65	19.89	20.00
15	QPSK	36	39	19.87	19.61	19.68	19.61	19.94	20.00
15	QPSK	75	0	19.83	19.65	19.76	19.61	19.85	20.00
15	16QAM	1	0	19.87	19.89	19.71	19.86	19.84	20.00
15	16QAM	1	37	19.89	19.81	19.92	19.86	19.82	20.00
15	16QAM	1	74	19.85	19.90	19.85	19.88	19.79	20.00
15	16QAM	36	0	19.69	19.79	19.88	19.80	19.81	20.00
15	16QAM	36	20	19.81	19.63	19.73	19.69	19.78	20.00
15	16QAM	36	39	19.91	19.71	19.76	19.74	19.74	20.00
15	16QAM	75	0	19.95	19.72	19.75	19.73	19.69	20.00
15	64QAM	1	0	19.80	19.66	19.77	19.72	19.97	20.00
15	64QAM	1	37	19.86	19.72	19.76	19.64	19.88	20.00
15	64QAM	1	74	19.81	19.74	19.73	19.56	19.77	20.00
15	64QAM	36	0	19.83	19.81	19.84	19.72	19.81	20.00
15	64QAM	36	20	19.72	19.71	19.72	19.74	19.84	20.00
15	64QAM	36	39	19.86	19.66	19.71	19.67	19.86	20.00
15	64QAM	75	0	19.73	19.78	19.77	19.75	19.76	20.00
15	256QAM	1	0	19.42	19.77	19.68	19.81	19.68	20.00
15	256QAM	1	37	19.76	19.72	19.88	19.69	19.79	20.00
15	256QAM	1	74	19.91	19.85	19.77	19.74	19.89	20.00
15	256QAM	36	0	19.42	19.85	19.84	19.80	19.90	20.00
15	256QAM	36	20	19.76	19.69	19.90	19.77	19.84	20.00
15	256QAM	36	39	19.41	19.84	19.78	19.81	19.86	20.00
15	256QAM	75	0	19.40	19.64	19.80	19.73	19.77	20.00
Channel				39700	40160	40620	41080	41540	20.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.85	19.61	19.78	19.79	19.94	20.00
10	QPSK	1	25	19.88	19.58	19.79	19.64	19.80	20.00
10	QPSK	1	49	19.78	19.67	19.72	19.64	19.86	20.00
10	QPSK	25	0	19.82	19.64	19.72	19.69	19.87	20.00
10	QPSK	25	12	19.87	19.54	19.74	19.66	19.81	20.00
10	QPSK	25	25	19.81	19.64	19.72	19.62	19.89	20.00
10	QPSK	50	0	19.82	19.63	19.70	19.62	19.93	20.00
10	16QAM	1	0	19.95	19.91	19.67	19.92	19.90	20.00



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10	16QAM	1	25	19.93	19.94	19.88	19.86	19.89	20.00
10	16QAM	1	49	19.86	19.86	19.90	19.76	19.75	20.00
10	16QAM	25	0	19.68	19.73	19.81	19.80	19.74	20.00
10	16QAM	25	12	19.92	19.61	19.71	19.66	19.80	20.00
10	16QAM	25	25	19.82	19.70	19.80	19.64	19.73	20.00
10	16QAM	50	0	19.89	19.65	19.71	19.64	19.78	20.00
10	64QAM	1	0	19.73	19.70	19.81	19.64	19.94	20.00
10	64QAM	1	25	19.93	19.73	19.67	19.70	19.88	20.00
10	64QAM	1	49	19.89	19.67	19.66	19.64	19.87	20.00
10	64QAM	25	0	19.82	19.79	19.79	19.84	19.84	20.00
10	64QAM	25	12	19.84	19.64	19.73	19.69	19.77	20.00
10	64QAM	25	25	19.86	19.68	19.76	19.72	19.80	20.00
10	64QAM	50	0	19.75	19.66	19.79	19.79	19.80	20.00
10	256QAM	1	0	19.40	19.81	19.72	19.86	19.71	20.00
10	256QAM	1	25	19.79	19.67	19.87	19.79	19.76	20.00
10	256QAM	1	49	19.91	19.81	19.75	19.74	19.83	20.00
10	256QAM	25	0	19.40	19.84	19.92	19.78	19.84	20.00
10	256QAM	25	12	19.78	19.77	19.79	19.83	19.81	20.00
10	256QAM	25	25	19.40	19.79	19.78	19.82	19.79	20.00
10	256QAM	50	0	19.40	19.72	19.83	19.80	19.86	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.79	19.63	19.84	19.82	19.95	20.00
5	QPSK	1	12	19.80	19.67	19.75	19.69	19.75	20.00
5	QPSK	1	24	19.73	19.63	19.76	19.74	19.92	20.00
5	QPSK	12	0	19.77	19.66	19.82	19.69	19.93	20.00
5	QPSK	12	7	19.80	19.54	19.68	19.68	19.89	20.00
5	QPSK	12	13	19.86	19.57	19.66	19.62	19.83	20.00
5	QPSK	25	0	19.84	19.65	19.72	19.68	19.94	20.00
5	16QAM	1	0	19.95	19.85	19.62	19.94	19.94	20.00
5	16QAM	1	12	19.82	19.91	19.98	19.84	19.85	20.00
5	16QAM	1	24	19.82	19.86	19.94	19.87	19.70	20.00
5	16QAM	12	0	19.67	19.79	19.81	19.69	19.76	20.00
5	16QAM	12	7	19.86	19.60	19.81	19.72	19.72	20.00
5	16QAM	12	13	19.88	19.78	19.68	19.74	19.74	20.00
5	16QAM	25	0	19.87	19.74	19.80	19.72	19.79	20.00
5	64QAM	1	0	19.80	19.74	19.87	19.64	19.95	20.00
5	64QAM	1	12	19.96	19.64	19.64	19.63	19.87	20.00
5	64QAM	1	24	19.87	19.77	19.76	19.64	19.85	20.00
5	64QAM	12	0	19.79	19.77	19.75	19.80	19.81	20.00
5	64QAM	12	7	19.82	19.66	19.82	19.76	19.74	20.00
5	64QAM	12	13	19.84	19.66	19.81	19.65	19.87	20.00
5	64QAM	25	0	19.81	19.74	19.85	19.70	19.75	20.00
5	256QAM	1	0	19.42	19.78	19.73	19.85	19.78	20.00
5	256QAM	1	12	19.71	19.70	19.77	19.75	19.77	20.00
5	256QAM	1	24	19.90	19.86	19.83	19.84	19.83	20.00
5	256QAM	12	0	19.42	19.72	19.86	19.91	19.81	20.00
5	256QAM	12	7	19.81	19.78	19.86	19.79	19.80	20.00
5	256QAM	12	13	19.41	19.73	19.84	19.79	19.88	20.00
5	256QAM	25	0	19.41	19.73	19.83	19.79	19.84	20.00

【LTE Band 41 FCC (2496~2690MHz) HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.25	20.94	21.27	21.08	21.16	21.50
20	QPSK	1	49	21.02	20.60	21.07	20.87	20.82	21.50
20	QPSK	1	99	20.91	20.65	20.99	20.76	20.85	21.50
20	QPSK	50	0	21.02	20.77	21.12	20.91	20.96	21.50
20	QPSK	50	24	21.02	20.66	21.10	20.77	20.95	21.50
20	QPSK	50	50	20.94	20.59	21.06	20.73	20.84	21.50
20	QPSK	100	0	20.94	20.63	21.08	20.88	20.89	21.50
20	16QAM	1	0	21.25	20.92	21.50	21.07	21.16	21.50
20	16QAM	1	49	21.21	20.82	21.29	20.97	21.10	21.50
20	16QAM	1	99	21.25	20.87	21.32	21.04	21.08	21.50
20	16QAM	50	0	21.06	20.87	21.21	20.88	21.08	21.50
20	16QAM	50	24	21.05	20.77	21.15	20.83	21.03	21.50
20	16QAM	50	50	21.09	20.79	21.13	20.85	21.00	21.50
20	16QAM	100	0	21.02	20.78	21.16	20.91	21.01	21.50
20	64QAM	1	0	21.15	20.81	21.26	21.05	21.02	21.50
20	64QAM	1	49	21.10	20.80	21.14	20.90	20.98	21.50
20	64QAM	1	99	21.03	20.80	21.19	20.94	20.97	21.50
20	64QAM	50	0	21.15	20.84	21.24	20.94	21.10	21.50
20	64QAM	50	24	21.11	20.84	21.19	20.97	20.99	21.50
20	64QAM	50	50	21.15	20.77	21.19	20.85	21.00	21.50
20	64QAM	100	0	21.19	20.82	21.26	21.03	21.12	21.50
20	256QAM	1	0	20.86	20.65	21.02	20.77	20.83	21.50
20	256QAM	1	49	20.67	20.36	20.79	20.46	20.57	21.50
20	256QAM	1	99	20.80	20.47	20.92	20.65	20.67	21.50
20	256QAM	50	0	20.81	20.51	20.92	20.68	20.71	21.50
20	256QAM	50	24	20.70	20.38	20.85	20.52	20.64	21.50
20	256QAM	50	50	20.69	20.36	20.83	20.51	20.70	21.50
20	256QAM	100	0	20.76	20.43	20.83	20.51	20.64	21.50
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.23	20.85	21.18	20.96	21.06	21.50
15	QPSK	1	37	20.95	20.50	21.04	20.81	20.79	21.50
15	QPSK	1	74	20.87	20.51	20.89	20.75	20.76	21.50
15	QPSK	36	0	20.96	20.69	21.09	20.77	20.81	21.50
15	QPSK	36	20	20.99	20.54	20.95	20.68	20.81	21.50
15	QPSK	36	39	20.82	20.53	20.98	20.65	20.83	21.50
15	QPSK	75	0	20.93	20.51	20.96	20.85	20.79	21.50
15	16QAM	1	0	21.16	20.83	21.27	20.97	21.03	21.50
15	16QAM	1	37	21.11	20.70	21.16	20.82	20.95	21.50
15	16QAM	1	74	21.18	20.83	21.18	21.00	20.97	21.50
15	16QAM	36	0	20.98	20.85	21.07	20.77	21.05	21.50
15	16QAM	36	20	21.02	20.70	21.03	20.74	20.93	21.50
15	16QAM	36	39	21.07	20.65	21.03	20.81	20.94	21.50
15	16QAM	75	0	20.93	20.69	21.08	20.88	20.88	21.50
15	64QAM	1	0	21.03	20.78	21.15	20.99	20.94	21.50
15	64QAM	1	37	20.95	20.72	21.08	20.80	20.84	21.50
15	64QAM	1	74	20.91	20.75	21.16	20.84	20.89	21.50
15	64QAM	36	0	21.01	20.76	21.16	20.84	21.06	21.50
15	64QAM	36	20	21.05	20.77	21.17	20.96	20.89	21.50
15	64QAM	36	39	21.02	20.69	21.13	20.75	20.92	21.50
15	64QAM	75	0	21.13	20.69	21.12	20.96	21.06	21.50
15	256QAM	1	0	20.72	20.58	20.88	20.67	20.77	21.50
15	256QAM	1	37	20.64	20.32	20.72	20.36	20.55	21.50
15	256QAM	1	74	20.70	20.40	20.89	20.59	20.58	21.50
15	256QAM	36	0	20.70	20.48	20.79	20.60	20.68	21.50
15	256QAM	36	20	20.62	20.31	20.83	20.37	20.59	21.50
15	256QAM	36	39	20.55	20.24	20.78	20.46	20.56	21.50
15	256QAM	75	0	20.63	20.28	20.77	20.41	20.50	21.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.17	20.82	21.13	20.97	21.10	21.50
10	QPSK	1	25	20.89	20.50	20.97	20.82	20.79	21.50
10	QPSK	1	49	20.86	20.51	20.88	20.72	20.79	21.50
10	QPSK	25	0	21.01	20.68	21.01	20.85	20.84	21.50
10	QPSK	25	12	20.88	20.56	21.02	20.67	20.87	21.50
10	QPSK	25	25	20.87	20.52	20.96	20.62	20.78	21.50
10	QPSK	50	0	20.88	20.56	21.07	20.79	20.85	21.50
10	16QAM	1	0	21.16	20.84	21.25	21.05	21.11	21.50



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10	16QAM	1	25	21.11	20.78	21.27	20.94	21.07	21.50
10	16QAM	1	49	21.16	20.85	21.22	21.01	21.02	21.50
10	16QAM	25	0	20.95	20.73	21.13	20.73	21.03	21.50
10	16QAM	25	12	20.95	20.67	21.02	20.75	20.99	21.50
10	16QAM	25	25	21.05	20.69	21.00	20.73	20.98	21.50
10	16QAM	50	0	20.88	20.70	21.13	20.83	20.94	21.50
10	64QAM	1	0	21.01	20.71	21.18	20.99	20.91	21.50
10	64QAM	1	25	21.06	20.77	20.99	20.84	20.84	21.50
10	64QAM	1	49	20.96	20.77	21.08	20.92	20.95	21.50
10	64QAM	25	0	21.00	20.82	21.21	20.86	20.97	21.50
10	64QAM	25	12	21.04	20.76	21.17	20.87	20.87	21.50
10	64QAM	25	25	21.09	20.70	21.11	20.73	20.95	21.50
10	64QAM	50	0	21.06	20.70	21.21	20.91	21.03	21.50
10	256QAM	1	0	20.78	20.52	20.98	20.74	20.72	21.50
10	256QAM	1	25	20.61	20.28	20.74	20.38	20.49	21.50
10	256QAM	1	49	20.68	20.46	20.81	20.51	20.62	21.50
10	256QAM	25	0	20.73	20.47	20.86	20.58	20.59	21.50
10	256QAM	25	12	20.57	20.24	20.81	20.44	20.50	21.50
10	256QAM	25	25	20.61	20.25	20.69	20.47	20.67	21.50
10	256QAM	50	0	20.74	20.32	20.69	20.45	20.62	21.50
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.23	20.81	21.15	21.00	21.07	21.50
5	QPSK	1	12	20.99	20.52	21.04	20.76	20.73	21.50
5	QPSK	1	24	20.87	20.63	20.87	20.73	20.74	21.50
5	QPSK	12	0	20.89	20.62	20.99	20.89	20.95	21.50
5	QPSK	12	7	20.98	20.61	21.08	20.74	20.86	21.50
5	QPSK	12	13	20.82	20.48	20.96	20.62	20.81	21.50
5	QPSK	25	0	20.86	20.58	21.07	20.84	20.84	21.50
5	16QAM	1	0	21.17	20.80	21.25	20.94	21.02	21.50
5	16QAM	1	12	21.20	20.78	21.20	20.89	20.95	21.50
5	16QAM	1	24	21.20	20.79	21.27	20.89	20.94	21.50
5	16QAM	12	0	20.95	20.83	21.16	20.86	21.00	21.50
5	16QAM	12	7	21.04	20.74	21.09	20.77	20.94	21.50
5	16QAM	12	13	21.05	20.68	21.11	20.71	20.87	21.50
5	16QAM	25	0	20.94	20.71	21.08	20.86	20.95	21.50
5	64QAM	1	0	21.14	20.76	21.15	20.93	20.88	21.50
5	64QAM	1	12	20.98	20.77	21.02	20.78	20.91	21.50
5	64QAM	1	24	20.99	20.76	21.18	20.92	20.82	21.50
5	64QAM	12	0	21.14	20.73	21.11	20.80	21.04	21.50
5	64QAM	12	7	21.07	20.74	21.15	20.93	20.89	21.50
5	64QAM	12	13	21.04	20.75	21.15	20.73	20.95	21.50
5	64QAM	25	0	21.08	20.74	21.15	20.91	21.04	21.50
5	256QAM	1	0	20.76	20.58	20.94	20.66	20.72	21.50
5	256QAM	1	12	20.66	20.24	20.72	20.39	20.52	21.50
5	256QAM	1	24	20.69	20.44	20.87	20.54	20.58	21.50
5	256QAM	12	0	20.68	20.49	20.83	20.56	20.70	21.50
5	256QAM	12	7	20.58	20.34	20.75	20.38	20.50	21.50
5	256QAM	12	13	20.66	20.27	20.70	20.39	20.65	21.50
5	256QAM	25	0	20.73	20.31	20.70	20.49	20.54	21.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	20.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.92	19.74	19.91	19.83	19.97	20.00
20	QPSK	1	49	19.91	19.70	19.81	19.72	19.90	20.00
20	QPSK	1	99	19.87	19.77	19.81	19.76	19.96	20.00
20	QPSK	50	0	19.90	19.73	19.83	19.77	19.97	20.00
20	QPSK	50	24	19.88	19.65	19.75	19.69	19.96	20.00
20	QPSK	50	50	19.88	19.71	19.76	19.71	19.96	20.00
20	QPSK	100	0	19.93	19.68	19.77	19.70	19.97	20.00
20	16QAM	1	0	19.99	19.96	19.73	19.96	19.97	20.00
20	16QAM	1	49	19.94	19.95	20.00	19.91	19.97	20.00
20	16QAM	1	99	19.90	19.98	19.95	19.89	19.83	20.00
20	16QAM	50	0	19.82	19.81	19.89	19.83	19.84	20.00
20	16QAM	50	24	19.96	19.74	19.83	19.76	19.83	20.00
20	16QAM	50	50	19.94	19.80	19.82	19.76	19.87	20.00
20	16QAM	100	0	19.98	19.76	19.85	19.75	19.84	20.00
20	64QAM	1	0	19.87	19.76	19.90	19.77	19.98	20.00
20	64QAM	1	49	19.98	19.78	19.79	19.73	19.99	20.00
20	64QAM	1	99	19.92	19.81	19.77	19.70	19.88	20.00
20	64QAM	50	0	19.87	19.82	19.90	19.86	19.95	20.00
20	64QAM	50	24	19.85	19.77	19.86	19.80	19.86	20.00
20	64QAM	50	50	19.98	19.80	19.85	19.80	19.88	20.00
20	64QAM	100	0	19.84	19.79	19.88	19.80	19.86	20.00
20	256QAM	1	0	19.43	19.88	19.81	19.93	19.81	20.00
20	256QAM	1	49	19.81	19.80	19.92	19.82	19.88	20.00
20	256QAM	1	99	19.99	19.90	19.90	19.86	19.97	20.00
20	256QAM	50	0	19.45	19.86	19.96	19.92	19.92	20.00
20	256QAM	50	24	19.85	19.81	19.93	19.85	19.92	20.00
20	256QAM	50	50	19.41	19.86	19.90	19.85	19.93	20.00
20	256QAM	100	0	19.40	19.79	19.88	19.81	19.89	20.00
Channel				39725	40173	40620	41068	41515	20.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.82	19.70	19.82	19.74	19.95	20.00
15	QPSK	1	37	19.79	19.63	19.75	19.61	19.83	20.00
15	QPSK	1	74	19.80	19.68	19.73	19.66	19.83	20.00
15	QPSK	36	0	19.84	19.58	19.81	19.67	19.89	20.00
15	QPSK	36	20	19.86	19.58	19.69	19.65	19.89	20.00
15	QPSK	36	39	19.87	19.61	19.68	19.61	19.94	20.00
15	QPSK	75	0	19.83	19.65	19.76	19.61	19.85	20.00
15	16QAM	1	0	19.87	19.89	19.71	19.86	19.84	20.00
15	16QAM	1	37	19.89	19.81	19.92	19.86	19.82	20.00
15	16QAM	1	74	19.85	19.90	19.85	19.88	19.79	20.00
15	16QAM	36	0	19.69	19.79	19.88	19.80	19.81	20.00
15	16QAM	36	20	19.81	19.63	19.73	19.69	19.78	20.00
15	16QAM	36	39	19.91	19.71	19.76	19.74	19.74	20.00
15	16QAM	75	0	19.95	19.72	19.75	19.73	19.69	20.00
15	64QAM	1	0	19.80	19.66	19.77	19.72	19.97	20.00
15	64QAM	1	37	19.86	19.72	19.76	19.64	19.88	20.00
15	64QAM	1	74	19.81	19.74	19.73	19.56	19.77	20.00
15	64QAM	36	0	19.83	19.81	19.84	19.72	19.81	20.00
15	64QAM	36	20	19.72	19.71	19.72	19.74	19.84	20.00
15	64QAM	36	39	19.86	19.66	19.71	19.67	19.86	20.00
15	64QAM	75	0	19.73	19.78	19.77	19.75	19.76	20.00
15	256QAM	1	0	19.42	19.77	19.68	19.81	19.68	20.00
15	256QAM	1	37	19.76	19.72	19.88	19.69	19.79	20.00
15	256QAM	1	74	19.91	19.85	19.77	19.74	19.89	20.00
15	256QAM	36	0	19.42	19.85	19.84	19.80	19.90	20.00
15	256QAM	36	20	19.76	19.69	19.90	19.77	19.84	20.00
15	256QAM	36	39	19.41	19.84	19.78	19.81	19.86	20.00
15	256QAM	75	0	19.40	19.64	19.80	19.73	19.77	20.00
Channel				39700	40160	40620	41080	41540	20.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.85	19.61	19.78	19.79	19.94	20.00
10	QPSK	1	25	19.88	19.58	19.79	19.64	19.80	20.00
10	QPSK	1	49	19.78	19.67	19.72	19.64	19.86	20.00
10	QPSK	25	0	19.82	19.64	19.72	19.69	19.87	20.00
10	QPSK	25	12	19.87	19.54	19.74	19.66	19.81	20.00
10	QPSK	25	25	19.81	19.64	19.72	19.62	19.89	20.00
10	QPSK	50	0	19.82	19.63	19.70	19.62	19.93	20.00
10	16QAM	1	0	19.95	19.91	19.67	19.92	19.90	20.00



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10	16QAM	1	25	19.93	19.94	19.88	19.86	19.89	20.00
10	16QAM	1	49	19.86	19.86	19.90	19.76	19.75	20.00
10	16QAM	25	0	19.68	19.73	19.81	19.80	19.74	20.00
10	16QAM	25	12	19.92	19.61	19.71	19.66	19.80	20.00
10	16QAM	25	25	19.82	19.70	19.80	19.64	19.73	20.00
10	16QAM	50	0	19.89	19.65	19.71	19.64	19.78	20.00
10	64QAM	1	0	19.73	19.70	19.81	19.64	19.94	20.00
10	64QAM	1	25	19.93	19.73	19.67	19.70	19.88	20.00
10	64QAM	1	49	19.89	19.67	19.66	19.64	19.87	20.00
10	64QAM	25	0	19.82	19.79	19.79	19.84	19.84	20.00
10	64QAM	25	12	19.84	19.64	19.73	19.69	19.77	20.00
10	64QAM	25	25	19.86	19.68	19.76	19.72	19.80	20.00
10	64QAM	50	0	19.75	19.66	19.79	19.79	19.80	20.00
10	256QAM	1	0	19.40	19.81	19.72	19.86	19.71	20.00
10	256QAM	1	25	19.79	19.67	19.87	19.79	19.76	20.00
10	256QAM	1	49	19.91	19.81	19.75	19.74	19.83	20.00
10	256QAM	25	0	19.40	19.84	19.92	19.78	19.84	20.00
10	256QAM	25	12	19.78	19.77	19.79	19.83	19.81	20.00
10	256QAM	25	25	19.40	19.79	19.78	19.82	19.79	20.00
10	256QAM	50	0	19.40	19.72	19.83	19.80	19.86	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.79	19.63	19.84	19.82	19.95	20.00
5	QPSK	1	12	19.80	19.67	19.75	19.69	19.75	20.00
5	QPSK	1	24	19.73	19.63	19.76	19.74	19.92	20.00
5	QPSK	12	0	19.77	19.66	19.82	19.69	19.93	20.00
5	QPSK	12	7	19.80	19.54	19.68	19.68	19.89	20.00
5	QPSK	12	13	19.86	19.57	19.66	19.62	19.83	20.00
5	QPSK	25	0	19.84	19.65	19.72	19.68	19.94	20.00
5	16QAM	1	0	19.95	19.85	19.62	19.94	19.94	20.00
5	16QAM	1	12	19.82	19.91	19.98	19.84	19.85	20.00
5	16QAM	1	24	19.82	19.86	19.94	19.87	19.70	20.00
5	16QAM	12	0	19.67	19.79	19.81	19.69	19.76	20.00
5	16QAM	12	7	19.86	19.60	19.81	19.72	19.72	20.00
5	16QAM	12	13	19.88	19.78	19.68	19.74	19.74	20.00
5	16QAM	25	0	19.87	19.74	19.80	19.72	19.79	20.00
5	64QAM	1	0	19.80	19.74	19.87	19.64	19.95	20.00
5	64QAM	1	12	19.96	19.64	19.64	19.63	19.87	20.00
5	64QAM	1	24	19.87	19.77	19.76	19.64	19.85	20.00
5	64QAM	12	0	19.79	19.77	19.75	19.80	19.81	20.00
5	64QAM	12	7	19.82	19.66	19.82	19.76	19.74	20.00
5	64QAM	12	13	19.84	19.66	19.81	19.65	19.87	20.00
5	64QAM	25	0	19.81	19.74	19.85	19.70	19.75	20.00
5	256QAM	1	0	19.42	19.78	19.73	19.85	19.78	20.00
5	256QAM	1	12	19.71	19.70	19.77	19.75	19.77	20.00
5	256QAM	1	24	19.90	19.86	19.83	19.84	19.83	20.00
5	256QAM	12	0	19.42	19.72	19.86	19.91	19.81	20.00
5	256QAM	12	7	19.81	19.78	19.86	19.79	19.80	20.00
5	256QAM	12	13	19.41	19.73	19.84	19.79	19.88	20.00
5	256QAM	25	0	19.41	19.73	19.83	19.79	19.84	20.00

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 1 ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	19.00	19.04	19.00	18.98	19.00	20.00
20	QPSK	1	49	18.92	19.02	19.01	18.92	18.99	20.00
20	QPSK	1	99	19.02	19.16	19.02	18.99	19.15	20.00
20	QPSK	50	0	18.93	18.97	18.96	18.95	18.94	20.00
20	QPSK	50	24	18.87	18.93	18.94	18.87	18.95	20.00
20	QPSK	50	50	18.97	19.03	18.99	18.90	19.02	20.00
20	QPSK	100	0	18.95	18.98	18.96	18.88	18.98	20.00
20	16QAM	1	0	19.05	19.06	19.03	19.06	19.08	20.00
20	16QAM	1	49	18.95	18.98	19.02	18.88	19.05	20.00
20	16QAM	1	99	19.06	19.17	19.07	19.00	19.17	20.00
20	16QAM	50	0	18.97	19.00	19.01	18.96	18.98	20.00
20	16QAM	50	24	18.92	18.97	18.99	18.90	18.99	20.00
20	16QAM	50	50	18.99	19.07	19.04	18.93	19.07	20.00
20	16QAM	100	0	18.99	19.04	19.04	18.93	19.03	20.00
20	64QAM	1	0	18.86	18.85	18.85	18.87	18.85	20.00
20	64QAM	1	49	18.88	18.85	18.86	18.86	18.87	20.00
20	64QAM	1	99	18.86	18.80	18.88	18.84	18.80	20.00
20	64QAM	50	0	18.99	19.02	19.03	18.97	18.99	20.00
20	64QAM	50	24	18.96	19.00	19.02	18.93	19.02	20.00
20	64QAM	50	50	19.03	19.09	19.05	18.97	19.08	20.00
20	64QAM	100	0	19.04	19.07	19.06	18.97	19.06	20.00
20	256QAM	1	0	18.90	18.88	18.87	18.92	18.90	20.00
20	256QAM	1	49	18.82	18.87	18.89	18.89	18.90	20.00
20	256QAM	1	99	18.93	19.03	18.90	18.86	19.02	20.00
20	256QAM	50	0	19.09	19.08	19.12	19.07	19.08	20.00
20	256QAM	50	24	19.03	19.08	19.09	19.02	19.09	20.00
20	256QAM	50	50	19.10	19.17	19.14	19.06	19.15	20.00
20	256QAM	100	0	19.05	19.09	19.07	19.01	19.06	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	18.90	18.91	18.98	18.90	18.97	20.00
15	QPSK	1	37	18.82	18.93	18.86	18.88	18.98	20.00
15	QPSK	1	74	18.98	19.02	18.99	18.92	19.13	20.00
15	QPSK	36	0	18.91	18.87	18.94	18.89	18.83	20.00
15	QPSK	36	20	18.81	18.90	18.84	18.86	18.90	20.00
15	QPSK	36	39	18.87	18.93	18.85	18.84	18.87	20.00
15	QPSK	75	0	18.87	18.91	18.94	18.85	18.96	20.00
15	16QAM	1	0	18.94	18.91	18.92	18.97	18.98	20.00
15	16QAM	1	37	18.93	18.90	18.98	18.80	19.01	20.00
15	16QAM	1	74	19.05	19.11	18.93	18.88	19.06	20.00
15	16QAM	36	0	18.90	18.89	18.95	18.85	18.88	20.00
15	16QAM	36	20	18.81	18.85	18.88	18.80	18.94	20.00
15	16QAM	36	39	18.93	19.04	18.97	18.89	19.06	20.00
15	16QAM	75	0	18.92	18.93	19.00	18.85	18.99	20.00
15	64QAM	1	0	18.85	18.80	18.80	18.81	18.81	20.00
15	64QAM	1	37	18.80	18.82	18.81	18.80	18.84	20.00
15	64QAM	1	74	18.81	18.89	18.86	18.81	18.84	20.00
15	64QAM	36	0	18.90	18.98	18.92	18.85	18.89	20.00
15	64QAM	36	20	18.86	18.97	18.96	18.86	18.93	20.00
15	64QAM	36	39	18.98	18.99	18.91	18.94	19.05	20.00
15	64QAM	75	0	19.02	19.02	19.01	18.92	19.01	20.00
15	256QAM	1	0	18.87	18.87	18.86	18.83	18.89	20.00
15	256QAM	1	37	18.81	18.89	18.86	18.83	18.82	20.00
15	256QAM	1	74	18.87	18.91	18.88	18.83	18.90	20.00
15	256QAM	36	0	18.97	18.96	19.09	18.95	19.00	20.00
15	256QAM	36	20	18.99	18.98	19.06	18.89	18.98	20.00
15	256QAM	36	39	18.99	19.06	19.07	19.05	19.09	20.00
15	256QAM	75	0	18.99	19.00	18.94	18.91	19.02	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	18.86	19.03	18.86	18.85	18.86	20.00
10	QPSK	1	25	18.89	18.93	18.87	18.82	18.91	20.00
10	QPSK	1	49	18.91	19.06	18.97	18.96	19.02	20.00
10	QPSK	25	0	18.82	18.93	18.91	18.92	18.91	20.00
10	QPSK	25	12	18.80	18.89	18.82	18.87	18.86	20.00
10	QPSK	25	25	18.84	18.93	18.92	18.80	18.93	20.00

10	QPSK	50	0	18.87	18.87	18.85	18.84	18.88	20.00
10	16QAM	1	0	19.00	18.91	18.96	19.03	18.97	20.00
10	16QAM	1	25	18.93	18.92	18.90	18.85	18.92	20.00
10	16QAM	1	49	19.00	19.09	19.04	18.86	19.02	20.00
10	16QAM	25	0	18.86	18.95	19.00	18.89	18.93	20.00
10	16QAM	25	12	18.88	18.88	18.87	18.88	18.87	20.00
10	16QAM	25	25	18.88	19.02	18.90	18.80	18.92	20.00
10	16QAM	50	0	18.87	18.99	18.99	18.89	18.95	20.00
10	64QAM	1	0	18.80	18.81	18.80	18.85	18.80	20.00
10	64QAM	1	25	18.80	18.81	18.82	18.85	18.81	20.00
10	64QAM	1	49	18.80	18.89	18.82	18.80	18.82	20.00
10	64QAM	25	0	18.94	18.90	18.95	18.83	18.94	20.00
10	64QAM	25	12	18.83	18.96	18.98	18.87	18.93	20.00
10	64QAM	25	25	18.88	19.02	19.02	18.90	19.06	20.00
10	64QAM	50	0	18.93	18.99	18.93	18.93	18.95	20.00
10	256QAM	1	0	18.82	18.88	18.82	18.82	18.80	20.00
10	256QAM	1	25	18.89	18.82	18.83	18.88	18.81	20.00
10	256QAM	1	49	18.82	18.99	18.86	18.88	18.93	20.00
10	256QAM	25	0	19.03	18.93	19.05	18.99	18.95	20.00
10	256QAM	25	12	18.98	19.03	19.02	18.91	19.03	20.00
10	256QAM	25	25	19.07	19.12	19.00	19.02	19.01	20.00
10	256QAM	50	0	19.02	19.04	18.98	18.88	19.02	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	18.97	18.90	18.91	18.89	18.91	20.00
5	QPSK	1	12	18.90	18.99	18.93	18.86	18.98	20.00
5	QPSK	1	24	18.95	19.07	18.89	18.91	19.04	20.00
5	QPSK	12	0	18.89	18.94	18.81	18.89	18.92	20.00
5	QPSK	12	7	18.83	18.88	18.85	18.81	18.86	20.00
5	QPSK	12	13	18.94	18.90	18.86	18.86	18.89	20.00
5	QPSK	25	0	18.93	18.95	18.81	18.86	18.86	20.00
5	16QAM	1	0	19.02	19.00	18.97	18.92	18.99	20.00
5	16QAM	1	12	18.82	18.85	19.00	18.85	19.00	20.00
5	16QAM	1	24	18.97	19.10	18.99	18.94	19.03	20.00
5	16QAM	12	0	18.88	18.93	18.88	18.82	18.93	20.00
5	16QAM	12	7	18.87	18.87	18.94	18.84	18.91	20.00
5	16QAM	12	13	18.86	19.02	19.02	18.89	18.93	20.00
5	16QAM	25	0	18.91	19.00	18.94	18.82	18.95	20.00
5	64QAM	1	0	18.84	18.81	18.81	18.81	18.82	20.00
5	64QAM	1	12	18.80	18.82	18.81	18.84	18.81	20.00
5	64QAM	1	24	18.83	18.88	18.82	18.80	18.80	20.00
5	64QAM	12	0	18.88	18.99	18.94	18.83	18.88	20.00
5	64QAM	12	7	18.83	18.88	18.90	18.91	18.94	20.00
5	64QAM	12	13	18.95	19.05	18.97	18.89	19.05	20.00
5	64QAM	25	0	19.01	18.96	18.98	18.95	18.93	20.00
5	256QAM	1	0	18.87	18.84	18.84	18.87	18.82	20.00
5	256QAM	1	12	18.81	18.89	18.80	18.84	18.89	20.00
5	256QAM	1	24	18.91	19.00	18.88	18.88	18.91	20.00
5	256QAM	12	0	18.98	18.93	19.20	19.02	18.97	20.00
5	256QAM	12	7	18.97	18.95	18.96	19.00	18.95	20.00
5	256QAM	12	13	19.06	19.16	19.09	19.01	19.03	20.00
5	256QAM	25	0	18.96	19.04	18.94	18.91	18.99	20.00

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 1 ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.08	18.05	18.04	18.07	18.09	18.90
20	QPSK	1	49	17.93	18.07	18.08	17.93	18.00	18.90
20	QPSK	1	99	18.07	18.26	18.12	18.05	18.21	18.90
20	QPSK	50	0	18.01	18.07	18.06	18.02	18.01	18.90
20	QPSK	50	24	17.95	18.01	18.01	17.88	18.03	18.90
20	QPSK	50	50	17.98	18.09	18.06	18.00	18.03	18.90
20	QPSK	100	0	18.02	18.03	17.96	17.88	18.01	18.90
20	16QAM	1	0	18.05	18.09	18.11	18.14	18.16	18.90
20	16QAM	1	49	18.02	17.98	18.08	17.91	18.12	18.90
20	16QAM	1	99	18.09	18.25	18.15	18.04	18.17	18.90
20	16QAM	50	0	18.01	18.08	18.02	18.01	18.05	18.90
20	16QAM	50	24	17.97	17.99	18.05	17.93	18.03	18.90
20	16QAM	50	50	18.04	18.14	18.08	17.99	18.11	18.90
20	16QAM	100	0	18.04	18.14	18.09	17.98	18.07	18.90
20	64QAM	1	0	17.89	17.85	17.89	17.92	17.93	18.90
20	64QAM	1	49	17.98	17.88	17.95	17.95	17.93	18.90
20	64QAM	1	99	17.91	17.83	17.90	17.90	17.81	18.90
20	64QAM	50	0	18.03	18.07	18.09	18.03	18.08	18.90
20	64QAM	50	24	18.00	18.10	18.10	17.96	18.09	18.90
20	64QAM	50	50	18.09	18.18	18.07	18.03	18.10	18.90
20	64QAM	100	0	18.12	18.17	18.13	18.04	18.06	18.90
20	256QAM	1	0	17.90	17.94	17.97	17.97	17.93	18.90
20	256QAM	1	49	17.90	17.89	17.90	17.99	17.91	18.90
20	256QAM	1	99	17.99	18.05	17.90	17.91	18.06	18.90
20	256QAM	50	0	18.13	18.13	18.21	18.12	18.17	18.90
20	256QAM	50	24	18.11	18.10	18.18	18.08	18.12	18.90
20	256QAM	50	50	18.20	18.20	18.17	18.09	18.23	18.90
20	256QAM	100	0	18.15	18.10	18.08	18.08	18.10	18.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.99	17.99	17.95	18.01	18.04	18.90
15	QPSK	1	37	17.92	17.92	18.01	17.80	17.92	18.90
15	QPSK	1	74	18.04	18.04	18.02	17.98	18.09	18.90
15	QPSK	36	0	17.88	18.05	18.01	17.93	17.95	18.90
15	QPSK	36	20	17.85	17.88	17.99	17.82	17.89	18.90
15	QPSK	36	39	17.85	17.97	18.04	17.88	17.96	18.90
15	QPSK	75	0	17.93	17.90	17.89	17.86	17.93	18.90
15	16QAM	1	0	17.99	18.02	17.96	18.01	18.06	18.90
15	16QAM	1	37	17.99	17.91	18.03	17.77	18.01	18.90
15	16QAM	1	74	17.99	18.04	18.04	17.95	18.02	18.90
15	16QAM	36	0	17.91	17.98	17.99	17.89	17.94	18.90
15	16QAM	36	20	17.83	17.92	17.92	17.84	17.98	18.90
15	16QAM	36	39	17.97	18.04	18.01	17.87	18.09	18.90
15	16QAM	75	0	17.90	18.05	17.94	17.90	18.03	18.90
15	64QAM	1	0	17.77	17.83	17.79	17.91	17.86	18.90
15	64QAM	1	37	17.93	17.76	17.83	17.89	17.86	18.90
15	64QAM	1	74	17.77	17.71	17.79	17.88	17.78	18.90
15	64QAM	36	0	17.93	17.93	18.03	17.95	17.96	18.90
15	64QAM	36	20	17.92	18.01	18.03	17.91	18.05	18.90
15	64QAM	36	39	18.06	18.04	17.98	17.96	18.01	18.90
15	64QAM	75	0	17.98	18.05	18.03	17.99	17.94	18.90
15	256QAM	1	0	17.75	17.80	17.90	17.91	17.81	18.90
15	256QAM	1	37	17.81	17.81	17.75	17.91	17.82	18.90
15	256QAM	1	74	17.96	18.03	17.85	17.79	17.94	18.90
15	256QAM	36	0	18.06	18.00	18.04	17.98	18.09	18.90
15	256QAM	36	20	18.03	18.03	18.03	17.99	18.06	18.90
15	256QAM	36	39	18.08	18.04	18.04	18.04	18.09	18.90
15	256QAM	75	0	18.08	18.00	18.01	17.97	18.00	18.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.93	17.97	17.94	18.06	18.03	18.90
10	QPSK	1	25	17.85	17.99	17.94	17.80	17.90	18.90
10	QPSK	1	49	17.96	18.04	18.04	17.98	18.07	18.90
10	QPSK	25	0	17.92	17.94	17.99	17.99	17.95	18.90
10	QPSK	25	12	17.94	17.95	17.88	17.82	17.96	18.90
10	QPSK	25	25	17.95	18.01	17.92	17.95	18.00	18.90
10	QPSK	50	0	17.93	17.91	17.83	17.75	17.90	18.90
10	16QAM	1	0	17.92	18.03	18.03	18.06	18.03	18.90



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10	16QAM	1	25	17.95	17.91	17.93	17.78	18.05	18.90
10	16QAM	1	49	17.98	18.04	18.04	18.01	18.08	18.90
10	16QAM	25	0	17.88	18.03	17.91	17.92	18.03	18.90
10	16QAM	25	12	17.87	17.95	17.95	17.89	18.00	18.90
10	16QAM	25	25	17.99	18.05	17.98	17.91	18.06	18.90
10	16QAM	50	0	17.95	18.00	18.04	17.86	18.05	18.90
10	64QAM	1	0	17.79	17.71	17.78	17.85	17.90	18.90
10	64QAM	1	25	17.87	17.75	17.87	17.86	17.86	18.90
10	64QAM	1	49	17.77	17.70	17.84	17.83	17.72	18.90
10	64QAM	25	0	18.01	17.99	17.97	17.92	17.97	18.90
10	64QAM	25	12	17.88	17.98	17.96	17.82	18.07	18.90
10	64QAM	25	25	17.99	18.04	18.00	17.93	17.96	18.90
10	64QAM	50	0	18.01	18.05	18.04	17.93	18.03	18.90
10	256QAM	1	0	17.79	17.89	17.93	17.84	17.79	18.90
10	256QAM	1	25	17.81	17.87	17.86	17.91	17.79	18.90
10	256QAM	1	49	17.95	17.99	17.82	17.90	18.02	18.90
10	256QAM	25	0	17.99	18.04	18.04	17.99	18.03	18.90
10	256QAM	25	12	18.05	18.05	18.04	18.00	18.02	18.90
10	256QAM	25	25	18.06	18.04	18.04	17.95	18.09	18.90
10	256QAM	50	0	18.03	17.98	18.03	18.02	18.05	18.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.98	17.93	18.00	17.97	18.05	18.90
5	QPSK	1	12	17.84	18.03	18.03	17.87	17.97	18.90
5	QPSK	1	24	17.93	18.05	17.98	17.97	18.06	18.90
5	QPSK	12	0	17.92	18.00	18.03	17.91	17.94	18.90
5	QPSK	12	7	17.81	17.93	17.87	17.76	17.97	18.90
5	QPSK	12	13	17.90	17.98	17.97	17.92	17.93	18.90
5	QPSK	25	0	17.89	17.93	17.88	17.87	17.99	18.90
5	16QAM	1	0	18.03	18.05	18.01	18.07	18.08	18.90
5	16QAM	1	12	17.99	17.96	18.01	17.76	18.09	18.90
5	16QAM	1	24	18.07	18.04	18.02	17.92	18.09	18.90
5	16QAM	12	0	17.93	17.95	17.94	17.90	18.01	18.90
5	16QAM	12	7	17.86	17.89	17.98	17.80	17.96	18.90
5	16QAM	12	13	17.91	18.03	17.94	17.98	17.99	18.90
5	16QAM	25	0	17.96	18.00	17.99	17.86	17.99	18.90
5	64QAM	1	0	17.77	17.78	17.83	17.88	17.86	18.90
5	64QAM	1	12	17.88	17.77	17.80	17.84	17.85	18.90
5	64QAM	1	24	17.77	17.74	17.75	17.87	17.78	18.90
5	64QAM	12	0	18.01	18.03	17.96	17.99	18.02	18.90
5	64QAM	12	7	17.86	18.02	17.97	17.81	17.95	18.90
5	64QAM	12	13	18.08	18.05	17.97	18.01	18.01	18.90
5	64QAM	25	0	18.01	18.04	18.04	17.97	17.94	18.90
5	256QAM	1	0	17.80	17.91	17.94	17.95	17.78	18.90
5	256QAM	1	12	17.80	17.75	17.83	17.84	17.76	18.90
5	256QAM	1	24	17.95	17.97	17.80	17.77	18.01	18.90
5	256QAM	12	0	17.99	17.98	18.04	18.06	18.09	18.90
5	256QAM	12	7	18.06	18.05	18.04	18.03	18.01	18.90
5	256QAM	12	13	18.07	18.04	18.03	17.95	18.09	18.90
5	256QAM	25	0	18.04	18.05	18.04	17.94	18.05	18.90

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 1 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.08	18.05	18.04	18.07	18.09	18.90
20	QPSK	1	49	17.93	18.07	18.08	17.93	18.00	18.90
20	QPSK	1	99	18.07	18.26	18.12	18.05	18.21	18.90
20	QPSK	50	0	18.01	18.07	18.06	18.02	18.01	18.90
20	QPSK	50	24	17.95	18.01	18.01	17.88	18.03	18.90
20	QPSK	50	50	17.98	18.09	18.06	18.00	18.03	18.90
20	QPSK	100	0	18.02	18.03	17.96	17.88	18.01	18.90
20	16QAM	1	0	18.05	18.09	18.11	18.14	18.16	18.90
20	16QAM	1	49	18.02	17.98	18.08	17.91	18.12	18.90
20	16QAM	1	99	18.09	18.25	18.15	18.04	18.17	18.90
20	16QAM	50	0	18.01	18.08	18.02	18.01	18.05	18.90
20	16QAM	50	24	17.97	17.99	18.05	17.93	18.03	18.90
20	16QAM	50	50	18.04	18.14	18.08	17.99	18.11	18.90
20	16QAM	100	0	18.04	18.14	18.09	17.98	18.07	18.90
20	64QAM	1	0	17.89	17.85	17.89	17.92	17.93	18.90
20	64QAM	1	49	17.98	17.88	17.95	17.95	17.93	18.90
20	64QAM	1	99	17.91	17.83	17.90	17.90	17.81	18.90
20	64QAM	50	0	18.03	18.07	18.09	18.03	18.08	18.90
20	64QAM	50	24	18.00	18.10	18.10	17.96	18.09	18.90
20	64QAM	50	50	18.09	18.18	18.07	18.03	18.10	18.90
20	64QAM	100	0	18.12	18.17	18.13	18.04	18.06	18.90
20	256QAM	1	0	17.90	17.94	17.97	17.97	17.93	18.90
20	256QAM	1	49	17.90	17.89	17.90	17.99	17.91	18.90
20	256QAM	1	99	17.99	18.05	17.90	17.91	18.06	18.90
20	256QAM	50	0	18.13	18.13	18.21	18.12	18.17	18.90
20	256QAM	50	24	18.11	18.10	18.18	18.08	18.12	18.90
20	256QAM	50	50	18.20	18.20	18.17	18.09	18.23	18.90
20	256QAM	100	0	18.15	18.10	18.08	18.08	18.10	18.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.99	17.99	17.95	18.01	18.04	18.90
15	QPSK	1	37	17.92	17.92	18.01	17.80	17.92	18.90
15	QPSK	1	74	18.04	18.04	18.02	17.98	18.09	18.90
15	QPSK	36	0	17.88	18.05	18.01	17.93	17.95	18.90
15	QPSK	36	20	17.85	17.88	17.99	17.82	17.89	18.90
15	QPSK	36	39	17.85	17.97	18.04	17.88	17.96	18.90
15	QPSK	75	0	17.93	17.90	17.89	17.86	17.93	18.90
15	16QAM	1	0	17.99	18.02	17.96	18.01	18.06	18.90
15	16QAM	1	37	17.99	17.91	18.03	17.77	18.01	18.90
15	16QAM	1	74	17.99	18.04	18.04	17.95	18.02	18.90
15	16QAM	36	0	17.91	17.98	17.99	17.89	17.94	18.90
15	16QAM	36	20	17.83	17.92	17.92	17.84	17.98	18.90
15	16QAM	36	39	17.97	18.04	18.01	17.87	18.09	18.90
15	16QAM	75	0	17.90	18.05	17.94	17.90	18.03	18.90
15	64QAM	1	0	17.77	17.83	17.79	17.91	17.86	18.90
15	64QAM	1	37	17.93	17.76	17.83	17.89	17.86	18.90
15	64QAM	1	74	17.77	17.71	17.79	17.88	17.78	18.90
15	64QAM	36	0	17.93	17.93	18.03	17.95	17.96	18.90
15	64QAM	36	20	17.92	18.01	18.03	17.91	18.05	18.90
15	64QAM	36	39	18.06	18.04	17.98	17.96	18.01	18.90
15	64QAM	75	0	17.98	18.05	18.03	17.99	17.94	18.90
15	256QAM	1	0	17.75	17.80	17.90	17.91	17.81	18.90
15	256QAM	1	37	17.81	17.81	17.75	17.91	17.82	18.90
15	256QAM	1	74	17.96	18.03	17.85	17.79	17.94	18.90
15	256QAM	36	0	18.06	18.00	18.04	17.98	18.09	18.90
15	256QAM	36	20	18.03	18.03	18.03	17.99	18.06	18.90
15	256QAM	36	39	18.08	18.04	18.04	18.04	18.09	18.90
15	256QAM	75	0	18.08	18.00	18.01	17.97	18.00	18.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.93	17.97	17.94	18.06	18.03	18.90
10	QPSK	1	25	17.85	17.99	17.94	17.80	17.90	18.90
10	QPSK	1	49	17.96	18.04	18.04	17.98	18.07	18.90
10	QPSK	25	0	17.92	17.94	17.99	17.99	17.95	18.90
10	QPSK	25	12	17.94	17.95	17.88	17.82	17.96	18.90
10	QPSK	25	25	17.95	18.01	17.92	17.95	18.00	18.90
10	QPSK	50	0	17.93	17.91	17.83	17.75	17.90	18.90
10	16QAM	1	0	17.92	18.03	18.03	18.06	18.03	18.90

10	16QAM	1	25	17.95	17.91	17.93	17.78	18.05	18.90
10	16QAM	1	49	17.98	18.04	18.04	18.01	18.08	18.90
10	16QAM	25	0	17.88	18.03	17.91	17.92	18.03	18.90
10	16QAM	25	12	17.87	17.95	17.95	17.89	18.00	18.90
10	16QAM	25	25	17.99	18.05	17.98	17.91	18.06	18.90
10	16QAM	50	0	17.95	18.00	18.04	17.86	18.05	18.90
10	64QAM	1	0	17.79	17.71	17.78	17.85	17.90	18.90
10	64QAM	1	25	17.87	17.75	17.87	17.86	17.86	18.90
10	64QAM	1	49	17.77	17.70	17.84	17.83	17.72	18.90
10	64QAM	25	0	18.01	17.99	17.97	17.92	17.97	18.90
10	64QAM	25	12	17.88	17.98	17.96	17.82	18.07	18.90
10	64QAM	25	25	17.99	18.04	18.00	17.93	17.96	18.90
10	64QAM	50	0	18.01	18.05	18.04	17.93	18.03	18.90
10	256QAM	1	0	17.79	17.89	17.93	17.84	17.79	18.90
10	256QAM	1	25	17.81	17.87	17.86	17.91	17.79	18.90
10	256QAM	1	49	17.95	17.99	17.82	17.90	18.02	18.90
10	256QAM	25	0	17.99	18.04	18.04	17.99	18.03	18.90
10	256QAM	25	12	18.05	18.05	18.04	18.00	18.02	18.90
10	256QAM	25	25	18.06	18.04	18.04	17.95	18.09	18.90
10	256QAM	50	0	18.03	17.98	18.03	18.02	18.05	18.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.98	17.93	18.00	17.97	18.05	18.90
5	QPSK	1	12	17.84	18.03	18.03	17.87	17.97	18.90
5	QPSK	1	24	17.93	18.05	17.98	17.97	18.06	18.90
5	QPSK	12	0	17.92	18.00	18.03	17.91	17.94	18.90
5	QPSK	12	7	17.81	17.93	17.87	17.76	17.97	18.90
5	QPSK	12	13	17.90	17.98	17.97	17.92	17.93	18.90
5	QPSK	25	0	17.89	17.93	17.88	17.87	17.99	18.90
5	16QAM	1	0	18.03	18.05	18.01	18.07	18.08	18.90
5	16QAM	1	12	17.99	17.96	18.01	17.76	18.09	18.90
5	16QAM	1	24	18.07	18.04	18.02	17.92	18.09	18.90
5	16QAM	12	0	17.93	17.95	17.94	17.90	18.01	18.90
5	16QAM	12	7	17.86	17.89	17.98	17.80	17.96	18.90
5	16QAM	12	13	17.91	18.03	17.94	17.98	17.99	18.90
5	16QAM	25	0	17.96	18.00	17.99	17.86	17.99	18.90
5	64QAM	1	0	17.77	17.78	17.83	17.88	17.86	18.90
5	64QAM	1	12	17.88	17.77	17.80	17.84	17.85	18.90
5	64QAM	1	24	17.77	17.74	17.75	17.87	17.78	18.90
5	64QAM	12	0	18.01	18.03	17.96	17.99	18.02	18.90
5	64QAM	12	7	17.86	18.02	17.97	17.81	17.95	18.90
5	64QAM	12	13	18.08	18.05	17.97	18.01	18.01	18.90
5	64QAM	25	0	18.01	18.04	18.04	17.97	17.94	18.90
5	256QAM	1	0	17.80	17.91	17.94	17.95	17.78	18.90
5	256QAM	1	12	17.80	17.75	17.83	17.84	17.76	18.90
5	256QAM	1	24	17.95	17.97	17.80	17.77	18.01	18.90
5	256QAM	12	0	17.99	17.98	18.04	18.06	18.09	18.90
5	256QAM	12	7	18.06	18.05	18.04	18.03	18.01	18.90
5	256QAM	12	13	18.07	18.04	18.03	17.95	18.09	18.90
5	256QAM	25	0	18.04	18.05	18.04	17.94	18.05	18.90

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 1 ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	19.00	19.04	19.00	18.98	19.00	20.80
20	QPSK	1	49	18.92	19.02	19.01	18.92	18.99	20.80
20	QPSK	1	99	19.02	19.16	19.02	18.99	19.15	20.80
20	QPSK	50	0	18.93	18.97	18.96	18.95	18.94	20.80
20	QPSK	50	24	18.87	18.93	18.94	18.87	18.95	20.80
20	QPSK	50	50	18.97	19.03	18.99	18.90	19.02	20.80
20	QPSK	100	0	18.95	18.98	18.96	18.88	18.98	20.80
20	16QAM	1	0	19.05	19.06	19.03	19.06	19.08	20.80
20	16QAM	1	49	18.95	18.98	19.02	18.88	19.05	20.80
20	16QAM	1	99	19.06	19.17	19.07	19.00	19.17	20.80
20	16QAM	50	0	18.97	19.00	19.01	18.96	18.98	20.80
20	16QAM	50	24	18.92	18.97	18.99	18.90	18.99	20.80
20	16QAM	50	50	18.99	19.07	19.04	18.93	19.07	20.80
20	16QAM	100	0	18.99	19.04	19.04	18.93	19.03	20.80
20	64QAM	1	0	18.86	18.85	18.85	18.87	18.85	20.80
20	64QAM	1	49	18.88	18.85	18.86	18.86	18.87	20.80
20	64QAM	1	99	18.86	18.80	18.88	18.84	18.80	20.80
20	64QAM	50	0	18.99	19.02	19.03	18.97	18.99	20.80
20	64QAM	50	24	18.96	19.00	19.02	18.93	19.02	20.80
20	64QAM	50	50	19.03	19.09	19.05	18.97	19.08	20.80
20	64QAM	100	0	19.04	19.07	19.06	18.97	19.06	20.80
20	256QAM	1	0	18.90	18.88	18.87	18.92	18.90	20.20
20	256QAM	1	49	18.82	18.87	18.89	18.89	18.90	20.20
20	256QAM	1	99	18.93	19.03	18.90	18.86	19.02	20.20
20	256QAM	50	0	19.09	19.08	19.12	19.07	19.08	20.20
20	256QAM	50	24	19.03	19.08	19.09	19.02	19.09	20.20
20	256QAM	50	50	19.10	19.17	19.14	19.06	19.15	20.20
20	256QAM	100	0	19.05	19.09	19.07	19.01	19.06	20.20
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.90	18.91	18.98	18.90	18.97	20.80
15	QPSK	1	37	18.82	18.93	18.86	18.88	18.98	20.80
15	QPSK	1	74	18.98	19.02	18.99	18.92	19.13	20.80
15	QPSK	36	0	18.91	18.87	18.94	18.89	18.83	20.80
15	QPSK	36	20	18.81	18.90	18.84	18.86	18.90	20.80
15	QPSK	36	39	18.87	18.93	18.85	18.84	18.87	20.80
15	QPSK	75	0	18.87	18.91	18.94	18.85	18.96	20.80
15	16QAM	1	0	18.94	18.91	18.92	18.97	18.98	20.80
15	16QAM	1	37	18.93	18.90	18.98	18.80	19.01	20.80
15	16QAM	1	74	19.05	19.11	18.93	18.88	19.06	20.80
15	16QAM	36	0	18.90	18.89	18.95	18.85	18.88	20.80
15	16QAM	36	20	18.81	18.85	18.88	18.80	18.94	20.80
15	16QAM	36	39	18.93	19.04	18.97	18.89	19.06	20.80
15	16QAM	75	0	18.92	18.93	19.00	18.85	18.99	20.80
15	64QAM	1	0	18.85	18.80	18.80	18.81	18.81	20.80
15	64QAM	1	37	18.80	18.82	18.81	18.80	18.84	20.80
15	64QAM	1	74	18.81	18.89	18.86	18.81	18.84	20.80
15	64QAM	36	0	18.90	18.98	18.92	18.85	18.89	20.80
15	64QAM	36	20	18.86	18.97	18.96	18.86	18.93	20.80
15	64QAM	36	39	18.98	18.99	18.91	18.94	19.05	20.80
15	64QAM	75	0	19.02	19.02	19.01	18.92	19.01	20.80
15	256QAM	1	0	18.87	18.87	18.86	18.83	18.89	20.20
15	256QAM	1	37	18.81	18.89	18.86	18.83	18.82	20.20
15	256QAM	1	74	18.87	18.91	18.88	18.83	18.90	20.20
15	256QAM	36	0	18.97	18.96	19.09	18.95	19.00	20.20
15	256QAM	36	20	18.99	18.98	19.06	18.89	18.98	20.20
15	256QAM	36	39	18.99	19.06	19.07	19.05	19.09	20.20
15	256QAM	75	0	18.99	19.00	18.94	18.91	19.02	20.20
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.86	19.03	18.86	18.85	18.86	20.80
10	QPSK	1	25	18.89	18.93	18.87	18.82	18.91	20.80
10	QPSK	1	49	18.91	19.06	18.97	18.96	19.02	20.80
10	QPSK	25	0	18.82	18.93	18.91	18.92	18.91	20.80
10	QPSK	25	12	18.80	18.89	18.82	18.87	18.86	20.80
10	QPSK	25	25	18.84	18.93	18.92	18.80	18.93	20.80
10	QPSK	50	0	18.87	18.87	18.85	18.84	18.88	20.80
10	16QAM	1	0	19.00	18.91	18.96	19.03	18.97	20.80



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10	16QAM	1	25	18.93	18.92	18.90	18.85	18.92	20.80
10	16QAM	1	49	19.00	19.09	19.04	18.86	19.02	20.80
10	16QAM	25	0	18.86	18.95	19.00	18.89	18.93	20.80
10	16QAM	25	12	18.88	18.88	18.87	18.88	18.87	20.80
10	16QAM	25	25	18.88	19.02	18.90	18.80	18.92	20.80
10	16QAM	50	0	18.87	18.99	18.99	18.89	18.95	20.80
10	64QAM	1	0	18.80	18.81	18.80	18.85	18.80	20.80
10	64QAM	1	25	18.80	18.81	18.82	18.85	18.81	20.80
10	64QAM	1	49	18.80	18.89	18.82	18.80	18.82	20.80
10	64QAM	25	0	18.94	18.90	18.95	18.83	18.94	20.80
10	64QAM	25	12	18.83	18.96	18.98	18.87	18.93	20.80
10	64QAM	25	25	18.88	19.02	19.02	18.90	19.06	20.80
10	64QAM	50	0	18.93	18.99	18.93	18.93	18.95	20.80
10	256QAM	1	0	18.82	18.88	18.82	18.82	18.80	20.20
10	256QAM	1	25	18.89	18.82	18.83	18.88	18.81	20.20
10	256QAM	1	49	18.82	18.99	18.86	18.88	18.93	20.20
10	256QAM	25	0	19.03	18.93	19.05	18.99	18.95	20.20
10	256QAM	25	12	18.98	19.03	19.02	18.91	19.03	20.20
10	256QAM	25	25	19.07	19.12	19.00	19.02	19.01	20.20
10	256QAM	50	0	19.02	19.04	18.98	18.88	19.02	20.20
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.97	18.90	18.91	18.89	18.91	20.80
5	QPSK	1	12	18.90	18.99	18.93	18.86	18.98	20.80
5	QPSK	1	24	18.95	19.07	18.89	18.91	19.04	20.80
5	QPSK	12	0	18.89	18.94	18.81	18.89	18.92	20.80
5	QPSK	12	7	18.83	18.88	18.85	18.81	18.86	20.80
5	QPSK	12	13	18.94	18.90	18.86	18.86	18.89	20.80
5	QPSK	25	0	18.93	18.95	18.81	18.86	18.86	20.80
5	16QAM	1	0	19.02	19.00	18.97	18.92	18.99	20.80
5	16QAM	1	12	18.82	18.85	19.00	18.85	19.00	20.80
5	16QAM	1	24	18.97	19.10	18.99	18.94	19.03	20.80
5	16QAM	12	0	18.88	18.93	18.88	18.82	18.93	20.80
5	16QAM	12	7	18.87	18.87	18.94	18.84	18.91	20.80
5	16QAM	12	13	18.86	19.02	19.02	18.89	18.93	20.80
5	16QAM	25	0	18.91	19.00	18.94	18.82	18.95	20.80
5	64QAM	1	0	18.84	18.81	18.81	18.81	18.82	20.80
5	64QAM	1	12	18.80	18.82	18.81	18.84	18.81	20.80
5	64QAM	1	24	18.83	18.88	18.82	18.80	18.80	20.80
5	64QAM	12	0	18.88	18.99	18.94	18.83	18.88	20.80
5	64QAM	12	7	18.83	18.88	18.90	18.91	18.94	20.80
5	64QAM	12	13	18.95	19.05	18.97	18.89	19.05	20.80
5	64QAM	25	0	19.01	18.96	18.98	18.95	18.93	20.80
5	256QAM	1	0	18.87	18.84	18.84	18.87	18.82	20.20
5	256QAM	1	12	18.81	18.89	18.80	18.84	18.89	20.20
5	256QAM	1	24	18.91	19.00	18.88	18.88	18.91	20.20
5	256QAM	12	0	18.98	18.93	19.20	19.02	18.97	20.20
5	256QAM	12	7	18.97	18.95	18.96	19.00	18.95	20.20
5	256QAM	12	13	19.06	19.16	19.09	19.01	19.03	20.20
5	256QAM	25	0	18.96	19.04	18.94	18.91	18.99	20.20

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 1 ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.08	18.05	18.04	18.07	18.09	18.90
20	QPSK	1	49	17.93	18.07	18.08	17.93	18.00	18.90
20	QPSK	1	99	18.07	18.26	18.12	18.05	18.21	18.90
20	QPSK	50	0	18.01	18.07	18.06	18.02	18.01	18.90
20	QPSK	50	24	17.95	18.01	18.01	17.88	18.03	18.90
20	QPSK	50	50	17.98	18.09	18.06	18.00	18.03	18.90
20	QPSK	100	0	18.02	18.03	17.96	17.88	18.01	18.90
20	16QAM	1	0	18.05	18.09	18.11	18.14	18.16	18.90
20	16QAM	1	49	18.02	17.98	18.08	17.91	18.12	18.90
20	16QAM	1	99	18.09	18.25	18.15	18.04	18.17	18.90
20	16QAM	50	0	18.01	18.08	18.02	18.01	18.05	18.90
20	16QAM	50	24	17.97	17.99	18.05	17.93	18.03	18.90
20	16QAM	50	50	18.04	18.14	18.08	17.99	18.11	18.90
20	16QAM	100	0	18.04	18.14	18.09	17.98	18.07	18.90
20	64QAM	1	0	17.89	17.85	17.89	17.92	17.93	18.90
20	64QAM	1	49	17.98	17.88	17.95	17.95	17.93	18.90
20	64QAM	1	99	17.91	17.83	17.90	17.90	17.81	18.90
20	64QAM	50	0	18.03	18.07	18.09	18.03	18.08	18.90
20	64QAM	50	24	18.00	18.10	18.10	17.96	18.09	18.90
20	64QAM	50	50	18.09	18.18	18.07	18.03	18.10	18.90
20	64QAM	100	0	18.12	18.17	18.13	18.04	18.06	18.90
20	256QAM	1	0	17.90	17.94	17.97	17.97	17.93	18.90
20	256QAM	1	49	17.90	17.89	17.90	17.99	17.91	18.90
20	256QAM	1	99	17.99	18.05	17.90	17.91	18.06	18.90
20	256QAM	50	0	18.13	18.13	18.21	18.12	18.17	18.90
20	256QAM	50	24	18.11	18.10	18.18	18.08	18.12	18.90
20	256QAM	50	50	18.20	18.20	18.17	18.09	18.23	18.90
20	256QAM	100	0	18.15	18.10	18.08	18.08	18.10	18.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.99	17.99	17.95	18.01	18.04	18.90
15	QPSK	1	37	17.92	17.92	18.01	17.80	17.92	18.90
15	QPSK	1	74	18.04	18.04	18.02	17.98	18.09	18.90
15	QPSK	36	0	17.88	18.05	18.01	17.93	17.95	18.90
15	QPSK	36	20	17.85	17.88	17.99	17.82	17.89	18.90
15	QPSK	36	39	17.85	17.97	18.04	17.88	17.96	18.90
15	QPSK	75	0	17.93	17.90	17.89	17.86	17.93	18.90
15	16QAM	1	0	17.99	18.02	17.96	18.01	18.06	18.90
15	16QAM	1	37	17.99	17.91	18.03	17.77	18.01	18.90
15	16QAM	1	74	17.99	18.04	18.04	17.95	18.02	18.90
15	16QAM	36	0	17.91	17.98	17.99	17.89	17.94	18.90
15	16QAM	36	20	17.83	17.92	17.92	17.84	17.98	18.90
15	16QAM	36	39	17.97	18.04	18.01	17.87	18.09	18.90
15	16QAM	75	0	17.90	18.05	17.94	17.90	18.03	18.90
15	64QAM	1	0	17.77	17.83	17.79	17.91	17.86	18.90
15	64QAM	1	37	17.93	17.76	17.83	17.89	17.86	18.90
15	64QAM	1	74	17.77	17.71	17.79	17.88	17.78	18.90
15	64QAM	36	0	17.93	17.93	18.03	17.95	17.96	18.90
15	64QAM	36	20	17.92	18.01	18.03	17.91	18.05	18.90
15	64QAM	36	39	18.06	18.04	17.98	17.96	18.01	18.90
15	64QAM	75	0	17.98	18.05	18.03	17.99	17.94	18.90
15	256QAM	1	0	17.75	17.80	17.90	17.91	17.81	18.90
15	256QAM	1	37	17.81	17.81	17.75	17.91	17.82	18.90
15	256QAM	1	74	17.96	18.03	17.85	17.79	17.94	18.90
15	256QAM	36	0	18.06	18.00	18.04	17.98	18.09	18.90
15	256QAM	36	20	18.03	18.03	18.03	17.99	18.06	18.90
15	256QAM	36	39	18.08	18.04	18.04	18.04	18.09	18.90
15	256QAM	75	0	18.08	18.00	18.01	17.97	18.00	18.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.93	17.97	17.94	18.06	18.03	18.90
10	QPSK	1	25	17.85	17.99	17.94	17.80	17.90	18.90
10	QPSK	1	49	17.96	18.04	18.04	17.98	18.07	18.90
10	QPSK	25	0	17.92	17.94	17.99	17.99	17.95	18.90
10	QPSK	25	12	17.94	17.95	17.88	17.82	17.96	18.90
10	QPSK	25	25	17.95	18.01	17.92	17.95	18.00	18.90
10	QPSK	50	0	17.93	17.91	17.83	17.75	17.90	18.90
10	16QAM	1	0	17.92	18.03	18.03	18.06	18.03	18.90



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10	16QAM	1	25	17.95	17.91	17.93	17.78	18.05	18.90
10	16QAM	1	49	17.98	18.04	18.04	18.01	18.08	18.90
10	16QAM	25	0	17.88	18.03	17.91	17.92	18.03	18.90
10	16QAM	25	12	17.87	17.95	17.95	17.89	18.00	18.90
10	16QAM	25	25	17.99	18.05	17.98	17.91	18.06	18.90
10	16QAM	50	0	17.95	18.00	18.04	17.86	18.05	18.90
10	64QAM	1	0	17.79	17.71	17.78	17.85	17.90	18.90
10	64QAM	1	25	17.87	17.75	17.87	17.86	17.86	18.90
10	64QAM	1	49	17.77	17.70	17.84	17.83	17.72	18.90
10	64QAM	25	0	18.01	17.99	17.97	17.92	17.97	18.90
10	64QAM	25	12	17.88	17.98	17.96	17.82	18.07	18.90
10	64QAM	25	25	17.99	18.04	18.00	17.93	17.96	18.90
10	64QAM	50	0	18.01	18.05	18.04	17.93	18.03	18.90
10	256QAM	1	0	17.79	17.89	17.93	17.84	17.79	18.90
10	256QAM	1	25	17.81	17.87	17.86	17.91	17.79	18.90
10	256QAM	1	49	17.95	17.99	17.82	17.90	18.02	18.90
10	256QAM	25	0	17.99	18.04	18.04	17.99	18.03	18.90
10	256QAM	25	12	18.05	18.05	18.04	18.00	18.02	18.90
10	256QAM	25	25	18.06	18.04	18.04	17.95	18.09	18.90
10	256QAM	50	0	18.03	17.98	18.03	18.02	18.05	18.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.98	17.93	18.00	17.97	18.05	18.90
5	QPSK	1	12	17.84	18.03	18.03	17.87	17.97	18.90
5	QPSK	1	24	17.93	18.05	17.98	17.97	18.06	18.90
5	QPSK	12	0	17.92	18.00	18.03	17.91	17.94	18.90
5	QPSK	12	7	17.81	17.93	17.87	17.76	17.97	18.90
5	QPSK	12	13	17.90	17.98	17.97	17.92	17.93	18.90
5	QPSK	25	0	17.89	17.93	17.88	17.87	17.99	18.90
5	16QAM	1	0	18.03	18.05	18.01	18.07	18.08	18.90
5	16QAM	1	12	17.99	17.96	18.01	17.76	18.09	18.90
5	16QAM	1	24	18.07	18.04	18.02	17.92	18.09	18.90
5	16QAM	12	0	17.93	17.95	17.94	17.90	18.01	18.90
5	16QAM	12	7	17.86	17.89	17.98	17.80	17.96	18.90
5	16QAM	12	13	17.91	18.03	17.94	17.98	17.99	18.90
5	16QAM	25	0	17.96	18.00	17.99	17.86	17.99	18.90
5	64QAM	1	0	17.77	17.78	17.83	17.88	17.86	18.90
5	64QAM	1	12	17.88	17.77	17.80	17.84	17.85	18.90
5	64QAM	1	24	17.77	17.74	17.75	17.87	17.78	18.90
5	64QAM	12	0	18.01	18.03	17.96	17.99	18.02	18.90
5	64QAM	12	7	17.86	18.02	17.97	17.81	17.95	18.90
5	64QAM	12	13	18.08	18.05	17.97	18.01	18.01	18.90
5	64QAM	25	0	18.01	18.04	18.04	17.97	17.94	18.90
5	256QAM	1	0	17.80	17.91	17.94	17.95	17.78	18.90
5	256QAM	1	12	17.80	17.75	17.83	17.84	17.76	18.90
5	256QAM	1	24	17.95	17.97	17.80	17.77	18.01	18.90
5	256QAM	12	0	17.99	17.98	18.04	18.06	18.09	18.90
5	256QAM	12	7	18.06	18.05	18.04	18.03	18.01	18.90
5	256QAM	12	13	18.07	18.04	18.03	17.95	18.09	18.90
5	256QAM	25	0	18.04	18.05	18.04	17.94	18.05	18.90

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 5 ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	18.70
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.39	17.50	17.59	17.56	17.10	18.70
20	QPSK	1	49	17.33	17.52	17.53	17.35	17.14	18.70
20	QPSK	1	99	17.32	17.58	17.57	17.60	17.38	18.70
20	QPSK	50	0	17.34	17.45	17.56	17.44	17.08	18.70
20	QPSK	50	24	17.27	17.46	17.52	17.36	17.11	18.70
20	QPSK	50	50	17.31	17.57	17.56	17.58	17.22	18.70
20	QPSK	100	0	17.30	17.60	17.55	17.33	17.17	18.70
20	16QAM	1	0	17.44	17.54	17.55	17.51	17.16	18.70
20	16QAM	1	49	17.38	17.54	17.58	17.42	17.20	18.70
20	16QAM	1	99	17.37	17.54	17.52	17.20	17.45	18.70
20	16QAM	50	0	17.39	17.51	17.52	17.49	17.13	18.70
20	16QAM	50	24	17.31	17.52	17.59	17.41	17.18	18.70
20	16QAM	50	50	17.36	17.52	17.51	17.30	17.27	18.70
20	16QAM	100	0	17.37	17.47	17.52	17.40	17.23	18.70
20	64QAM	1	0	17.06	17.16	17.26	17.22	16.78	18.70
20	64QAM	1	49	17.01	17.19	17.20	17.05	16.83	18.70
20	64QAM	1	99	17.01	17.35	17.24	16.83	17.07	18.70
20	64QAM	50	0	17.41	17.54	17.54	17.51	17.17	18.70
20	64QAM	50	24	17.37	17.56	17.52	17.44	17.22	18.70
20	64QAM	50	50	17.38	17.55	17.53	17.32	17.31	18.70
20	64QAM	100	0	17.41	17.60	17.55	17.44	17.28	18.70
20	256QAM	1	0	17.28	17.39	17.48	17.44	16.99	18.70
20	256QAM	1	49	17.22	17.41	17.44	17.27	17.07	18.70
20	256QAM	1	99	17.23	17.58	17.49	17.06	17.30	18.70
20	256QAM	50	0	17.48	17.51	17.52	17.60	17.23	18.70
20	256QAM	50	24	17.45	17.53	17.60	17.53	17.28	18.70
20	256QAM	50	50	17.44	17.53	17.51	17.39	17.38	18.70
20	256QAM	100	0	17.44	17.52	17.58	17.46	17.29	18.70
Channel				55315	55820	55990	56160	56665	18.70
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.33	17.40	17.46	17.47	16.99	18.70
15	QPSK	1	37	17.29	17.47	17.44	17.28	17.03	18.70
15	QPSK	1	74	17.21	17.48	17.44	17.47	17.09	18.70
15	QPSK	36	0	17.20	17.38	17.46	17.34	16.99	18.70
15	QPSK	36	20	17.18	17.35	17.45	17.24	17.03	18.70
15	QPSK	36	39	17.29	17.45	17.48	17.46	17.10	18.70
15	QPSK	75	0	17.25	17.49	17.48	17.23	17.06	18.70
15	16QAM	1	0	17.37	17.41	17.42	17.39	17.02	18.70
15	16QAM	1	37	17.35	17.49	17.52	17.28	17.10	18.70
15	16QAM	1	74	17.36	17.49	17.39	17.12	17.10	18.70
15	16QAM	36	0	17.26	17.46	17.48	17.40	17.02	18.70
15	16QAM	36	20	17.29	17.40	17.52	17.40	17.10	18.70
15	16QAM	36	39	17.30	17.46	17.47	17.23	17.10	18.70
15	16QAM	75	0	17.30	17.43	17.48	17.35	17.10	18.70
15	64QAM	1	0	17.03	17.08	17.25	17.18	16.75	18.70
15	64QAM	1	37	16.88	17.12	17.08	17.00	16.79	18.70
15	64QAM	1	74	17.00	17.27	17.14	16.82	17.03	18.70
15	64QAM	36	0	17.38	17.47	17.47	17.45	17.09	18.70
15	64QAM	36	20	17.31	17.49	17.45	17.38	17.09	18.70
15	64QAM	36	39	17.26	17.44	17.45	17.28	17.10	18.70
15	64QAM	75	0	17.34	17.49	17.50	17.32	17.09	18.70
15	256QAM	1	0	17.19	17.28	17.35	17.34	16.89	18.70
15	256QAM	1	37	17.19	17.33	17.40	17.19	16.97	18.70
15	256QAM	1	74	17.12	17.46	17.35	16.95	17.10	18.70
15	256QAM	36	0	17.38	17.39	17.46	17.53	17.09	18.70
15	256QAM	36	20	17.37	17.42	17.52	17.50	17.10	18.70
15	256QAM	36	39	17.32	17.45	17.46	17.37	17.10	18.70
15	256QAM	75	0	17.34	17.40	17.51	17.33	17.09	18.70
Channel				55290	55815	55990	56165	56690	18.70
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.28	17.46	17.49	17.52	16.99	18.70
10	QPSK	1	25	17.19	17.49	17.47	17.34	17.08	18.70
10	QPSK	1	49	17.27	17.44	17.43	17.48	17.10	18.70
10	QPSK	25	0	17.24	17.36	17.47	17.35	16.93	18.70
10	QPSK	25	12	17.16	17.43	17.48	17.29	17.02	18.70
10	QPSK	25	25	17.29	17.44	17.55	17.51	17.10	18.70

10	QPSK	50	0	17.20	17.49	17.52	17.19	17.09	18.70
10	16QAM	1	0	17.30	17.48	17.48	17.43	17.09	18.70
10	16QAM	1	25	17.24	17.50	17.46	17.38	17.10	18.70
10	16QAM	1	49	17.31	17.50	17.44	17.09	17.10	18.70
10	16QAM	25	0	17.32	17.38	17.47	17.45	17.03	18.70
10	16QAM	25	12	17.17	17.50	17.48	17.29	17.09	18.70
10	16QAM	25	25	17.24	17.43	17.41	17.18	17.08	18.70
10	16QAM	50	0	17.27	17.35	17.38	17.38	17.08	18.70
10	64QAM	1	0	16.97	17.02	17.12	17.12	16.70	18.70
10	64QAM	1	25	16.89	17.05	17.13	16.99	16.70	18.70
10	64QAM	1	49	16.94	17.26	17.17	16.80	16.94	18.70
10	64QAM	25	0	17.32	17.49	17.47	17.48	17.09	18.70
10	64QAM	25	12	17.33	17.43	17.50	17.41	17.10	18.70
10	64QAM	25	25	17.25	17.50	17.46	17.22	17.09	18.70
10	64QAM	50	0	17.29	17.50	17.50	17.31	17.10	18.70
10	256QAM	1	0	17.15	17.31	17.42	17.42	16.97	18.70
10	256QAM	1	25	17.13	17.37	17.33	17.15	16.96	18.70
10	256QAM	1	49	17.22	17.48	17.37	17.02	17.10	18.70
10	256QAM	25	0	17.39	17.43	17.48	17.51	17.10	18.70
10	256QAM	25	12	17.39	17.43	17.49	17.48	17.10	18.70
10	256QAM	25	25	17.30	17.48	17.49	17.33	17.09	18.70
10	256QAM	50	0	17.33	17.41	17.46	17.37	17.10	18.70
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.37	17.41	17.51	17.48	17.01	18.70
5	QPSK	1	12	17.19	17.44	17.52	17.24	17.07	18.70
5	QPSK	1	24	17.28	17.44	17.48	17.47	17.10	18.70
5	QPSK	12	0	17.28	17.35	17.42	17.43	16.96	18.70
5	QPSK	12	7	17.24	17.34	17.47	17.23	16.99	18.70
5	QPSK	12	13	17.23	17.46	17.53	17.48	17.10	18.70
5	QPSK	25	0	17.18	17.50	17.43	17.25	17.10	18.70
5	16QAM	1	0	17.37	17.45	17.41	17.44	17.10	18.70
5	16QAM	1	12	17.31	17.49	17.52	17.35	17.06	18.70
5	16QAM	1	24	17.27	17.49	17.50	17.07	17.10	18.70
5	16QAM	12	0	17.28	17.38	17.50	17.44	17.02	18.70
5	16QAM	12	7	17.23	17.49	17.51	17.39	17.07	18.70
5	16QAM	12	13	17.25	17.40	17.39	17.24	17.10	18.70
5	16QAM	25	0	17.30	17.38	17.46	17.28	17.10	18.70
5	64QAM	1	0	16.99	17.10	17.20	17.20	16.75	18.70
5	64QAM	1	12	16.91	17.11	17.09	16.99	16.75	18.70
5	64QAM	1	24	16.92	17.29	17.09	16.75	17.05	18.70
5	64QAM	12	0	17.39	17.42	17.49	17.37	17.04	18.70
5	64QAM	12	7	17.31	17.50	17.41	17.31	17.10	18.70
5	64QAM	12	13	17.25	17.42	17.45	17.18	17.09	18.70
5	64QAM	25	0	17.31	17.50	17.43	17.41	17.10	18.70
5	256QAM	1	0	17.25	17.31	17.40	17.29	16.96	18.70
5	256QAM	1	12	17.19	17.34	17.32	17.16	17.04	18.70
5	256QAM	1	24	17.16	17.50	17.45	16.91	17.10	18.70
5	256QAM	12	0	17.39	17.47	17.47	17.55	17.09	18.70
5	256QAM	12	7	17.37	17.39	17.58	17.42	17.10	18.70
5	256QAM	12	13	17.30	17.42	17.40	17.32	17.10	18.70
5	256QAM	25	0	17.38	17.46	17.48	17.38	17.09	18.70

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 5 ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.39	17.50	17.59	17.56	17.10	17.60
20	QPSK	1	49	17.33	17.52	17.53	17.35	17.14	17.60
20	QPSK	1	99	17.32	17.58	17.57	17.60	17.38	17.60
20	QPSK	50	0	17.34	17.45	17.56	17.44	17.08	17.60
20	QPSK	50	24	17.27	17.46	17.52	17.36	17.11	17.60
20	QPSK	50	50	17.31	17.57	17.56	17.58	17.22	17.60
20	QPSK	100	0	17.30	17.60	17.55	17.33	17.17	17.60
20	16QAM	1	0	17.44	17.54	17.55	17.51	17.16	17.60
20	16QAM	1	49	17.38	17.54	17.58	17.42	17.20	17.60
20	16QAM	1	99	17.37	17.54	17.52	17.20	17.45	17.60
20	16QAM	50	0	17.39	17.51	17.52	17.49	17.13	17.60
20	16QAM	50	24	17.31	17.52	17.59	17.41	17.18	17.60
20	16QAM	50	50	17.36	17.52	17.51	17.30	17.27	17.60
20	16QAM	100	0	17.37	17.47	17.52	17.40	17.23	17.60
20	64QAM	1	0	17.06	17.16	17.26	17.22	16.78	17.60
20	64QAM	1	49	17.01	17.19	17.20	17.05	16.83	17.60
20	64QAM	1	99	17.01	17.35	17.24	16.83	17.07	17.60
20	64QAM	50	0	17.41	17.54	17.54	17.51	17.17	17.60
20	64QAM	50	24	17.37	17.56	17.52	17.44	17.22	17.60
20	64QAM	50	50	17.38	17.55	17.53	17.32	17.31	17.60
20	64QAM	100	0	17.41	17.60	17.55	17.44	17.28	17.60
20	256QAM	1	0	17.28	17.39	17.48	17.44	16.99	17.60
20	256QAM	1	49	17.22	17.41	17.44	17.27	17.07	17.60
20	256QAM	1	99	17.23	17.58	17.49	17.06	17.30	17.60
20	256QAM	50	0	17.48	17.51	17.52	17.60	17.23	17.60
20	256QAM	50	24	17.45	17.53	17.60	17.53	17.28	17.60
20	256QAM	50	50	17.44	17.53	17.51	17.39	17.38	17.60
20	256QAM	100	0	17.44	17.52	17.58	17.46	17.29	17.60
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.33	17.40	17.46	17.47	16.99	17.60
15	QPSK	1	37	17.29	17.47	17.44	17.28	17.03	17.60
15	QPSK	1	74	17.21	17.48	17.44	17.47	17.09	17.60
15	QPSK	36	0	17.20	17.38	17.46	17.34	16.99	17.60
15	QPSK	36	20	17.18	17.35	17.45	17.24	17.03	17.60
15	QPSK	36	39	17.29	17.45	17.48	17.46	17.10	17.60
15	QPSK	75	0	17.25	17.49	17.48	17.23	17.06	17.60
15	16QAM	1	0	17.37	17.41	17.42	17.39	17.02	17.60
15	16QAM	1	37	17.35	17.49	17.52	17.28	17.10	17.60
15	16QAM	1	74	17.36	17.49	17.39	17.12	17.10	17.60
15	16QAM	36	0	17.26	17.46	17.48	17.40	17.02	17.60
15	16QAM	36	20	17.29	17.40	17.52	17.40	17.10	17.60
15	16QAM	36	39	17.30	17.46	17.47	17.23	17.10	17.60
15	16QAM	75	0	17.30	17.43	17.48	17.35	17.10	17.60
15	64QAM	1	0	17.03	17.08	17.25	17.18	16.75	17.60
15	64QAM	1	37	16.88	17.12	17.08	17.00	16.79	17.60
15	64QAM	1	74	17.00	17.27	17.14	16.82	17.03	17.60
15	64QAM	36	0	17.38	17.47	17.47	17.45	17.09	17.60
15	64QAM	36	20	17.31	17.49	17.45	17.38	17.09	17.60
15	64QAM	36	39	17.26	17.44	17.45	17.28	17.10	17.60
15	64QAM	75	0	17.34	17.49	17.50	17.32	17.09	17.60
15	256QAM	1	0	17.19	17.28	17.35	17.34	16.89	17.60
15	256QAM	1	37	17.19	17.33	17.40	17.19	16.97	17.60
15	256QAM	1	74	17.12	17.46	17.35	16.95	17.10	17.60
15	256QAM	36	0	17.38	17.39	17.46	17.53	17.09	17.60
15	256QAM	36	20	17.37	17.42	17.52	17.50	17.10	17.60
15	256QAM	36	39	17.32	17.45	17.46	17.37	17.10	17.60
15	256QAM	75	0	17.34	17.40	17.51	17.33	17.09	17.60
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.28	17.46	17.49	17.52	16.99	17.60
10	QPSK	1	25	17.19	17.49	17.47	17.34	17.08	17.60
10	QPSK	1	49	17.27	17.44	17.43	17.48	17.10	17.60
10	QPSK	25	0	17.24	17.36	17.47	17.35	16.93	17.60
10	QPSK	25	12	17.16	17.43	17.48	17.29	17.02	17.60
10	QPSK	25	25	17.29	17.44	17.55	17.51	17.10	17.60
10	QPSK	50	0	17.20	17.49	17.52	17.19	17.09	17.60
10	16QAM	1	0	17.30	17.48	17.48	17.43	17.09	17.60
10	16QAM	1	25	17.24	17.50	17.46	17.38	17.10	17.60

10	16QAM	1	49	17.31	17.50	17.44	17.09	17.10	17.60
10	16QAM	25	0	17.32	17.38	17.47	17.45	17.03	17.60
10	16QAM	25	12	17.17	17.50	17.48	17.29	17.09	17.60
10	16QAM	25	25	17.24	17.43	17.41	17.18	17.08	17.60
10	16QAM	50	0	17.27	17.35	17.38	17.38	17.08	17.60
10	64QAM	1	0	16.97	17.02	17.12	17.12	16.70	17.60
10	64QAM	1	25	16.89	17.05	17.13	16.99	16.69	17.60
10	64QAM	1	49	16.94	17.26	17.17	16.80	16.94	17.60
10	64QAM	25	0	17.32	17.49	17.47	17.48	17.09	17.60
10	64QAM	25	12	17.33	17.43	17.50	17.41	17.10	17.60
10	64QAM	25	25	17.25	17.50	17.46	17.22	17.09	17.60
10	64QAM	50	0	17.29	17.50	17.50	17.31	17.10	17.60
10	256QAM	1	0	17.15	17.31	17.42	17.42	16.97	17.60
10	256QAM	1	25	17.13	17.37	17.33	17.15	16.96	17.60
10	256QAM	1	49	17.22	17.48	17.37	17.02	17.10	17.60
10	256QAM	25	0	17.39	17.43	17.48	17.51	17.10	17.60
10	256QAM	25	12	17.39	17.43	17.49	17.48	17.10	17.60
10	256QAM	25	25	17.30	17.48	17.49	17.33	17.09	17.60
10	256QAM	50	0	17.33	17.41	17.46	17.37	17.10	17.60
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.37	17.41	17.51	17.48	17.01	17.60
5	QPSK	1	12	17.19	17.44	17.52	17.24	17.07	17.60
5	QPSK	1	24	17.28	17.44	17.48	17.47	17.10	17.60
5	QPSK	12	0	17.28	17.35	17.42	17.43	16.96	17.60
5	QPSK	12	7	17.24	17.34	17.47	17.23	16.99	17.60
5	QPSK	12	13	17.23	17.46	17.53	17.48	17.10	17.60
5	QPSK	25	0	17.18	17.50	17.43	17.25	17.10	17.60
5	16QAM	1	0	17.37	17.45	17.41	17.44	17.10	17.60
5	16QAM	1	12	17.31	17.49	17.52	17.35	17.06	17.60
5	16QAM	1	24	17.27	17.49	17.50	17.07	17.10	17.60
5	16QAM	12	0	17.28	17.38	17.50	17.44	17.02	17.60
5	16QAM	12	7	17.23	17.49	17.51	17.39	17.07	17.60
5	16QAM	12	13	17.25	17.40	17.39	17.24	17.10	17.60
5	16QAM	25	0	17.30	17.38	17.46	17.28	17.10	17.60
5	64QAM	1	0	16.99	17.10	17.20	17.20	16.75	17.60
5	64QAM	1	12	16.91	17.11	17.09	16.99	16.75	17.60
5	64QAM	1	24	16.92	17.29	17.09	16.75	17.05	17.60
5	64QAM	12	0	17.39	17.42	17.49	17.37	17.04	17.60
5	64QAM	12	7	17.31	17.50	17.41	17.31	17.10	17.60
5	64QAM	12	13	17.25	17.42	17.45	17.18	17.09	17.60
5	64QAM	25	0	17.31	17.50	17.43	17.41	17.10	17.60
5	256QAM	1	0	17.25	17.31	17.40	17.29	16.96	17.60
5	256QAM	1	12	17.19	17.34	17.32	17.16	17.04	17.60
5	256QAM	1	24	17.16	17.50	17.45	16.91	17.10	17.60
5	256QAM	12	0	17.39	17.47	17.47	17.55	17.09	17.60
5	256QAM	12	7	17.37	17.39	17.58	17.42	17.10	17.60
5	256QAM	12	13	17.30	17.42	17.40	17.32	17.10	17.60
5	256QAM	25	0	17.38	17.46	17.48	17.38	17.09	17.60

【LTE Band 48 _FCC_ Part 96 IC_RSS-192 (3550~3700MHz) Ant 5 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.58	20.70	20.79	20.75	20.30	20.90
20	QPSK	1	49	20.56	20.76	20.78	20.59	20.38	20.90
20	QPSK	1	99	20.51	20.87	20.75	20.33	20.57	20.90
20	QPSK	50	0	20.54	20.68	20.77	20.65	20.31	20.90
20	QPSK	50	24	20.51	20.70	20.76	20.58	20.37	20.90
20	QPSK	50	50	20.52	20.79	20.77	20.44	20.46	20.90
20	QPSK	100	0	20.53	20.77	20.76	20.54	20.40	20.90
20	16QAM	1	0	20.64	20.76	20.84	20.81	20.36	20.90
20	16QAM	1	49	20.63	20.82	20.84	20.67	20.44	20.90
20	16QAM	1	99	20.56	20.90	20.85	20.41	20.65	20.90
20	16QAM	50	0	20.61	20.74	20.84	20.72	20.36	20.90
20	16QAM	50	24	20.57	20.76	20.81	20.66	20.43	20.90
20	16QAM	50	50	20.59	20.85	20.83	20.52	20.51	20.90
20	16QAM	100	0	20.60	20.79	20.83	20.61	20.46	20.90
20	64QAM	1	0	20.36	20.34	20.44	20.40	20.30	20.90
20	64QAM	1	49	20.33	20.43	20.45	20.37	20.31	20.90
20	64QAM	1	99	20.30	20.56	20.44	20.30	20.37	20.90

20	64QAM	50	0	20.19	20.33	20.42	20.30	19.94	20.90
20	64QAM	50	24	20.17	20.35	20.40	20.23	20.02	20.90
20	64QAM	50	50	20.17	20.43	20.42	20.08	20.09	20.90
20	64QAM	100	0	20.19	20.39	20.44	20.20	20.05	20.90
20	256QAM	1	0	18.56	18.66	18.75	18.72	18.30	19.90
20	256QAM	1	49	18.51	18.69	18.70	18.55	18.36	19.90
20	256QAM	1	99	18.51	18.86	18.75	18.34	18.57	19.90
20	256QAM	50	0	18.77	18.90	19.01	18.88	18.52	19.90
20	256QAM	50	24	18.73	18.92	18.97	18.80	18.58	19.90
20	256QAM	50	50	18.74	19.00	18.98	18.67	18.67	19.90
20	256QAM	100	0	18.71	18.90	18.94	18.72	18.58	19.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.55	20.66	20.66	20.71	20.30	20.90
15	QPSK	1	37	20.49	20.63	20.72	20.53	20.30	20.90
15	QPSK	1	74	20.44	20.70	20.64	20.30	20.30	20.90
15	QPSK	36	0	20.49	20.56	20.64	20.59	20.30	20.90
15	QPSK	36	20	20.43	20.61	20.64	20.55	20.30	20.90
15	QPSK	36	39	20.42	20.65	20.74	20.37	20.30	20.90
15	QPSK	75	0	20.45	20.61	20.72	20.53	20.30	20.90
15	16QAM	1	0	20.53	20.67	20.73	20.75	20.30	20.90
15	16QAM	1	37	20.54	20.69	20.78	20.54	20.30	20.90
15	16QAM	1	74	20.41	20.69	20.79	20.36	20.30	20.90
15	16QAM	36	0	20.48	20.63	20.71	20.57	20.30	20.90
15	16QAM	36	20	20.45	20.62	20.66	20.61	20.30	20.90
15	16QAM	36	39	20.54	20.70	20.78	20.44	20.30	20.90
15	16QAM	75	0	20.54	20.69	20.78	20.50	20.31	20.90
15	64QAM	1	0	20.30	20.31	20.32	20.32	20.30	20.90
15	64QAM	1	37	20.31	20.37	20.34	20.35	20.30	20.90
15	64QAM	1	74	20.31	20.51	20.30	20.32	20.30	20.90
15	64QAM	36	0	20.11	20.22	20.30	20.26	19.91	20.90
15	64QAM	36	20	20.11	20.25	20.39	20.10	19.97	20.90
15	64QAM	36	39	20.15	20.40	20.41	20.05	19.94	20.90
15	64QAM	75	0	20.07	20.32	20.37	20.09	20.01	20.90
15	256QAM	1	0	18.51	18.63	18.66	18.64	18.28	19.90
15	256QAM	1	37	18.37	18.63	18.65	18.46	18.34	19.90
15	256QAM	1	74	18.40	18.76	18.68	18.23	18.51	19.90
15	256QAM	36	0	18.76	18.84	18.97	18.76	18.42	19.90
15	256QAM	36	20	18.59	18.86	18.89	18.70	18.45	19.90
15	256QAM	36	39	18.60	18.86	18.91	18.62	18.57	19.90
15	256QAM	75	0	18.68	18.85	18.88	18.60	18.47	19.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.44	20.65	20.68	20.69	20.31	20.90
10	QPSK	1	25	20.43	20.67	20.71	20.45	20.30	20.90
10	QPSK	1	49	20.47	20.69	20.74	20.32	20.30	20.90
10	QPSK	25	0	20.41	20.67	20.72	20.60	20.31	20.90
10	QPSK	25	12	20.41	20.68	20.67	20.46	20.30	20.90
10	QPSK	25	25	20.50	20.70	20.62	20.34	20.30	20.90
10	QPSK	50	0	20.45	20.66	20.65	20.49	20.30	20.90
10	16QAM	1	0	20.58	20.70	20.71	20.70	20.30	20.90
10	16QAM	1	25	20.58	20.70	20.72	20.59	20.30	20.90
10	16QAM	1	49	20.45	20.69	20.74	20.31	20.30	20.90
10	16QAM	25	0	20.47	20.70	20.73	20.68	20.32	20.90
10	16QAM	25	12	20.44	20.70	20.74	20.62	20.30	20.90
10	16QAM	25	25	20.56	20.69	20.74	20.45	20.30	20.90
10	16QAM	50	0	20.57	20.69	20.75	20.56	20.30	20.90
10	64QAM	1	0	20.31	20.30	20.38	20.35	20.30	20.90
10	64QAM	1	25	20.30	20.30	20.34	20.31	20.31	20.90
10	64QAM	1	49	20.31	20.43	20.36	20.30	20.31	20.90
10	64QAM	25	0	20.14	20.23	20.34	20.21	19.91	20.90
10	64QAM	25	12	20.09	20.22	20.34	20.11	19.96	20.90
10	64QAM	25	25	20.06	20.39	20.28	20.03	20.06	20.90
10	64QAM	50	0	20.10	20.33	20.34	20.08	19.99	20.90
10	256QAM	1	0	18.42	18.51	18.64	18.63	18.28	19.90
10	256QAM	1	25	18.40	18.62	18.55	18.51	18.28	19.90
10	256QAM	1	49	18.48	18.79	18.61	18.21	18.54	19.90
10	256QAM	25	0	18.76	18.80	18.92	18.79	18.46	19.90
10	256QAM	25	12	18.68	18.77	18.86	18.77	18.54	19.90
10	256QAM	25	25	18.61	18.95	18.93	18.60	18.56	19.90
10	256QAM	50	0	18.64	18.77	18.82	18.60	18.51	19.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.56	20.67	20.68	20.69	20.31	20.90
5	QPSK	1	12	20.43	20.66	20.64	20.52	20.31	20.90

5	QPSK	1	24	20.43	20.70	20.74	20.30	20.31	20.90
5	QPSK	12	0	20.53	20.62	20.69	20.60	20.31	20.90
5	QPSK	12	7	20.43	20.56	20.66	20.46	20.32	20.90
5	QPSK	12	13	20.37	20.68	20.68	20.30	20.30	20.90
5	QPSK	25	0	20.45	20.67	20.74	20.49	20.31	20.90
5	16QAM	1	0	20.56	20.62	20.70	20.73	20.30	20.90
5	16QAM	1	12	20.56	20.69	20.79	20.62	20.30	20.90
5	16QAM	1	24	20.50	20.70	20.71	20.31	20.30	20.90
5	16QAM	12	0	20.52	20.65	20.78	20.67	20.31	20.90
5	16QAM	12	7	20.53	20.68	20.76	20.54	20.30	20.90
5	16QAM	12	13	20.51	20.70	20.79	20.38	20.30	20.90
5	16QAM	25	0	20.56	20.69	20.74	20.50	20.30	20.90
5	64QAM	1	0	20.32	20.30	20.36	20.30	20.30	20.90
5	64QAM	1	12	20.32	20.31	20.42	20.31	20.32	20.90
5	64QAM	1	24	20.31	20.49	20.35	20.31	20.30	20.90
5	64QAM	12	0	20.17	20.22	20.38	20.16	19.91	20.90
5	64QAM	12	7	20.15	20.33	20.29	20.14	19.91	20.90
5	64QAM	12	13	20.05	20.39	20.31	20.04	20.06	20.90
5	64QAM	25	0	20.04	20.33	20.29	20.07	19.92	20.90
5	256QAM	1	0	18.52	18.52	18.62	18.64	18.17	19.90
5	256QAM	1	12	18.36	18.63	18.56	18.45	18.27	19.90
5	256QAM	1	24	18.38	18.79	18.71	18.21	18.48	19.90
5	256QAM	12	0	18.65	18.85	18.98	18.81	18.43	19.90
5	256QAM	12	7	18.63	18.87	18.82	18.74	18.49	19.90
5	256QAM	12	13	18.68	18.98	18.95	18.61	18.55	19.90
5	256QAM	25	0	18.66	18.88	18.80	18.70	18.43	19.90

【LTE Band 48 _FCC_Part 96 IC_RSS-192 (3550~3700MHz) Ant 5 ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.58	20.70	20.79	20.75	20.30	22.30
20	QPSK	1	49	20.56	20.76	20.78	20.59	20.38	22.30
20	QPSK	1	99	20.51	20.87	20.75	20.33	20.57	22.30
20	QPSK	50	0	20.54	20.68	20.77	20.65	20.31	22.30
20	QPSK	50	24	20.51	20.70	20.76	20.58	20.37	22.30
20	QPSK	50	50	20.52	20.79	20.77	20.44	20.46	22.30
20	QPSK	100	0	20.53	20.77	20.76	20.54	20.40	22.30
20	16QAM	1	0	20.64	20.76	20.84	20.81	20.36	22.30
20	16QAM	1	49	20.63	20.82	20.84	20.67	20.44	22.30
20	16QAM	1	99	20.56	20.90	20.85	20.41	20.65	22.30
20	16QAM	50	0	20.61	20.74	20.84	20.72	20.36	22.30
20	16QAM	50	24	20.57	20.76	20.81	20.66	20.43	22.30
20	16QAM	50	50	20.59	20.85	20.83	20.52	20.51	22.30
20	16QAM	100	0	20.60	20.79	20.83	20.61	20.46	22.30
20	64QAM	1	0	20.36	20.34	20.44	20.40	20.30	22.30
20	64QAM	1	49	20.33	20.43	20.45	20.37	20.31	22.30
20	64QAM	1	99	20.30	20.56	20.44	20.30	20.37	22.30
20	64QAM	50	0	20.19	20.33	20.42	20.30	19.94	21.90
20	64QAM	50	24	20.17	20.35	20.40	20.23	20.02	21.90
20	64QAM	50	50	20.17	20.43	20.42	20.08	20.09	21.90
20	64QAM	100	0	20.19	20.39	20.44	20.20	20.05	21.90
20	256QAM	1	0	18.56	18.66	18.75	18.72	18.30	19.90
20	256QAM	1	49	18.51	18.69	18.70	18.55	18.36	19.90
20	256QAM	1	99	18.51	18.86	18.75	18.34	18.57	19.90
20	256QAM	50	0	18.77	18.90	19.01	18.88	18.52	19.90
20	256QAM	50	24	18.73	18.92	18.97	18.80	18.58	19.90
20	256QAM	50	50	18.74	19.00	18.98	18.67	18.67	19.90
20	256QAM	100	0	18.71	18.90	18.94	18.72	18.58	19.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.55	20.66	20.66	20.71	20.30	22.30
15	QPSK	1	37	20.49	20.63	20.72	20.53	20.30	22.30
15	QPSK	1	74	20.44	20.70	20.64	20.30	20.30	22.30
15	QPSK	36	0	20.49	20.56	20.64	20.59	20.30	22.30
15	QPSK	36	20	20.43	20.61	20.64	20.55	20.30	22.30
15	QPSK	36	39	20.42	20.65	20.74	20.37	20.30	22.30
15	QPSK	75	0	20.45	20.61	20.72	20.53	20.30	22.30
15	16QAM	1	0	20.53	20.67	20.73	20.75	20.30	22.30
15	16QAM	1	37	20.54	20.69	20.78	20.54	20.30	22.30
15	16QAM	1	74	20.41	20.69	20.79	20.36	20.30	22.30

15	16QAM	36	0	20.48	20.63	20.71	20.57	20.30	22.30
15	16QAM	36	20	20.45	20.62	20.66	20.61	20.30	22.30
15	16QAM	36	39	20.54	20.70	20.78	20.44	20.30	22.30
15	16QAM	75	0	20.54	20.69	20.78	20.50	20.31	22.30
15	64QAM	1	0	20.30	20.31	20.32	20.32	20.30	22.30
15	64QAM	1	37	20.31	20.37	20.34	20.35	20.30	22.30
15	64QAM	1	74	20.31	20.51	20.30	20.32	20.30	22.30
15	64QAM	36	0	20.11	20.22	20.30	20.26	19.91	21.90
15	64QAM	36	20	20.11	20.25	20.39	20.10	19.97	21.90
15	64QAM	36	39	20.15	20.40	20.41	20.05	19.94	21.90
15	64QAM	75	0	20.07	20.32	20.37	20.09	20.01	21.90
15	256QAM	1	0	18.51	18.63	18.66	18.64	18.28	19.90
15	256QAM	1	37	18.37	18.63	18.65	18.46	18.34	19.90
15	256QAM	1	74	18.40	18.76	18.68	18.23	18.51	19.90
15	256QAM	36	0	18.76	18.84	18.97	18.76	18.42	19.90
15	256QAM	36	20	18.59	18.86	18.89	18.70	18.45	19.90
15	256QAM	36	39	18.60	18.86	18.91	18.62	18.57	19.90
15	256QAM	75	0	18.68	18.85	18.88	18.60	18.47	19.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.44	20.65	20.68	20.69	20.31	22.30
10	QPSK	1	25	20.43	20.67	20.71	20.45	20.30	22.30
10	QPSK	1	49	20.47	20.69	20.74	20.32	20.30	22.30
10	QPSK	25	0	20.41	20.67	20.72	20.60	20.31	22.30
10	QPSK	25	12	20.41	20.68	20.67	20.46	20.30	22.30
10	QPSK	25	25	20.50	20.70	20.62	20.34	20.30	22.30
10	QPSK	50	0	20.45	20.66	20.65	20.49	20.30	22.30
10	16QAM	1	0	20.58	20.70	20.71	20.70	20.30	22.30
10	16QAM	1	25	20.58	20.70	20.72	20.59	20.30	22.30
10	16QAM	1	49	20.45	20.69	20.74	20.31	20.30	22.30
10	16QAM	25	0	20.47	20.70	20.73	20.68	20.32	22.30
10	16QAM	25	12	20.44	20.70	20.74	20.62	20.30	22.30
10	16QAM	25	25	20.56	20.69	20.74	20.45	20.30	22.30
10	16QAM	50	0	20.57	20.69	20.75	20.56	20.30	22.30
10	64QAM	1	0	20.31	20.30	20.38	20.35	20.30	22.30
10	64QAM	1	25	20.30	20.30	20.34	20.31	20.31	22.30
10	64QAM	1	49	20.31	20.43	20.36	20.30	20.31	22.30
10	64QAM	25	0	20.14	20.23	20.34	20.21	19.91	21.90
10	64QAM	25	12	20.09	20.22	20.34	20.11	19.96	21.90
10	64QAM	25	25	20.06	20.39	20.28	20.03	20.06	21.90
10	64QAM	50	0	20.10	20.33	20.34	20.08	19.99	21.90
10	256QAM	1	0	18.42	18.51	18.64	18.63	18.28	19.90
10	256QAM	1	25	18.40	18.62	18.55	18.51	18.28	19.90
10	256QAM	1	49	18.48	18.79	18.61	18.21	18.54	19.90
10	256QAM	25	0	18.76	18.80	18.92	18.79	18.46	19.90
10	256QAM	25	12	18.68	18.77	18.86	18.77	18.54	19.90
10	256QAM	25	25	18.61	18.95	18.93	18.60	18.56	19.90
10	256QAM	50	0	18.64	18.77	18.82	18.60	18.51	19.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.56	20.67	20.68	20.69	20.31	22.30
5	QPSK	1	12	20.43	20.66	20.64	20.52	20.31	22.30
5	QPSK	1	24	20.43	20.70	20.74	20.30	20.31	22.30
5	QPSK	12	0	20.53	20.62	20.69	20.60	20.31	22.30
5	QPSK	12	7	20.43	20.56	20.66	20.46	20.32	22.30
5	QPSK	12	13	20.37	20.68	20.68	20.30	20.30	22.30
5	QPSK	25	0	20.45	20.67	20.74	20.49	20.31	22.30
5	16QAM	1	0	20.56	20.62	20.70	20.73	20.30	22.30
5	16QAM	1	12	20.56	20.69	20.79	20.62	20.30	22.30
5	16QAM	1	24	20.50	20.70	20.71	20.31	20.30	22.30
5	16QAM	12	0	20.52	20.65	20.78	20.67	20.31	22.30
5	16QAM	12	7	20.53	20.68	20.76	20.54	20.30	22.30
5	16QAM	12	13	20.51	20.70	20.79	20.38	20.30	22.30
5	16QAM	25	0	20.56	20.69	20.74	20.50	20.30	22.30
5	64QAM	1	0	20.32	20.30	20.36	20.30	20.30	22.30
5	64QAM	1	12	20.32	20.31	20.42	20.31	20.32	22.30
5	64QAM	1	24	20.31	20.49	20.35	20.31	20.30	22.30
5	64QAM	12	0	20.17	20.22	20.38	20.16	19.91	21.90
5	64QAM	12	7	20.15	20.33	20.29	20.14	19.91	21.90
5	64QAM	12	13	20.05	20.39	20.31	20.04	20.06	21.90
5	64QAM	25	0	20.04	20.33	20.29	20.07	19.92	21.90
5	256QAM	1	0	18.52	18.52	18.62	18.64	18.17	19.90
5	256QAM	1	12	18.36	18.63	18.56	18.45	18.27	19.90
5	256QAM	1	24	18.38	18.79	18.71	18.21	18.48	19.90
5	256QAM	12	0	18.65	18.85	18.98	18.81	18.43	19.90
5	256QAM	12	7	18.63	18.87	18.82	18.74	18.49	19.90

5	256QAM	12	13	18.68	18.98	18.95	18.61	18.55	19.90
5	256QAM	25	0	18.66	18.88	18.80	18.70	18.43	19.90

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.58	20.70	20.79	20.75	20.30	20.90
20	QPSK	1	49	20.56	20.76	20.78	20.59	20.38	20.90
20	QPSK	1	99	20.51	20.87	20.75	20.33	20.57	20.90
20	QPSK	50	0	20.54	20.68	20.77	20.65	20.31	20.90
20	QPSK	50	24	20.51	20.70	20.76	20.58	20.37	20.90
20	QPSK	50	50	20.52	20.79	20.77	20.44	20.46	20.90
20	QPSK	100	0	20.53	20.77	20.76	20.54	20.40	20.90
20	16QAM	1	0	20.64	20.76	20.84	20.81	20.36	20.90
20	16QAM	1	49	20.63	20.82	20.84	20.67	20.44	20.90
20	16QAM	1	99	20.56	20.90	20.85	20.41	20.65	20.90
20	16QAM	50	0	20.61	20.74	20.84	20.72	20.36	20.90
20	16QAM	50	24	20.57	20.76	20.81	20.66	20.43	20.90
20	16QAM	50	50	20.59	20.85	20.83	20.52	20.51	20.90
20	16QAM	100	0	20.60	20.79	20.83	20.61	20.46	20.90
20	64QAM	1	0	20.36	20.34	20.44	20.40	20.30	20.90
20	64QAM	1	49	20.33	20.43	20.45	20.37	20.31	20.90
20	64QAM	1	99	20.30	20.56	20.44	20.30	20.37	20.90
20	64QAM	50	0	20.19	20.33	20.42	20.30	19.94	20.90
20	64QAM	50	24	20.17	20.35	20.40	20.23	20.02	20.90
20	64QAM	50	50	20.17	20.43	20.42	20.08	20.09	20.90
20	64QAM	100	0	20.19	20.39	20.44	20.20	20.05	20.90
20	256QAM	1	0	18.56	18.66	18.75	18.72	18.30	19.90
20	256QAM	1	49	18.51	18.69	18.70	18.55	18.36	19.90
20	256QAM	1	99	18.51	18.86	18.75	18.34	18.57	19.90
20	256QAM	50	0	18.77	18.90	19.01	18.88	18.52	19.90
20	256QAM	50	24	18.73	18.92	18.97	18.80	18.58	19.90
20	256QAM	50	50	18.74	19.00	18.98	18.67	18.67	19.90
20	256QAM	100	0	18.71	18.90	18.94	18.72	18.58	19.90
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.55	20.66	20.66	20.71	20.30	20.90
15	QPSK	1	37	20.49	20.63	20.72	20.53	20.30	20.90
15	QPSK	1	74	20.44	20.70	20.64	20.30	20.30	20.90
15	QPSK	36	0	20.49	20.56	20.64	20.59	20.30	20.90
15	QPSK	36	20	20.43	20.61	20.64	20.55	20.30	20.90
15	QPSK	36	39	20.42	20.65	20.74	20.37	20.30	20.90
15	QPSK	75	0	20.45	20.61	20.72	20.53	20.30	20.90
15	16QAM	1	0	20.53	20.67	20.73	20.75	20.30	20.90
15	16QAM	1	37	20.54	20.69	20.78	20.54	20.30	20.90
15	16QAM	1	74	20.41	20.69	20.79	20.36	20.30	20.90
15	16QAM	36	0	20.48	20.63	20.71	20.57	20.30	20.90
15	16QAM	36	20	20.45	20.62	20.66	20.61	20.30	20.90
15	16QAM	36	39	20.54	20.70	20.78	20.44	20.30	20.90
15	16QAM	75	0	20.54	20.69	20.78	20.50	20.31	20.90
15	64QAM	1	0	20.30	20.31	20.32	20.32	20.30	20.90
15	64QAM	1	37	20.31	20.37	20.34	20.35	20.30	20.90
15	64QAM	1	74	20.31	20.51	20.30	20.32	20.30	20.90
15	64QAM	36	0	20.11	20.22	20.30	20.26	19.91	20.90
15	64QAM	36	20	20.11	20.25	20.39	20.10	19.97	20.90
15	64QAM	36	39	20.15	20.40	20.41	20.05	19.94	20.90
15	64QAM	75	0	20.07	20.32	20.37	20.09	20.01	20.90
15	256QAM	1	0	18.51	18.63	18.66	18.64	18.28	19.90
15	256QAM	1	37	18.37	18.63	18.65	18.46	18.34	19.90
15	256QAM	1	74	18.40	18.76	18.68	18.23	18.51	19.90
15	256QAM	36	0	18.76	18.84	18.97	18.76	18.42	19.90
15	256QAM	36	20	18.59	18.86	18.89	18.70	18.45	19.90
15	256QAM	36	39	18.60	18.86	18.91	18.62	18.57	19.90
15	256QAM	75	0	18.68	18.85	18.88	18.60	18.47	19.90
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.44	20.65	20.68	20.69	20.31	20.90
10	QPSK	1	25	20.43	20.67	20.71	20.45	20.30	20.90
10	QPSK	1	49	20.47	20.69	20.74	20.32	20.30	20.90

10	QPSK	25	0	20.41	20.67	20.72	20.60	20.31	20.90
10	QPSK	25	12	20.41	20.68	20.67	20.46	20.30	20.90
10	QPSK	25	25	20.50	20.70	20.62	20.34	20.30	20.90
10	QPSK	50	0	20.45	20.66	20.65	20.49	20.30	20.90
10	16QAM	1	0	20.58	20.70	20.71	20.70	20.30	20.90
10	16QAM	1	25	20.58	20.70	20.72	20.59	20.30	20.90
10	16QAM	1	49	20.45	20.69	20.74	20.31	20.30	20.90
10	16QAM	25	0	20.47	20.70	20.73	20.68	20.32	20.90
10	16QAM	25	12	20.44	20.70	20.74	20.62	20.30	20.90
10	16QAM	25	25	20.56	20.69	20.74	20.45	20.30	20.90
10	16QAM	50	0	20.57	20.69	20.75	20.56	20.30	20.90
10	64QAM	1	0	20.31	20.30	20.38	20.35	20.30	20.90
10	64QAM	1	25	20.30	20.30	20.34	20.31	20.31	20.90
10	64QAM	1	49	20.31	20.43	20.36	20.30	20.31	20.90
10	64QAM	25	0	20.14	20.23	20.34	20.21	19.91	20.90
10	64QAM	25	12	20.09	20.22	20.34	20.11	19.96	20.90
10	64QAM	25	25	20.06	20.39	20.28	20.03	20.06	20.90
10	64QAM	50	0	20.10	20.33	20.34	20.08	19.99	20.90
10	256QAM	1	0	18.42	18.51	18.64	18.63	18.28	19.90
10	256QAM	1	25	18.40	18.62	18.55	18.51	18.28	19.90
10	256QAM	1	49	18.48	18.79	18.61	18.21	18.54	19.90
10	256QAM	25	0	18.76	18.80	18.92	18.79	18.46	19.90
10	256QAM	25	12	18.68	18.77	18.86	18.77	18.54	19.90
10	256QAM	25	25	18.61	18.95	18.93	18.60	18.56	19.90
10	256QAM	50	0	18.64	18.77	18.82	18.60	18.51	19.90
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.56	20.67	20.68	20.69	20.31	20.90
5	QPSK	1	12	20.43	20.66	20.64	20.52	20.31	20.90
5	QPSK	1	24	20.43	20.70	20.74	20.30	20.31	20.90
5	QPSK	12	0	20.53	20.62	20.69	20.60	20.31	20.90
5	QPSK	12	7	20.43	20.56	20.66	20.46	20.32	20.90
5	QPSK	12	13	20.37	20.68	20.68	20.30	20.30	20.90
5	QPSK	25	0	20.45	20.67	20.74	20.49	20.31	20.90
5	16QAM	1	0	20.56	20.62	20.70	20.73	20.30	20.90
5	16QAM	1	12	20.56	20.69	20.79	20.62	20.30	20.90
5	16QAM	1	24	20.50	20.70	20.71	20.31	20.30	20.90
5	16QAM	12	0	20.52	20.65	20.78	20.67	20.31	20.90
5	16QAM	12	7	20.53	20.68	20.76	20.54	20.30	20.90
5	16QAM	12	13	20.51	20.70	20.79	20.38	20.30	20.90
5	16QAM	25	0	20.56	20.69	20.74	20.50	20.30	20.90
5	64QAM	1	0	20.32	20.30	20.36	20.30	20.30	20.90
5	64QAM	1	12	20.32	20.31	20.42	20.31	20.32	20.90
5	64QAM	1	24	20.31	20.49	20.35	20.31	20.30	20.90
5	64QAM	12	0	20.17	20.22	20.38	20.16	19.91	20.90
5	64QAM	12	7	20.15	20.33	20.29	20.14	19.91	20.90
5	64QAM	12	13	20.05	20.39	20.31	20.04	20.06	20.90
5	64QAM	25	0	20.04	20.33	20.29	20.07	19.92	20.90
5	256QAM	1	0	18.52	18.52	18.62	18.64	18.17	19.90
5	256QAM	1	12	18.36	18.63	18.56	18.45	18.27	19.90
5	256QAM	1	24	18.38	18.79	18.71	18.21	18.48	19.90
5	256QAM	12	0	18.65	18.85	18.98	18.81	18.43	19.90
5	256QAM	12	7	18.63	18.87	18.82	18.74	18.49	19.90
5	256QAM	12	13	18.68	18.98	18.95	18.61	18.55	19.90
5	256QAM	25	0	18.66	18.88	18.80	18.70	18.43	19.90

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.40	20.56	20.46	20.57	20.41	21.30
20	QPSK	1	49	20.22	20.43	20.30	19.73	20.16	21.30
20	QPSK	1	99	20.39	20.55	20.04	19.65	20.39	21.30
20	QPSK	50	0	20.31	20.55	20.30	20.56	20.30	21.30
20	QPSK	50	24	20.22	20.46	20.26	19.77	20.19	21.30
20	QPSK	50	50	20.23	20.44	20.26	19.88	20.26	21.30

20	QPSK	100	0	20.25	20.48	20.33	19.82	20.21	21.30
20	16QAM	1	0	20.21	20.47	20.50	20.15	20.18	21.30
20	16QAM	1	49	20.30	20.51	20.41	19.82	20.29	21.30
20	16QAM	1	99	20.48	20.47	20.13	19.75	20.47	21.30
20	16QAM	50	0	20.23	20.47	20.53	19.95	20.20	21.30
20	16QAM	50	24	20.27	20.50	20.42	19.83	20.25	21.30
20	16QAM	50	50	20.38	20.50	20.22	19.75	20.35	21.30
20	16QAM	100	0	20.33	20.54	20.37	19.88	20.28	21.30
20	64QAM	1	0	19.83	20.10	20.19	19.77	19.79	21.30
20	64QAM	1	49	19.94	20.16	20.03	19.42	19.88	21.30
20	64QAM	1	99	20.12	20.29	19.75	19.37	20.09	21.30
20	64QAM	50	0	20.26	20.49	20.46	19.97	20.22	21.30
20	64QAM	50	24	20.30	20.54	20.44	19.86	20.27	21.30
20	64QAM	50	50	20.39	20.52	20.25	19.75	20.38	21.30
20	64QAM	100	0	20.36	20.48	20.41	19.91	20.34	21.30
20	256QAM	1	0	19.00	18.95	18.94	19.10	18.91	20.30
20	256QAM	1	49	19.04	19.05	19.06	19.20	19.09	20.30
20	256QAM	1	99	18.92	18.95	18.97	19.11	18.93	20.30
20	256QAM	50	0	18.93	18.96	18.93	19.13	19.00	20.30
20	256QAM	50	24	18.99	18.96	18.96	19.14	19.02	20.30
20	256QAM	50	50	18.98	18.99	18.97	19.15	18.98	20.30
20	256QAM	100	0	19.05	19.03	19.05	19.16	18.99	20.30
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.22	20.41	20.27	19.92	20.26	21.30
15	QPSK	1	37	20.03	20.24	20.10	19.55	20.03	21.30
15	QPSK	1	74	20.28	20.38	19.90	19.54	20.23	21.30
15	QPSK	36	0	20.09	20.24	20.15	19.76	19.96	21.30
15	QPSK	36	20	20.04	20.32	20.11	19.61	20.03	21.30
15	QPSK	36	39	20.18	20.36	20.20	19.76	20.18	21.30
15	QPSK	75	0	20.05	20.35	20.16	19.63	20.05	21.30
15	16QAM	1	0	20.05	20.36	20.33	20.04	20.06	21.30
15	16QAM	1	37	20.14	20.31	20.26	19.68	20.10	21.30
15	16QAM	1	74	20.29	20.34	19.93	19.57	20.37	21.30
15	16QAM	36	0	20.12	20.32	20.39	19.80	20.03	21.30
15	16QAM	36	20	20.08	20.30	20.25	19.67	20.11	21.30
15	16QAM	36	39	20.28	20.40	20.07	19.62	20.25	21.30
15	16QAM	75	0	20.14	20.35	20.18	19.75	20.14	21.30
15	64QAM	1	0	19.69	20.00	20.08	19.61	19.62	21.30
15	64QAM	1	37	19.83	20.05	19.92	19.38	19.78	21.30
15	64QAM	1	74	19.94	20.16	19.62	19.35	19.90	21.30
15	64QAM	36	0	20.14	20.32	20.26	19.77	20.05	21.30
15	64QAM	36	20	20.13	20.39	20.29	19.70	20.13	21.30
15	64QAM	36	39	20.29	20.38	20.10	19.58	20.18	21.30
15	64QAM	75	0	20.20	20.35	20.22	19.74	20.14	21.30
15	256QAM	1	0	18.90	18.79	18.80	19.00	18.74	20.30
15	256QAM	1	37	18.90	18.95	18.88	19.03	18.97	20.30
15	256QAM	1	74	18.77	18.75	18.78	18.93	18.75	20.30
15	256QAM	36	0	18.79	18.82	18.73	18.98	18.84	20.30
15	256QAM	36	20	18.81	18.84	18.85	19.00	18.86	20.30
15	256QAM	36	39	18.87	18.85	18.87	18.99	18.86	20.30
15	256QAM	75	0	18.90	18.84	18.85	19.00	18.85	20.30
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.27	20.43	20.31	19.89	20.30	21.30
10	QPSK	1	25	20.03	20.25	20.20	19.56	19.99	21.30
10	QPSK	1	49	20.22	20.45	19.91	19.50	20.19	21.30
10	QPSK	25	0	20.04	20.23	20.13	19.72	19.99	21.30
10	QPSK	25	12	20.09	20.30	20.12	19.62	20.03	21.30
10	QPSK	25	25	20.11	20.40	20.19	19.80	20.17	21.30
10	QPSK	50	0	20.09	20.34	20.20	19.70	20.04	21.30
10	16QAM	1	0	20.03	20.29	20.33	20.03	20.03	21.30
10	16QAM	1	25	20.18	20.40	20.29	19.68	20.11	21.30
10	16QAM	1	49	20.38	20.32	19.99	19.55	20.31	21.30
10	16QAM	25	0	20.03	20.35	20.38	19.77	20.03	21.30
10	16QAM	25	12	20.15	20.40	20.22	19.69	20.05	21.30
10	16QAM	25	25	20.25	20.34	20.04	19.65	20.19	21.30
10	16QAM	50	0	20.20	20.34	20.17	19.70	20.10	21.30
10	64QAM	1	0	19.64	19.97	20.06	19.62	19.68	21.30
10	64QAM	1	25	19.82	20.03	19.83	19.30	19.77	21.30
10	64QAM	1	49	19.92	20.12	19.65	19.38	19.95	21.30
10	64QAM	25	0	20.12	20.34	20.26	19.79	20.07	21.30
10	64QAM	25	12	20.10	20.37	20.32	19.70	20.08	21.30
10	64QAM	25	25	20.27	20.32	20.06	19.59	20.20	21.30
10	64QAM	50	0	20.23	20.33	20.28	19.78	20.20	21.30
10	256QAM	1	0	18.90	18.75	18.82	18.93	18.77	20.30

10	256QAM	1	25	18.85	18.94	18.91	19.02	18.94	20.30
10	256QAM	1	49	18.77	18.79	18.82	18.95	18.73	20.30
10	256QAM	25	0	18.83	18.83	18.74	18.99	18.89	20.30
10	256QAM	25	12	18.81	18.82	18.77	18.95	18.91	20.30
10	256QAM	25	25	18.79	18.84	18.77	19.01	18.87	20.30
10	256QAM	50	0	18.95	18.86	18.89	19.01	18.84	20.30
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.30	20.43	20.29	19.91	20.22	21.30
5	QPSK	1	12	20.06	20.32	20.15	19.61	20.03	21.30
5	QPSK	1	24	20.20	20.42	19.91	19.52	20.23	21.30
5	QPSK	12	0	20.09	20.26	20.09	19.79	20.03	21.30
5	QPSK	12	7	20.02	20.34	20.09	19.59	20.05	21.30
5	QPSK	12	13	20.16	20.38	20.16	19.79	20.13	21.30
5	QPSK	25	0	20.12	20.38	20.19	19.62	20.09	21.30
5	16QAM	1	0	20.01	20.31	20.30	19.99	20.08	21.30
5	16QAM	1	12	20.15	20.36	20.26	19.72	20.09	21.30
5	16QAM	1	24	20.30	20.27	20.00	19.62	20.29	21.30
5	16QAM	12	0	20.03	20.27	20.42	19.76	20.01	21.30
5	16QAM	12	7	20.17	20.33	20.24	19.68	20.09	21.30
5	16QAM	12	13	20.27	20.34	20.03	19.55	20.15	21.30
5	16QAM	25	0	20.13	20.42	20.17	19.78	20.14	21.30
5	64QAM	1	0	19.72	19.95	19.99	19.66	19.59	21.30
5	64QAM	1	12	19.80	20.01	19.86	19.33	19.75	21.30
5	64QAM	1	24	19.94	20.19	19.58	19.35	19.89	21.30
5	64QAM	12	0	20.06	20.30	20.30	19.86	20.08	21.30
5	64QAM	12	7	20.20	20.35	20.28	19.75	20.08	21.30
5	64QAM	12	13	20.26	20.41	20.07	19.56	20.20	21.30
5	64QAM	25	0	20.18	20.29	20.31	19.78	20.24	21.30
5	256QAM	1	0	18.80	18.79	18.80	18.90	18.71	20.30
5	256QAM	1	12	18.93	18.92	18.91	19.02	18.90	20.30
5	256QAM	1	24	18.80	18.76	18.87	18.92	18.76	20.30
5	256QAM	12	0	18.75	18.77	18.77	19.03	18.88	20.30
5	256QAM	12	7	18.83	18.84	18.83	19.01	18.87	20.30
5	256QAM	12	13	18.82	18.87	18.82	19.03	18.79	20.30
5	256QAM	25	0	18.90	18.85	18.89	19.03	18.89	20.30

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.40	20.56	20.46	20.57	20.41	21.30
20	QPSK	1	49	20.22	20.43	20.30	19.73	20.16	21.30
20	QPSK	1	99	20.39	20.55	20.04	19.65	20.39	21.30
20	QPSK	50	0	20.31	20.55	20.30	20.56	20.30	21.30
20	QPSK	50	24	20.22	20.46	20.26	19.77	20.19	21.30
20	QPSK	50	50	20.23	20.44	20.26	19.88	20.26	21.30
20	QPSK	100	0	20.25	20.48	20.33	19.82	20.21	21.30
20	16QAM	1	0	20.21	20.47	20.50	20.15	20.18	21.30
20	16QAM	1	49	20.30	20.51	20.41	19.82	20.29	21.30
20	16QAM	1	99	20.48	20.47	20.13	19.75	20.47	21.30
20	16QAM	50	0	20.23	20.47	20.53	19.95	20.20	21.30
20	16QAM	50	24	20.27	20.50	20.42	19.83	20.25	21.30
20	16QAM	50	50	20.38	20.50	20.22	19.75	20.35	21.30
20	16QAM	100	0	20.33	20.54	20.37	19.88	20.28	21.30
20	64QAM	1	0	19.83	20.10	20.19	19.77	19.79	21.30
20	64QAM	1	49	19.94	20.16	20.03	19.42	19.88	21.30
20	64QAM	1	99	20.12	20.29	19.75	19.37	20.09	21.30
20	64QAM	50	0	20.26	20.49	20.46	19.97	20.22	21.30
20	64QAM	50	24	20.30	20.54	20.44	19.86	20.27	21.30
20	64QAM	50	50	20.39	20.52	20.25	19.75	20.38	21.30
20	64QAM	100	0	20.36	20.48	20.41	19.91	20.34	21.30
20	256QAM	1	0	19.00	18.95	18.94	19.10	18.91	20.30
20	256QAM	1	49	19.04	19.05	19.06	19.20	19.09	20.30
20	256QAM	1	99	18.92	18.95	18.97	19.11	18.93	20.30
20	256QAM	50	0	18.93	18.96	18.93	19.13	19.00	20.30
20	256QAM	50	24	18.99	18.96	18.96	19.14	19.02	20.30
20	256QAM	50	50	18.98	18.99	18.97	19.15	18.98	20.30
20	256QAM	100	0	19.05	19.03	19.05	19.16	18.99	20.30
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	

									(dBm)
15	QPSK	1	0	20.22	20.41	20.27	19.92	20.26	21.30
15	QPSK	1	37	20.03	20.24	20.10	19.55	20.03	21.30
15	QPSK	1	74	20.28	20.38	19.90	19.54	20.23	21.30
15	QPSK	36	0	20.09	20.24	20.15	19.76	19.96	21.30
15	QPSK	36	20	20.04	20.32	20.11	19.61	20.03	21.30
15	QPSK	36	39	20.18	20.36	20.20	19.76	20.18	21.30
15	QPSK	75	0	20.05	20.35	20.16	19.63	20.05	21.30
15	16QAM	1	0	20.05	20.36	20.33	20.04	20.06	21.30
15	16QAM	1	37	20.14	20.31	20.26	19.68	20.10	21.30
15	16QAM	1	74	20.29	20.34	19.93	19.57	20.37	21.30
15	16QAM	36	0	20.12	20.32	20.39	19.80	20.03	21.30
15	16QAM	36	20	20.08	20.30	20.25	19.67	20.11	21.30
15	16QAM	36	39	20.28	20.40	20.07	19.62	20.25	21.30
15	16QAM	75	0	20.14	20.35	20.18	19.75	20.14	21.30
15	64QAM	1	0	19.69	20.00	20.08	19.61	19.62	21.30
15	64QAM	1	37	19.83	20.05	19.92	19.38	19.78	21.30
15	64QAM	1	74	19.94	20.16	19.62	19.35	19.90	21.30
15	64QAM	36	0	20.14	20.32	20.26	19.77	20.05	21.30
15	64QAM	36	20	20.13	20.39	20.29	19.70	20.13	21.30
15	64QAM	36	39	20.29	20.38	20.10	19.58	20.18	21.30
15	64QAM	75	0	20.20	20.35	20.22	19.74	20.14	21.30
15	256QAM	1	0	18.90	18.79	18.80	19.00	18.74	20.30
15	256QAM	1	37	18.90	18.95	18.88	19.03	18.97	20.30
15	256QAM	1	74	18.77	18.75	18.78	18.93	18.75	20.30
15	256QAM	36	0	18.79	18.82	18.73	18.98	18.84	20.30
15	256QAM	36	20	18.81	18.84	18.85	19.00	18.86	20.30
15	256QAM	36	39	18.87	18.85	18.87	18.99	18.86	20.30
15	256QAM	75	0	18.90	18.84	18.85	19.00	18.85	20.30
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.27	20.43	20.31	19.89	20.30	21.30
10	QPSK	1	25	20.03	20.25	20.20	19.56	19.99	21.30
10	QPSK	1	49	20.22	20.45	19.91	19.50	20.19	21.30
10	QPSK	25	0	20.04	20.23	20.13	19.72	19.99	21.30
10	QPSK	25	12	20.09	20.30	20.12	19.62	20.03	21.30
10	QPSK	25	25	20.11	20.40	20.19	19.80	20.17	21.30
10	QPSK	50	0	20.09	20.34	20.20	19.70	20.04	21.30
10	16QAM	1	0	20.03	20.29	20.33	20.03	20.03	21.30
10	16QAM	1	25	20.18	20.40	20.29	19.68	20.11	21.30
10	16QAM	1	49	20.38	20.32	19.99	19.55	20.31	21.30
10	16QAM	25	0	20.03	20.35	20.38	19.77	20.03	21.30
10	16QAM	25	12	20.15	20.40	20.22	19.69	20.05	21.30
10	16QAM	25	25	20.25	20.34	20.04	19.65	20.19	21.30
10	16QAM	50	0	20.20	20.34	20.17	19.70	20.10	21.30
10	64QAM	1	0	19.64	19.97	20.06	19.62	19.68	21.30
10	64QAM	1	25	19.82	20.03	19.83	19.30	19.77	21.30
10	64QAM	1	49	19.92	20.12	19.65	19.38	19.95	21.30
10	64QAM	25	0	20.12	20.34	20.26	19.79	20.07	21.30
10	64QAM	25	12	20.10	20.37	20.32	19.70	20.08	21.30
10	64QAM	25	25	20.27	20.32	20.06	19.59	20.20	21.30
10	64QAM	50	0	20.23	20.33	20.28	19.78	20.20	21.30
10	256QAM	1	0	18.90	18.75	18.82	18.93	18.77	20.30
10	256QAM	1	25	18.85	18.94	18.91	19.02	18.94	20.30
10	256QAM	1	49	18.77	18.79	18.82	18.95	18.73	20.30
10	256QAM	25	0	18.83	18.83	18.74	18.99	18.89	20.30
10	256QAM	25	12	18.81	18.82	18.77	18.95	18.91	20.30
10	256QAM	25	25	18.79	18.84	18.77	19.01	18.87	20.30
10	256QAM	50	0	18.95	18.86	18.89	19.01	18.84	20.30
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.30	20.43	20.29	19.91	20.22	21.30
5	QPSK	1	12	20.06	20.32	20.15	19.61	20.03	21.30
5	QPSK	1	24	20.20	20.42	19.91	19.52	20.23	21.30
5	QPSK	12	0	20.09	20.26	20.09	19.79	20.03	21.30
5	QPSK	12	7	20.02	20.34	20.09	19.59	20.05	21.30
5	QPSK	12	13	20.16	20.38	20.16	19.79	20.13	21.30
5	QPSK	25	0	20.12	20.38	20.19	19.62	20.09	21.30
5	16QAM	1	0	20.01	20.31	20.30	19.99	20.08	21.30
5	16QAM	1	12	20.15	20.36	20.26	19.72	20.09	21.30
5	16QAM	1	24	20.30	20.27	20.00	19.62	20.29	21.30
5	16QAM	12	0	20.03	20.27	20.42	19.76	20.01	21.30
5	16QAM	12	7	20.17	20.33	20.24	19.68	20.09	21.30
5	16QAM	12	13	20.27	20.34	20.03	19.55	20.15	21.30
5	16QAM	25	0	20.13	20.42	20.17	19.78	20.14	21.30
5	64QAM	1	0	19.72	19.95	19.99	19.66	19.59	21.30

5	64QAM	1	12	19.80	20.01	19.86	19.33	19.75	21.30
5	64QAM	1	24	19.94	20.19	19.58	19.35	19.89	21.30
5	64QAM	12	0	20.06	20.30	20.30	19.86	20.08	21.30
5	64QAM	12	7	20.20	20.35	20.28	19.75	20.08	21.30
5	64QAM	12	13	20.26	20.41	20.07	19.56	20.20	21.30
5	64QAM	25	0	20.18	20.29	20.31	19.78	20.24	21.30
5	256QAM	1	0	18.80	18.79	18.80	18.90	18.71	20.30
5	256QAM	1	12	18.93	18.92	18.91	19.02	18.90	20.30
5	256QAM	1	24	18.80	18.76	18.87	18.92	18.76	20.30
5	256QAM	12	0	18.75	18.77	18.77	19.03	18.88	20.30
5	256QAM	12	7	18.83	18.84	18.83	19.01	18.87	20.30
5	256QAM	12	13	18.82	18.87	18.82	19.03	18.79	20.30
5	256QAM	25	0	18.90	18.85	18.89	19.03	18.89	20.30

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 6 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	17.80
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.37	17.64	17.71	17.28	17.32	17.80
20	QPSK	1	49	17.41	17.62	17.47	17.23	17.36	17.80
20	QPSK	1	99	17.63	17.80	17.25	17.45	17.61	17.80
20	QPSK	50	0	17.37	17.58	17.63	17.35	17.31	17.80
20	QPSK	50	24	17.38	17.59	17.49	17.23	17.33	17.80
20	QPSK	50	50	17.49	17.70	17.32	17.40	17.46	17.80
20	QPSK	100	0	17.44	17.64	17.46	17.26	17.37	17.80
20	16QAM	1	0	17.42	17.67	17.75	17.34	17.37	17.80
20	16QAM	1	49	17.48	17.68	17.53	17.26	17.44	17.80
20	16QAM	1	99	17.69	17.80	17.30	17.34	17.65	17.80
20	16QAM	50	0	17.42	17.66	17.68	17.30	17.38	17.80
20	16QAM	50	24	17.44	17.64	17.55	17.29	17.39	17.80
20	16QAM	50	50	17.56	17.76	17.38	17.32	17.51	17.80
20	16QAM	100	0	17.51	17.70	17.53	17.25	17.47	17.80
20	64QAM	1	0	17.20	17.29	17.39	17.30	17.20	17.80
20	64QAM	1	49	17.21	17.31	17.22	17.20	17.21	17.80
20	64QAM	1	99	17.34	17.48	17.20	17.39	17.30	17.80
20	64QAM	50	0	17.46	17.67	17.69	17.29	17.39	17.80
20	64QAM	50	24	17.47	17.70	17.59	17.21	17.44	17.80
20	64QAM	50	50	17.58	17.78	17.40	17.33	17.55	17.80
20	64QAM	100	0	17.55	17.74	17.57	17.39	17.49	17.80
20	256QAM	1	0	17.27	17.53	17.62	17.30	17.21	17.80
20	256QAM	1	49	17.35	17.54	17.40	17.32	17.27	17.80
20	256QAM	1	99	17.60	17.71	17.25	17.32	17.50	17.80
20	256QAM	50	0	17.51	17.75	17.78	17.23	17.47	17.80
20	256QAM	50	24	17.54	17.77	17.67	17.28	17.52	17.80
20	256QAM	50	50	17.65	17.80	17.48	17.39	17.60	17.80
20	256QAM	100	0	17.57	17.76	17.60	17.21	17.51	17.80
Channel				55315	55820	55990	56160	56665	17.80
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.28	17.53	17.60	17.21	17.20	17.80
15	QPSK	1	37	17.33	17.59	17.42	17.20	17.29	17.80
15	QPSK	1	74	17.37	17.64	17.21	17.28	17.32	17.80
15	QPSK	36	0	17.34	17.46	17.59	17.28	17.23	17.80
15	QPSK	36	20	17.32	17.56	17.47	17.20	17.21	17.80
15	QPSK	36	39	17.36	17.59	17.31	17.20	17.32	17.80
15	QPSK	75	0	17.37	17.57	17.43	17.24	17.26	17.80
15	16QAM	1	0	17.36	17.61	17.71	17.28	17.32	17.80
15	16QAM	1	37	17.37	17.63	17.39	17.20	17.32	17.80
15	16QAM	1	74	17.37	17.64	17.25	17.28	17.32	17.80
15	16QAM	36	0	17.36	17.53	17.55	17.20	17.32	17.80
15	16QAM	36	20	17.37	17.49	17.45	17.20	17.27	17.80
15	16QAM	36	39	17.37	17.63	17.25	17.23	17.32	17.80
15	16QAM	75	0	17.37	17.55	17.40	17.24	17.31	17.80
15	64QAM	1	0	17.20	17.23	17.29	17.27	17.20	17.80
15	64QAM	1	37	17.22	17.21	17.20	17.20	17.20	17.80
15	64QAM	1	74	17.26	17.42	17.20	17.28	17.20	17.80
15	64QAM	36	0	17.37	17.59	17.54	17.21	17.31	17.80
15	64QAM	36	20	17.37	17.63	17.57	17.20	17.32	17.80
15	64QAM	36	39	17.36	17.64	17.30	17.25	17.31	17.80
15	64QAM	75	0	17.36	17.64	17.43	17.26	17.32	17.80
15	256QAM	1	0	17.21	17.50	17.60	17.22	17.21	17.80
15	256QAM	1	37	17.33	17.51	17.39	17.21	17.22	17.80

15	256QAM	1	74	17.37	17.59	17.20	17.25	17.30	17.80
15	256QAM	36	0	17.37	17.64	17.65	17.20	17.31	17.80
15	256QAM	36	20	17.37	17.64	17.54	17.20	17.31	17.80
15	256QAM	36	39	17.36	17.64	17.36	17.28	17.32	17.80
15	256QAM	75	0	17.37	17.62	17.53	17.21	17.32	17.80
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.34	17.51	17.69	17.23	17.20	17.80
10	QPSK	1	25	17.35	17.55	17.33	17.21	17.27	17.80
10	QPSK	1	49	17.36	17.64	17.20	17.27	17.32	17.80
10	QPSK	25	0	17.34	17.43	17.56	17.27	17.24	17.80
10	QPSK	25	12	17.26	17.51	17.41	17.20	17.23	17.80
10	QPSK	25	25	17.36	17.57	17.23	17.22	17.32	17.80
10	QPSK	50	0	17.37	17.53	17.41	17.21	17.25	17.80
10	16QAM	1	0	17.36	17.52	17.70	17.24	17.22	17.80
10	16QAM	1	25	17.36	17.64	17.49	17.20	17.31	17.80
10	16QAM	1	49	17.35	17.64	17.24	17.23	17.32	17.80
10	16QAM	25	0	17.37	17.54	17.57	17.20	17.24	17.80
10	16QAM	25	12	17.37	17.61	17.41	17.27	17.32	17.80
10	16QAM	25	25	17.36	17.61	17.34	17.27	17.31	17.80
10	16QAM	50	0	17.36	17.64	17.41	17.21	17.32	17.80
10	64QAM	1	0	17.20	17.22	17.34	17.26	17.20	17.80
10	64QAM	1	25	17.21	17.27	17.20	17.20	17.22	17.80
10	64QAM	1	49	17.20	17.43	17.21	17.26	17.22	17.80
10	64QAM	25	0	17.34	17.59	17.66	17.20	17.28	17.80
10	64QAM	25	12	17.36	17.59	17.45	17.20	17.30	17.80
10	64QAM	25	25	17.37	17.63	17.37	17.28	17.32	17.80
10	64QAM	50	0	17.37	17.64	17.51	17.28	17.32	17.80
10	256QAM	1	0	17.21	17.39	17.51	17.25	17.20	17.80
10	256QAM	1	25	17.23	17.42	17.36	17.28	17.20	17.80
10	256QAM	1	49	17.37	17.61	17.20	17.20	17.32	17.80
10	256QAM	25	0	17.37	17.63	17.70	17.21	17.32	17.80
10	256QAM	25	12	17.37	17.64	17.55	17.22	17.32	17.80
10	256QAM	25	25	17.36	17.64	17.37	17.27	17.32	17.80
10	256QAM	50	0	17.36	17.64	17.50	17.20	17.32	17.80
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.34	17.58	17.70	17.24	17.25	17.80
5	QPSK	1	12	17.37	17.48	17.34	17.21	17.24	17.80
5	QPSK	1	24	17.35	17.63	17.20	17.27	17.31	17.80
5	QPSK	12	0	17.27	17.44	17.59	17.28	17.20	17.80
5	QPSK	12	7	17.25	17.45	17.45	17.20	17.22	17.80
5	QPSK	12	13	17.36	17.62	17.21	17.20	17.31	17.80
5	QPSK	25	0	17.31	17.56	17.32	17.20	17.30	17.80
5	16QAM	1	0	17.34	17.64	17.60	17.24	17.24	17.80
5	16QAM	1	12	17.37	17.57	17.40	17.20	17.32	17.80
5	16QAM	1	24	17.36	17.64	17.24	17.28	17.31	17.80
5	16QAM	12	0	17.37	17.56	17.66	17.21	17.27	17.80
5	16QAM	12	7	17.34	17.52	17.51	17.23	17.29	17.80
5	16QAM	12	13	17.37	17.64	17.26	17.21	17.32	17.80
5	16QAM	25	0	17.37	17.63	17.42	17.22	17.32	17.80
5	64QAM	1	0	17.20	17.23	17.27	17.21	17.20	17.80
5	64QAM	1	12	17.20	17.21	17.21	17.20	17.20	17.80
5	64QAM	1	24	17.31	17.40	17.21	17.27	17.23	17.80
5	64QAM	12	0	17.35	17.57	17.57	17.20	17.32	17.80
5	64QAM	12	7	17.36	17.64	17.52	17.20	17.30	17.80
5	64QAM	12	13	17.37	17.62	17.35	17.20	17.32	17.80
5	64QAM	25	0	17.37	17.64	17.56	17.28	17.32	17.80
5	256QAM	1	0	17.24	17.48	17.52	17.27	17.21	17.80
5	256QAM	1	12	17.21	17.45	17.37	17.27	17.21	17.80
5	256QAM	1	24	17.36	17.63	17.20	17.28	17.32	17.80
5	256QAM	12	0	17.36	17.63	17.67	17.22	17.30	17.80
5	256QAM	12	7	17.37	17.64	17.53	17.20	17.32	17.80
5	256QAM	12	13	17.37	17.64	17.41	17.27	17.32	17.80
5	256QAM	25	0	17.37	17.64	17.46	17.21	17.32	17.80

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 6 ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	

20	QPSK	1	0	17.37	17.64	17.71	17.28	17.32	19.20
20	QPSK	1	49	17.41	17.62	17.47	17.23	17.36	19.20
20	QPSK	1	99	17.63	17.80	17.25	17.45	17.61	19.20
20	QPSK	50	0	17.37	17.58	17.63	17.35	17.31	19.20
20	QPSK	50	24	17.38	17.59	17.49	17.23	17.33	19.20
20	QPSK	50	50	17.49	17.70	17.32	17.40	17.46	19.20
20	QPSK	100	0	17.44	17.64	17.46	17.26	17.37	19.20
20	16QAM	1	0	17.42	17.67	17.75	17.34	17.37	19.20
20	16QAM	1	49	17.48	17.68	17.53	17.26	17.44	19.20
20	16QAM	1	99	17.69	17.80	17.30	17.34	17.65	19.20
20	16QAM	50	0	17.42	17.66	17.68	17.30	17.38	19.20
20	16QAM	50	24	17.44	17.64	17.55	17.29	17.39	19.20
20	16QAM	50	50	17.56	17.76	17.38	17.32	17.51	19.20
20	16QAM	100	0	17.51	17.70	17.53	17.25	17.47	19.20
20	64QAM	1	0	17.20	17.29	17.39	17.30	17.20	19.20
20	64QAM	1	49	17.21	17.31	17.22	17.20	17.21	19.20
20	64QAM	1	99	17.34	17.48	17.20	17.39	17.30	19.20
20	64QAM	50	0	17.46	17.67	17.69	17.29	17.39	19.20
20	64QAM	50	24	17.47	17.70	17.59	17.21	17.44	19.20
20	64QAM	50	50	17.58	17.78	17.40	17.33	17.55	19.20
20	64QAM	100	0	17.55	17.74	17.57	17.39	17.49	19.20
20	256QAM	1	0	17.27	17.53	17.62	17.30	17.21	19.20
20	256QAM	1	49	17.35	17.54	17.40	17.32	17.27	19.20
20	256QAM	1	99	17.60	17.71	17.25	17.32	17.50	19.20
20	256QAM	50	0	17.51	17.75	17.78	17.23	17.47	19.20
20	256QAM	50	24	17.54	17.77	17.67	17.28	17.52	19.20
20	256QAM	50	50	17.65	17.80	17.48	17.39	17.60	19.20
20	256QAM	100	0	17.57	17.76	17.60	17.21	17.51	19.20
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.28	17.53	17.60	17.21	17.20	19.20
15	QPSK	1	37	17.33	17.59	17.42	17.20	17.29	19.20
15	QPSK	1	74	17.37	17.64	17.21	17.28	17.32	19.20
15	QPSK	36	0	17.34	17.46	17.59	17.28	17.23	19.20
15	QPSK	36	20	17.32	17.56	17.47	17.20	17.21	19.20
15	QPSK	36	39	17.36	17.59	17.31	17.20	17.32	19.20
15	QPSK	75	0	17.37	17.57	17.43	17.24	17.26	19.20
15	16QAM	1	0	17.36	17.61	17.71	17.28	17.32	19.20
15	16QAM	1	37	17.37	17.63	17.39	17.20	17.32	19.20
15	16QAM	1	74	17.37	17.64	17.25	17.28	17.32	19.20
15	16QAM	36	0	17.36	17.53	17.55	17.20	17.32	19.20
15	16QAM	36	20	17.37	17.49	17.45	17.20	17.27	19.20
15	16QAM	36	39	17.37	17.63	17.25	17.23	17.32	19.20
15	16QAM	75	0	17.37	17.55	17.40	17.24	17.31	19.20
15	64QAM	1	0	17.20	17.23	17.29	17.27	17.20	19.20
15	64QAM	1	37	17.22	17.21	17.20	17.20	17.20	19.20
15	64QAM	1	74	17.26	17.42	17.20	17.28	17.20	19.20
15	64QAM	36	0	17.37	17.59	17.54	17.21	17.31	19.20
15	64QAM	36	20	17.37	17.63	17.57	17.20	17.32	19.20
15	64QAM	36	39	17.36	17.64	17.30	17.25	17.31	19.20
15	64QAM	75	0	17.36	17.64	17.43	17.26	17.32	19.20
15	256QAM	1	0	17.21	17.50	17.60	17.22	17.21	19.20
15	256QAM	1	37	17.33	17.51	17.39	17.21	17.22	19.20
15	256QAM	1	74	17.37	17.59	17.20	17.25	17.30	19.20
15	256QAM	36	0	17.37	17.64	17.65	17.20	17.31	19.20
15	256QAM	36	20	17.37	17.64	17.54	17.20	17.31	19.20
15	256QAM	36	39	17.36	17.64	17.36	17.28	17.32	19.20
15	256QAM	75	0	17.37	17.62	17.53	17.21	17.32	19.20
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.34	17.51	17.69	17.23	17.20	19.20
10	QPSK	1	25	17.35	17.55	17.33	17.21	17.27	19.20
10	QPSK	1	49	17.36	17.64	17.20	17.27	17.32	19.20
10	QPSK	25	0	17.34	17.43	17.56	17.27	17.24	19.20
10	QPSK	25	12	17.26	17.51	17.41	17.20	17.23	19.20
10	QPSK	25	25	17.36	17.57	17.23	17.22	17.32	19.20
10	QPSK	50	0	17.37	17.53	17.41	17.21	17.25	19.20
10	16QAM	1	0	17.36	17.52	17.70	17.24	17.22	19.20
10	16QAM	1	25	17.36	17.64	17.49	17.20	17.31	19.20
10	16QAM	1	49	17.35	17.64	17.24	17.23	17.32	19.20
10	16QAM	25	0	17.37	17.54	17.57	17.20	17.24	19.20
10	16QAM	25	12	17.37	17.61	17.41	17.27	17.32	19.20
10	16QAM	25	25	17.36	17.61	17.34	17.27	17.31	19.20
10	16QAM	50	0	17.36	17.64	17.41	17.21	17.32	19.20
10	64QAM	1	0	17.20	17.22	17.34	17.26	17.20	19.20
10	64QAM	1	25	17.21	17.27	17.20	17.20	17.22	19.20

10	64QAM	1	49	17.20	17.43	17.21	17.26	17.22	19.20
10	64QAM	25	0	17.34	17.59	17.66	17.20	17.28	19.20
10	64QAM	25	12	17.36	17.59	17.45	17.20	17.30	19.20
10	64QAM	25	25	17.37	17.63	17.37	17.28	17.32	19.20
10	64QAM	50	0	17.37	17.64	17.51	17.28	17.32	19.20
10	256QAM	1	0	17.21	17.39	17.51	17.25	17.20	19.20
10	256QAM	1	25	17.23	17.42	17.36	17.28	17.20	19.20
10	256QAM	1	49	17.37	17.61	17.20	17.20	17.32	19.20
10	256QAM	25	0	17.37	17.63	17.70	17.21	17.32	19.20
10	256QAM	25	12	17.37	17.64	17.55	17.22	17.32	19.20
10	256QAM	25	25	17.36	17.64	17.37	17.27	17.32	19.20
10	256QAM	50	0	17.36	17.64	17.50	17.20	17.32	19.20
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.34	17.58	17.70	17.24	17.25	19.20
5	QPSK	1	12	17.37	17.48	17.34	17.21	17.24	19.20
5	QPSK	1	24	17.35	17.63	17.20	17.27	17.31	19.20
5	QPSK	12	0	17.27	17.44	17.59	17.28	17.20	19.20
5	QPSK	12	7	17.25	17.45	17.45	17.20	17.22	19.20
5	QPSK	12	13	17.36	17.62	17.21	17.20	17.31	19.20
5	QPSK	25	0	17.31	17.56	17.32	17.20	17.30	19.20
5	16QAM	1	0	17.34	17.64	17.60	17.24	17.24	19.20
5	16QAM	1	12	17.37	17.57	17.40	17.20	17.32	19.20
5	16QAM	1	24	17.36	17.64	17.24	17.28	17.31	19.20
5	16QAM	12	0	17.37	17.56	17.66	17.21	17.27	19.20
5	16QAM	12	7	17.34	17.52	17.51	17.23	17.29	19.20
5	16QAM	12	13	17.37	17.64	17.26	17.21	17.32	19.20
5	16QAM	25	0	17.37	17.63	17.42	17.22	17.32	19.20
5	64QAM	1	0	17.20	17.23	17.27	17.21	17.20	19.20
5	64QAM	1	12	17.20	17.21	17.21	17.20	17.20	19.20
5	64QAM	1	24	17.31	17.40	17.21	17.27	17.23	19.20
5	64QAM	12	0	17.35	17.57	17.57	17.20	17.32	19.20
5	64QAM	12	7	17.36	17.64	17.52	17.20	17.30	19.20
5	64QAM	12	13	17.37	17.62	17.35	17.20	17.32	19.20
5	64QAM	25	0	17.37	17.64	17.56	17.28	17.32	19.20
5	256QAM	1	0	17.24	17.48	17.52	17.27	17.21	19.20
5	256QAM	1	12	17.21	17.45	17.37	17.27	17.21	19.20
5	256QAM	1	24	17.36	17.63	17.20	17.28	17.32	19.20
5	256QAM	12	0	17.36	17.63	17.67	17.22	17.30	19.20
5	256QAM	12	7	17.37	17.64	17.53	17.20	17.32	19.20
5	256QAM	12	13	17.37	17.64	17.41	17.27	17.32	19.20
5	256QAM	25	0	17.37	17.64	17.46	17.21	17.32	19.20

【LTE Band 48_FCC_Part 96_IC_RSS-192 (3550~3700MHz) Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.37	17.64	17.71	17.28	17.32	17.80
20	QPSK	1	49	17.41	17.62	17.47	17.23	17.36	17.80
20	QPSK	1	99	17.63	17.80	17.25	17.45	17.61	17.80
20	QPSK	50	0	17.37	17.58	17.63	17.35	17.31	17.80
20	QPSK	50	24	17.38	17.59	17.49	17.23	17.33	17.80
20	QPSK	50	50	17.49	17.70	17.32	17.40	17.46	17.80
20	QPSK	100	0	17.44	17.64	17.46	17.26	17.37	17.80
20	16QAM	1	0	17.42	17.67	17.75	17.34	17.37	17.80
20	16QAM	1	49	17.48	17.68	17.53	17.26	17.44	17.80
20	16QAM	1	99	17.69	17.80	17.30	17.34	17.65	17.80
20	16QAM	50	0	17.42	17.66	17.68	17.30	17.38	17.80
20	16QAM	50	24	17.44	17.64	17.55	17.29	17.39	17.80
20	16QAM	50	50	17.56	17.76	17.38	17.32	17.51	17.80
20	16QAM	100	0	17.51	17.70	17.53	17.25	17.47	17.80
20	64QAM	1	0	17.20	17.29	17.39	17.30	17.20	17.80
20	64QAM	1	49	17.21	17.31	17.22	17.20	17.21	17.80
20	64QAM	1	99	17.34	17.48	17.20	17.39	17.30	17.80
20	64QAM	50	0	17.46	17.67	17.69	17.29	17.39	17.80
20	64QAM	50	24	17.47	17.70	17.59	17.21	17.44	17.80
20	64QAM	50	50	17.58	17.78	17.40	17.33	17.55	17.80
20	64QAM	100	0	17.55	17.74	17.57	17.39	17.49	17.80
20	256QAM	1	0	17.27	17.53	17.62	17.30	17.21	17.80
20	256QAM	1	49	17.35	17.54	17.40	17.32	17.27	17.80
20	256QAM	1	99	17.60	17.71	17.25	17.32	17.50	17.80



FCC SAR TEST REPORT

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20	256QAM	50	0	17.51	17.75	17.78	17.23	17.47	17.80
20	256QAM	50	24	17.54	17.77	17.67	17.28	17.52	17.80
20	256QAM	50	50	17.65	17.80	17.48	17.39	17.60	17.80
20	256QAM	100	0	17.57	17.76	17.60	17.21	17.51	17.80
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.28	17.53	17.60	17.21	17.20	17.80
15	QPSK	1	37	17.33	17.59	17.42	17.20	17.29	17.80
15	QPSK	1	74	17.37	17.64	17.21	17.28	17.32	17.80
15	QPSK	36	0	17.34	17.46	17.59	17.28	17.23	17.80
15	QPSK	36	20	17.32	17.56	17.47	17.20	17.21	17.80
15	QPSK	36	39	17.36	17.59	17.31	17.20	17.32	17.80
15	QPSK	75	0	17.37	17.57	17.43	17.24	17.26	17.80
15	16QAM	1	0	17.36	17.61	17.71	17.28	17.32	17.80
15	16QAM	1	37	17.37	17.63	17.39	17.20	17.32	17.80
15	16QAM	1	74	17.37	17.64	17.25	17.28	17.32	17.80
15	16QAM	36	0	17.36	17.53	17.55	17.20	17.32	17.80
15	16QAM	36	20	17.37	17.49	17.45	17.20	17.27	17.80
15	16QAM	36	39	17.37	17.63	17.25	17.23	17.32	17.80
15	16QAM	75	0	17.37	17.55	17.40	17.24	17.31	17.80
15	64QAM	1	0	17.20	17.23	17.29	17.27	17.20	17.80
15	64QAM	1	37	17.22	17.21	17.20	17.20	17.20	17.80
15	64QAM	1	74	17.26	17.42	17.20	17.28	17.20	17.80
15	64QAM	36	0	17.37	17.59	17.54	17.21	17.31	17.80
15	64QAM	36	20	17.37	17.63	17.57	17.20	17.32	17.80
15	64QAM	36	39	17.36	17.64	17.30	17.25	17.31	17.80
15	64QAM	75	0	17.36	17.64	17.43	17.26	17.32	17.80
15	256QAM	1	0	17.21	17.50	17.60	17.22	17.21	17.80
15	256QAM	1	37	17.33	17.51	17.39	17.21	17.22	17.80
15	256QAM	1	74	17.37	17.59	17.20	17.25	17.30	17.80
15	256QAM	36	0	17.37	17.64	17.65	17.20	17.31	17.80
15	256QAM	36	20	17.37	17.64	17.54	17.20	17.31	17.80
15	256QAM	36	39	17.36	17.64	17.36	17.28	17.32	17.80
15	256QAM	75	0	17.37	17.62	17.53	17.21	17.32	17.80
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.34	17.51	17.69	17.23	17.20	17.80
10	QPSK	1	25	17.35	17.55	17.33	17.21	17.27	17.80
10	QPSK	1	49	17.36	17.64	17.20	17.27	17.32	17.80
10	QPSK	25	0	17.34	17.43	17.56	17.27	17.24	17.80
10	QPSK	25	12	17.26	17.51	17.41	17.20	17.23	17.80
10	QPSK	25	25	17.36	17.57	17.23	17.22	17.32	17.80
10	QPSK	50	0	17.37	17.53	17.41	17.21	17.25	17.80
10	16QAM	1	0	17.36	17.52	17.70	17.24	17.22	17.80
10	16QAM	1	25	17.36	17.64	17.49	17.20	17.31	17.80
10	16QAM	1	49	17.35	17.64	17.24	17.23	17.32	17.80
10	16QAM	25	0	17.37	17.54	17.57	17.20	17.24	17.80
10	16QAM	25	12	17.37	17.61	17.41	17.27	17.32	17.80
10	16QAM	25	25	17.36	17.61	17.34	17.27	17.31	17.80
10	16QAM	50	0	17.36	17.64	17.41	17.21	17.32	17.80
10	64QAM	1	0	17.20	17.22	17.34	17.26	17.20	17.80
10	64QAM	1	25	17.21	17.27	17.20	17.20	17.22	17.80
10	64QAM	1	49	17.20	17.43	17.21	17.26	17.22	17.80
10	64QAM	25	0	17.34	17.59	17.66	17.20	17.28	17.80
10	64QAM	25	12	17.36	17.59	17.45	17.20	17.30	17.80
10	64QAM	25	25	17.37	17.63	17.37	17.28	17.32	17.80
10	64QAM	50	0	17.37	17.64	17.51	17.28	17.32	17.80
10	256QAM	1	0	17.21	17.39	17.51	17.25	17.20	17.80
10	256QAM	1	25	17.23	17.42	17.36	17.28	17.20	17.80
10	256QAM	1	49	17.37	17.61	17.20	17.20	17.32	17.80
10	256QAM	25	0	17.37	17.63	17.70	17.21	17.32	17.80
10	256QAM	25	12	17.37	17.64	17.55	17.22	17.32	17.80
10	256QAM	25	25	17.36	17.64	17.37	17.27	17.32	17.80
10	256QAM	50	0	17.36	17.64	17.50	17.20	17.32	17.80
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.34	17.58	17.70	17.24	17.25	17.80
5	QPSK	1	12	17.37	17.48	17.34	17.21	17.24	17.80
5	QPSK	1	24	17.35	17.63	17.20	17.27	17.31	17.80
5	QPSK	12	0	17.27	17.44	17.59	17.28	17.20	17.80
5	QPSK	12	7	17.25	17.45	17.45	17.20	17.22	17.80
5	QPSK	12	13	17.36	17.62	17.21	17.20	17.31	17.80
5	QPSK	25	0	17.31	17.56	17.32	17.20	17.30	17.80
5	16QAM	1	0	17.34	17.64	17.60	17.24	17.24	17.80
5	16QAM	1	12	17.37	17.57	17.40	17.20	17.32	17.80

5	16QAM	1	24	17.36	17.64	17.24	17.28	17.31	17.80
5	16QAM	12	0	17.37	17.56	17.66	17.21	17.27	17.80
5	16QAM	12	7	17.34	17.52	17.51	17.23	17.29	17.80
5	16QAM	12	13	17.37	17.64	17.26	17.21	17.32	17.80
5	16QAM	25	0	17.37	17.63	17.42	17.22	17.32	17.80
5	64QAM	1	0	17.20	17.23	17.27	17.21	17.20	17.80
5	64QAM	1	12	17.20	17.21	17.21	17.20	17.20	17.80
5	64QAM	1	24	17.31	17.40	17.21	17.27	17.23	17.80
5	64QAM	12	0	17.35	17.57	17.57	17.20	17.32	17.80
5	64QAM	12	7	17.36	17.64	17.52	17.20	17.30	17.80
5	64QAM	12	13	17.37	17.62	17.35	17.20	17.32	17.80
5	64QAM	25	0	17.37	17.64	17.56	17.28	17.32	17.80
5	256QAM	1	0	17.24	17.48	17.52	17.27	17.21	17.80
5	256QAM	1	12	17.21	17.45	17.37	17.27	17.21	17.80
5	256QAM	1	24	17.36	17.63	17.20	17.28	17.32	17.80
5	256QAM	12	0	17.36	17.63	17.67	17.22	17.30	17.80
5	256QAM	12	7	17.37	17.64	17.53	17.20	17.32	17.80
5	256QAM	12	13	17.37	17.64	17.41	17.27	17.32	17.80
5	256QAM	25	0	17.37	17.64	17.46	17.21	17.32	17.80

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	20.30
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.87	18.98	18.93	18.99	18.80	20.30
20	QPSK	1	49	18.65	18.84	18.72	18.59	18.42	20.30
20	QPSK	1	99	18.86	18.90	18.50	18.55	18.70	20.30
20	QPSK	50	0	18.75	18.97	18.92	18.98	18.57	20.30
20	QPSK	50	24	18.65	18.85	18.76	18.64	18.44	20.30
20	QPSK	50	50	18.71	18.91	18.90	18.80	18.54	20.30
20	QPSK	100	0	18.71	18.89	18.76	18.70	18.47	20.30
20	16QAM	1	0	18.73	18.90	18.83	18.88	18.45	20.30
20	16QAM	1	49	18.77	18.91	18.81	18.69	18.50	20.30
20	16QAM	1	99	18.96	18.80	18.58	18.63	18.77	20.30
20	16QAM	50	0	18.70	18.89	18.97	18.85	18.45	20.30
20	16QAM	50	24	18.70	18.90	18.83	18.69	18.50	20.30
20	16QAM	50	50	18.81	18.89	18.66	18.60	18.62	20.30
20	16QAM	100	0	18.78	18.95	18.82	18.78	18.56	20.30
20	64QAM	1	0	18.31	18.50	18.62	18.68	18.34	20.30
20	64QAM	1	49	18.36	18.53	18.41	18.44	18.41	20.30
20	64QAM	1	99	18.55	18.71	18.33	18.46	18.38	20.30
20	64QAM	50	0	18.74	18.91	18.98	18.88	18.47	20.30
20	64QAM	50	24	18.75	18.95	18.87	18.73	18.53	20.30
20	64QAM	50	50	18.85	18.83	18.69	18.64	18.64	20.30
20	64QAM	100	0	18.83	18.89	18.85	18.80	18.59	20.30
20	256QAM	1	0	18.38	18.41	18.57	18.39	18.38	19.80
20	256QAM	1	49	18.42	18.41	18.55	18.42	18.43	19.80
20	256QAM	1	99	18.31	18.32	18.51	18.39	18.32	19.80
20	256QAM	50	0	18.32	18.44	18.48	18.30	18.36	19.80
20	256QAM	50	24	18.35	18.37	18.47	18.33	18.34	19.80
20	256QAM	50	50	18.37	18.31	18.49	18.31	18.37	19.80
20	256QAM	100	0	18.33	18.43	18.46	18.46	18.35	19.80
Channel				55315	55820	55990	56160	56665	20.30
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.77	18.86	18.85	18.93	18.73	20.30
15	QPSK	1	37	18.59	18.79	18.62	18.51	18.30	20.30
15	QPSK	1	74	18.80	18.78	18.42	18.49	18.63	20.30
15	QPSK	36	0	18.57	18.77	18.79	18.75	18.30	20.30
15	QPSK	36	20	18.53	18.79	18.66	18.53	18.34	20.30
15	QPSK	36	39	18.65	18.90	18.84	18.70	18.49	20.30
15	QPSK	75	0	18.63	18.77	18.71	18.58	18.37	20.30
15	16QAM	1	0	18.65	18.79	18.72	18.82	18.37	20.30
15	16QAM	1	37	18.71	18.85	18.70	18.59	18.38	20.30
15	16QAM	1	74	18.84	18.71	18.53	18.55	18.69	20.30
15	16QAM	36	0	18.59	18.78	18.90	18.79	18.36	20.30
15	16QAM	36	20	18.62	18.82	18.75	18.57	18.39	20.30

15	16QAM	36	39	18.70	18.77	18.57	18.51	18.53	20.30
15	16QAM	75	0	18.67	18.84	18.71	18.73	18.44	20.30
15	64QAM	1	0	18.35	18.45	18.56	18.60	18.30	20.30
15	64QAM	1	37	18.49	18.46	18.31	18.32	18.36	20.30
15	64QAM	1	74	18.49	18.59	18.33	18.38	18.33	20.30
15	64QAM	36	0	18.65	18.83	18.91	18.81	18.40	20.30
15	64QAM	36	20	18.65	18.86	18.76	18.64	18.47	20.30
15	64QAM	36	39	18.80	18.75	18.62	18.52	18.58	20.30
15	64QAM	75	0	18.75	18.81	18.73	18.72	18.50	20.30
15	256QAM	1	0	18.26	18.30	18.49	18.30	18.27	19.80
15	256QAM	1	37	18.31	18.35	18.43	18.32	18.37	19.80
15	256QAM	1	74	18.25	18.21	18.45	18.31	18.21	19.80
15	256QAM	36	0	18.24	18.39	18.41	18.21	18.24	19.80
15	256QAM	36	20	18.24	18.25	18.37	18.21	18.23	19.80
15	256QAM	36	39	18.25	18.22	18.41	18.24	18.25	19.80
15	256QAM	75	0	18.24	18.38	18.39	18.34	18.25	19.80
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.81	18.88	18.84	18.90	18.73	20.30
10	QPSK	1	25	18.58	18.79	18.60	18.51	18.32	20.30
10	QPSK	1	49	18.80	18.84	18.45	18.45	18.63	20.30
10	QPSK	25	0	18.55	18.75	18.80	18.69	18.33	20.30
10	QPSK	25	12	18.58	18.75	18.70	18.57	18.34	20.30
10	QPSK	25	25	18.69	18.87	18.85	18.71	18.50	20.30
10	QPSK	50	0	18.64	18.77	18.66	18.58	18.41	20.30
10	16QAM	1	0	18.61	18.82	18.78	18.81	18.33	20.30
10	16QAM	1	25	18.70	18.83	18.71	18.57	18.44	20.30
10	16QAM	1	49	18.88	18.72	18.53	18.53	18.68	20.30
10	16QAM	25	0	18.60	18.78	18.89	18.74	18.37	20.30
10	16QAM	25	12	18.61	18.81	18.72	18.60	18.42	20.30
10	16QAM	25	25	18.75	18.84	18.60	18.53	18.54	20.30
10	16QAM	50	0	18.66	18.86	18.70	18.72	18.44	20.30
10	64QAM	1	0	18.44	18.44	18.52	18.56	18.46	20.30
10	64QAM	1	25	18.30	18.47	18.34	18.37	18.34	20.30
10	64QAM	1	49	18.45	18.65	18.33	18.41	18.48	20.30
10	64QAM	25	0	18.67	18.86	18.87	18.78	18.40	20.30
10	64QAM	25	12	18.66	18.84	18.80	18.63	18.45	20.30
10	64QAM	25	25	18.76	18.77	18.62	18.57	18.56	20.30
10	64QAM	50	0	18.74	18.78	18.77	18.71	18.51	20.30
10	256QAM	1	0	18.27	18.34	18.49	18.29	18.31	19.80
10	256QAM	1	25	18.30	18.34	18.46	18.35	18.36	19.80
10	256QAM	1	49	18.24	18.21	18.44	18.31	18.21	19.80
10	256QAM	25	0	18.22	18.39	18.40	18.19	18.29	19.80
10	256QAM	25	12	18.30	18.25	18.35	18.25	18.29	19.80
10	256QAM	25	25	18.26	18.21	18.40	18.24	18.27	19.80
10	256QAM	50	0	18.22	18.38	18.35	18.37	18.28	19.80
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.82	18.90	18.88	18.94	18.74	20.30
5	QPSK	1	12	18.60	18.74	18.64	18.51	18.35	20.30
5	QPSK	1	24	18.77	18.80	18.43	18.46	18.63	20.30
5	QPSK	12	0	18.60	18.73	18.84	18.75	18.39	20.30
5	QPSK	12	7	18.58	18.76	18.66	18.55	18.32	20.30
5	QPSK	12	13	18.64	18.91	18.80	18.75	18.48	20.30
5	QPSK	25	0	18.60	18.84	18.69	18.59	18.41	20.30
5	16QAM	1	0	18.67	18.79	18.71	18.82	18.35	20.30
5	16QAM	1	12	18.72	18.85	18.76	18.62	18.40	20.30
5	16QAM	1	24	18.87	18.68	18.46	18.58	18.67	20.30
5	16QAM	12	0	18.59	18.79	18.90	18.77	18.34	20.30
5	16QAM	12	7	18.64	18.81	18.71	18.58	18.40	20.30
5	16QAM	12	13	18.73	18.83	18.54	18.53	18.55	20.30
5	16QAM	25	0	18.73	18.84	18.75	18.71	18.46	20.30
5	64QAM	1	0	18.40	18.42	18.57	18.62	18.37	20.30
5	64QAM	1	12	18.44	18.44	18.33	18.38	18.32	20.30
5	64QAM	1	24	18.47	18.64	18.33	18.37	18.36	20.30
5	64QAM	12	0	18.68	18.80	18.86	18.77	18.37	20.30
5	64QAM	12	7	18.63	18.89	18.80	18.64	18.43	20.30
5	64QAM	12	13	18.76	18.77	18.60	18.54	18.56	20.30
5	64QAM	25	0	18.76	18.77	18.80	18.68	18.54	20.30
5	256QAM	1	0	18.30	18.34	18.48	18.31	18.33	19.80
5	256QAM	1	12	18.34	18.30	18.49	18.31	18.31	19.80
5	256QAM	1	24	18.42	18.35	18.39	18.37	18.32	19.80
5	256QAM	12	0	18.43	18.35	18.43	18.33	18.31	19.80
5	256QAM	12	7	18.43	18.38	18.39	18.32	18.35	19.80
5	256QAM	12	13	18.41	18.40	18.44	18.35	18.36	19.80
5	256QAM	25	0	18.44	18.33	18.37	18.34	18.30	19.80

【LTE Band 48 FCC Part 96 IC RSS-192 (3550~3700MHz) Ant 7 ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.87	18.98	18.93	18.99	18.80	20.30
20	QPSK	1	49	18.65	18.84	18.72	18.59	18.42	20.30
20	QPSK	1	99	18.86	18.90	18.50	18.55	18.70	20.30
20	QPSK	50	0	18.75	18.97	18.92	18.98	18.57	20.30
20	QPSK	50	24	18.65	18.85	18.76	18.64	18.44	20.30
20	QPSK	50	50	18.71	18.91	18.90	18.80	18.54	20.30
20	QPSK	100	0	18.71	18.89	18.76	18.70	18.47	20.30
20	16QAM	1	0	18.73	18.90	18.83	18.88	18.45	20.30
20	16QAM	1	49	18.77	18.91	18.81	18.69	18.50	20.30
20	16QAM	1	99	18.96	18.80	18.58	18.63	18.77	20.30
20	16QAM	50	0	18.70	18.89	18.97	18.85	18.45	20.30
20	16QAM	50	24	18.70	18.90	18.83	18.69	18.50	20.30
20	16QAM	50	50	18.81	18.89	18.66	18.60	18.62	20.30
20	16QAM	100	0	18.78	18.95	18.82	18.78	18.56	20.30
20	64QAM	1	0	18.31	18.50	18.62	18.68	18.34	20.30
20	64QAM	1	49	18.36	18.53	18.41	18.44	18.41	20.30
20	64QAM	1	99	18.55	18.71	18.33	18.46	18.38	20.30
20	64QAM	50	0	18.74	18.91	18.98	18.88	18.47	20.30
20	64QAM	50	24	18.75	18.95	18.87	18.73	18.53	20.30
20	64QAM	50	50	18.85	18.83	18.69	18.64	18.64	20.30
20	64QAM	100	0	18.83	18.89	18.85	18.80	18.59	20.30
20	256QAM	1	0	18.38	18.41	18.57	18.39	18.38	19.80
20	256QAM	1	49	18.42	18.41	18.55	18.42	18.43	19.80
20	256QAM	1	99	18.31	18.32	18.51	18.39	18.32	19.80
20	256QAM	50	0	18.32	18.44	18.48	18.30	18.36	19.80
20	256QAM	50	24	18.35	18.37	18.47	18.33	18.34	19.80
20	256QAM	50	50	18.37	18.31	18.49	18.31	18.37	19.80
20	256QAM	100	0	18.33	18.43	18.46	18.46	18.35	19.80
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.77	18.86	18.85	18.93	18.73	20.30
15	QPSK	1	37	18.59	18.79	18.62	18.51	18.30	20.30
15	QPSK	1	74	18.80	18.78	18.42	18.49	18.63	20.30
15	QPSK	36	0	18.57	18.77	18.79	18.75	18.30	20.30
15	QPSK	36	20	18.53	18.79	18.66	18.53	18.34	20.30
15	QPSK	36	39	18.65	18.90	18.84	18.70	18.49	20.30
15	QPSK	75	0	18.63	18.77	18.71	18.58	18.37	20.30
15	16QAM	1	0	18.65	18.79	18.72	18.82	18.37	20.30
15	16QAM	1	37	18.71	18.85	18.70	18.59	18.38	20.30
15	16QAM	1	74	18.84	18.71	18.53	18.55	18.69	20.30
15	16QAM	36	0	18.59	18.78	18.90	18.79	18.36	20.30
15	16QAM	36	20	18.62	18.82	18.75	18.57	18.39	20.30
15	16QAM	36	39	18.70	18.77	18.57	18.51	18.53	20.30
15	16QAM	75	0	18.67	18.84	18.71	18.73	18.44	20.30
15	64QAM	1	0	18.35	18.45	18.56	18.60	18.30	20.30
15	64QAM	1	37	18.49	18.46	18.31	18.32	18.36	20.30
15	64QAM	1	74	18.49	18.59	18.33	18.38	18.33	20.30
15	64QAM	36	0	18.65	18.83	18.91	18.81	18.40	20.30
15	64QAM	36	20	18.65	18.86	18.76	18.64	18.47	20.30
15	64QAM	36	39	18.80	18.75	18.62	18.52	18.58	20.30
15	64QAM	75	0	18.75	18.81	18.73	18.72	18.50	20.30
15	256QAM	1	0	18.26	18.30	18.49	18.30	18.27	19.80
15	256QAM	1	37	18.31	18.35	18.43	18.32	18.37	19.80
15	256QAM	1	74	18.25	18.21	18.45	18.31	18.21	19.80
15	256QAM	36	0	18.24	18.39	18.41	18.21	18.24	19.80
15	256QAM	36	20	18.24	18.25	18.37	18.21	18.23	19.80
15	256QAM	36	39	18.25	18.22	18.41	18.24	18.25	19.80
15	256QAM	75	0	18.24	18.38	18.39	18.34	18.25	19.80
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.81	18.88	18.84	18.90	18.73	20.30
10	QPSK	1	25	18.58	18.79	18.60	18.51	18.32	20.30
10	QPSK	1	49	18.80	18.84	18.45	18.45	18.63	20.30
10	QPSK	25	0	18.55	18.75	18.80	18.69	18.33	20.30
10	QPSK	25	12	18.58	18.75	18.70	18.57	18.34	20.30

10	QPSK	25	25	18.69	18.87	18.85	18.71	18.50	20.30
10	QPSK	50	0	18.64	18.77	18.66	18.58	18.41	20.30
10	16QAM	1	0	18.61	18.82	18.78	18.81	18.33	20.30
10	16QAM	1	25	18.70	18.83	18.71	18.57	18.44	20.30
10	16QAM	1	49	18.88	18.72	18.53	18.53	18.68	20.30
10	16QAM	25	0	18.60	18.78	18.89	18.74	18.37	20.30
10	16QAM	25	12	18.61	18.81	18.72	18.60	18.42	20.30
10	16QAM	25	25	18.75	18.84	18.60	18.53	18.54	20.30
10	16QAM	50	0	18.66	18.86	18.70	18.72	18.44	20.30
10	64QAM	1	0	18.44	18.44	18.52	18.56	18.46	20.30
10	64QAM	1	25	18.30	18.47	18.34	18.37	18.34	20.30
10	64QAM	1	49	18.45	18.65	18.33	18.41	18.48	20.30
10	64QAM	25	0	18.67	18.86	18.87	18.78	18.40	20.30
10	64QAM	25	12	18.66	18.84	18.80	18.63	18.45	20.30
10	64QAM	25	25	18.76	18.77	18.62	18.57	18.56	20.30
10	64QAM	50	0	18.74	18.78	18.77	18.71	18.51	20.30
10	256QAM	1	0	18.27	18.34	18.49	18.29	18.31	19.80
10	256QAM	1	25	18.30	18.34	18.46	18.35	18.36	19.80
10	256QAM	1	49	18.24	18.21	18.44	18.31	18.21	19.80
10	256QAM	25	0	18.22	18.39	18.40	18.19	18.29	19.80
10	256QAM	25	12	18.30	18.25	18.35	18.25	18.29	19.80
10	256QAM	25	25	18.26	18.21	18.40	18.24	18.27	19.80
10	256QAM	50	0	18.22	18.38	18.35	18.37	18.28	19.80
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.82	18.90	18.88	18.94	18.74	20.30
5	QPSK	1	12	18.60	18.74	18.64	18.51	18.35	20.30
5	QPSK	1	24	18.77	18.80	18.43	18.46	18.63	20.30
5	QPSK	12	0	18.60	18.73	18.84	18.75	18.39	20.30
5	QPSK	12	7	18.58	18.76	18.66	18.55	18.32	20.30
5	QPSK	12	13	18.64	18.91	18.80	18.75	18.48	20.30
5	QPSK	25	0	18.60	18.84	18.69	18.59	18.41	20.30
5	16QAM	1	0	18.67	18.79	18.71	18.82	18.35	20.30
5	16QAM	1	12	18.72	18.85	18.76	18.62	18.40	20.30
5	16QAM	1	24	18.87	18.68	18.46	18.58	18.67	20.30
5	16QAM	12	0	18.59	18.79	18.90	18.77	18.34	20.30
5	16QAM	12	7	18.64	18.81	18.71	18.58	18.40	20.30
5	16QAM	12	13	18.73	18.83	18.54	18.53	18.55	20.30
5	16QAM	25	0	18.73	18.84	18.75	18.71	18.46	20.30
5	64QAM	1	0	18.40	18.42	18.57	18.62	18.37	20.30
5	64QAM	1	12	18.44	18.44	18.33	18.38	18.32	20.30
5	64QAM	1	24	18.47	18.64	18.33	18.37	18.36	20.30
5	64QAM	12	0	18.68	18.80	18.86	18.77	18.37	20.30
5	64QAM	12	7	18.63	18.89	18.80	18.64	18.43	20.30
5	64QAM	12	13	18.76	18.77	18.60	18.54	18.56	20.30
5	64QAM	25	0	18.76	18.77	18.80	18.68	18.54	20.30
5	256QAM	1	0	18.30	18.34	18.48	18.31	18.33	19.80
5	256QAM	1	12	18.34	18.30	18.49	18.31	18.31	19.80
5	256QAM	1	24	18.42	18.35	18.39	18.37	18.32	19.80
5	256QAM	12	0	18.43	18.35	18.43	18.33	18.31	19.80
5	256QAM	12	7	18.43	18.38	18.39	18.32	18.35	19.80
5	256QAM	12	13	18.41	18.40	18.44	18.35	18.36	19.80
5	256QAM	25	0	18.44	18.33	18.37	18.34	18.30	19.80

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.10	17.18	17.30	17.21	16.89	17.30
20	QPSK	1	49	17.12	17.20	17.17	16.80	16.94	17.30
20	QPSK	1	99	17.28	17.29	16.95	16.83	17.21	17.30
20	QPSK	50	0	17.09	17.16	17.28	16.99	16.89	17.30
20	QPSK	50	24	17.06	17.17	17.20	16.80	16.91	17.30
20	QPSK	50	50	17.18	17.27	17.03	16.81	17.05	17.30
20	QPSK	100	0	17.14	17.21	17.18	16.87	16.97	17.30
20	16QAM	1	0	17.16	17.22	17.27	17.24	16.98	17.30
20	16QAM	1	49	17.19	17.25	17.23	16.86	17.02	17.30
20	16QAM	1	99	17.25	17.22	17.01	16.81	17.29	17.30
20	16QAM	50	0	17.14	17.22	17.24	17.02	16.96	17.30
20	16QAM	50	24	17.13	17.23	17.25	16.87	16.97	17.30
20	16QAM	50	50	17.25	17.28	17.09	16.81	17.14	17.30

20	16QAM	100	0	17.21	17.30	17.24	16.91	17.07	17.30
20	64QAM	1	0	16.81	16.86	17.06	16.86	16.81	17.30
20	64QAM	1	49	16.82	16.89	16.86	16.81	16.85	17.30
20	64QAM	1	99	17.00	17.09	16.83	16.80	16.90	17.30
20	64QAM	50	0	17.17	17.26	17.22	17.02	16.97	17.30
20	64QAM	50	24	17.16	17.28	17.29	16.92	17.04	17.30
20	64QAM	50	50	17.27	17.29	17.10	16.80	17.13	17.30
20	64QAM	100	0	17.26	17.24	17.28	16.98	17.09	17.30
20	256QAM	1	0	17.01	17.08	17.28	17.10	16.81	17.30
20	256QAM	1	49	17.04	17.13	17.10	16.85	16.90	17.30
20	256QAM	1	99	17.25	17.30	16.85	16.84	17.11	17.30
20	256QAM	50	0	17.25	17.20	17.29	17.13	17.05	17.30
20	256QAM	50	24	17.25	17.26	17.26	16.98	17.11	17.30
20	256QAM	50	50	17.21	17.27	17.18	16.88	17.22	17.30
20	256QAM	100	0	17.28	17.28	17.29	17.02	17.11	17.30
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.98	17.08	17.29	17.19	16.87	17.30
15	QPSK	1	37	16.97	17.06	17.16	16.80	16.84	17.30
15	QPSK	1	74	17.10	17.17	16.90	16.81	16.88	17.30
15	QPSK	36	0	17.01	17.04	17.22	16.84	16.80	17.30
15	QPSK	36	20	17.04	17.04	17.17	16.80	16.82	17.30
15	QPSK	36	39	17.09	17.14	16.95	16.82	16.87	17.30
15	QPSK	75	0	17.09	17.13	17.06	16.80	16.85	17.30
15	16QAM	1	0	17.09	17.18	17.24	17.12	16.86	17.30
15	16QAM	1	37	17.10	17.16	17.10	16.80	16.89	17.30
15	16QAM	1	74	17.09	17.18	16.99	16.80	16.89	17.30
15	16QAM	36	0	17.07	17.09	17.26	16.92	16.89	17.30
15	16QAM	36	20	17.05	17.16	17.19	16.80	16.87	17.30
15	16QAM	36	39	17.09	17.17	17.08	16.81	16.88	17.30
15	16QAM	75	0	17.08	17.17	17.21	16.85	16.88	17.30
15	64QAM	1	0	16.81	16.82	17.00	16.81	16.80	17.30
15	64QAM	1	37	16.80	16.85	16.80	16.81	16.80	17.30
15	64QAM	1	74	16.88	17.06	16.82	16.82	16.88	17.30
15	64QAM	36	0	17.08	17.18	17.19	16.95	16.89	17.30
15	64QAM	36	20	17.10	17.18	17.24	16.82	16.89	17.30
15	64QAM	36	39	17.08	17.17	17.06	16.82	16.88	17.30
15	64QAM	75	0	17.10	17.17	17.18	16.86	16.87	17.30
15	256QAM	1	0	16.90	17.06	17.21	17.02	16.81	17.30
15	256QAM	1	37	16.98	16.99	17.08	16.81	16.81	17.30
15	256QAM	1	74	17.09	17.16	16.80	16.81	16.89	17.30
15	256QAM	36	0	17.09	17.18	17.27	17.01	16.89	17.30
15	256QAM	36	20	17.09	17.18	17.25	16.85	16.89	17.30
15	256QAM	36	39	17.09	17.17	17.08	16.81	16.89	17.30
15	256QAM	75	0	17.10	17.17	17.16	16.96	16.87	17.30
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.97	17.12	17.29	17.16	16.80	17.30
10	QPSK	1	25	17.10	17.13	17.11	16.81	16.88	17.30
10	QPSK	1	49	17.10	17.17	16.89	16.81	16.89	17.30
10	QPSK	25	0	16.98	17.10	17.21	16.82	16.80	17.30
10	QPSK	25	12	17.00	17.10	17.14	16.80	16.81	17.30
10	QPSK	25	25	17.10	17.12	16.95	16.80	16.87	17.30
10	QPSK	50	0	17.09	17.08	17.03	16.84	16.88	17.30
10	16QAM	1	0	17.01	17.16	17.21	17.19	16.89	17.30
10	16QAM	1	25	17.04	17.18	17.16	16.81	16.88	17.30
10	16QAM	1	49	17.10	17.18	16.99	16.80	16.89	17.30
10	16QAM	25	0	17.03	17.18	17.26	16.90	16.86	17.30
10	16QAM	25	12	17.03	17.10	17.19	16.81	16.89	17.30
10	16QAM	25	25	17.10	17.17	17.06	16.80	16.89	17.30
10	16QAM	50	0	17.10	17.18	17.12	16.80	16.88	17.30
10	64QAM	1	0	16.81	16.83	17.00	16.80	16.82	17.30
10	64QAM	1	25	16.81	16.80	16.82	16.80	16.80	17.30
10	64QAM	1	49	16.86	17.01	16.80	16.80	16.85	17.30
10	64QAM	25	0	17.02	17.18	17.18	16.96	16.89	17.30
10	64QAM	25	12	17.03	17.16	17.18	16.83	16.89	17.30
10	64QAM	25	25	17.10	17.17	17.03	16.81	16.87	17.30
10	64QAM	50	0	17.10	17.18	17.20	16.97	16.88	17.30
10	256QAM	1	0	16.93	17.00	17.26	16.98	16.80	17.30
10	256QAM	1	25	16.98	16.99	17.07	16.80	16.82	17.30
10	256QAM	1	49	17.10	17.18	16.83	16.82	16.87	17.30
10	256QAM	25	0	17.10	17.17	17.30	17.08	16.89	17.30
10	256QAM	25	12	17.10	17.16	17.26	16.86	16.88	17.30
10	256QAM	25	25	17.10	17.18	17.16	16.81	16.89	17.30
10	256QAM	50	0	17.09	17.18	17.25	16.98	16.89	17.30
Channel				55265	55810	55990	56170	56715	Tune-up

Frequency (MHz)				3552.5	3607	3625	3643	3697.5	limit (dBm)
5	QPSK	1	0	16.97	17.04	17.28	17.07	16.88	17.30
5	QPSK	1	12	17.04	17.12	17.07	16.81	16.81	17.30
5	QPSK	1	24	17.09	17.17	16.90	16.81	16.89	17.30
5	QPSK	12	0	16.98	17.01	17.27	16.88	16.84	17.30
5	QPSK	12	7	17.03	17.13	17.12	16.80	16.80	17.30
5	QPSK	12	13	17.10	17.17	16.91	16.80	16.88	17.30
5	QPSK	25	0	17.00	17.09	17.13	16.80	16.88	17.30
5	16QAM	1	0	17.09	17.12	17.28	17.21	16.89	17.30
5	16QAM	1	12	17.06	17.11	17.19	16.82	16.88	17.30
5	16QAM	1	24	17.10	17.17	16.96	16.81	16.88	17.30
5	16QAM	12	0	17.09	17.18	17.28	16.90	16.89	17.30
5	16QAM	12	7	17.03	17.10	17.20	16.83	16.88	17.30
5	16QAM	12	13	17.09	17.18	16.96	16.81	16.87	17.30
5	16QAM	25	0	17.08	17.18	17.21	16.89	16.89	17.30
5	64QAM	1	0	16.80	16.81	16.98	16.81	16.81	17.30
5	64QAM	1	12	16.80	16.80	16.81	16.81	16.81	17.30
5	64QAM	1	24	16.98	17.00	16.80	16.80	16.81	17.30
5	64QAM	12	0	17.02	17.14	17.27	16.88	16.88	17.30
5	64QAM	12	7	17.06	17.14	17.27	16.82	16.89	17.30
5	64QAM	12	13	17.10	17.17	17.02	16.80	16.88	17.30
5	64QAM	25	0	17.10	17.18	17.27	16.86	16.87	17.30
5	256QAM	1	0	16.92	16.96	17.16	17.03	16.81	17.30
5	256QAM	1	12	17.03	17.04	16.96	16.80	16.86	17.30
5	256QAM	1	24	17.10	17.18	16.81	16.83	16.87	17.30
5	256QAM	12	0	17.10	17.18	17.29	17.07	16.89	17.30
5	256QAM	12	7	17.08	17.16	17.27	16.94	16.87	17.30
5	256QAM	12	13	17.09	17.16	17.13	16.82	16.89	17.30
5	256QAM	25	0	17.10	17.16	17.27	16.96	16.89	17.30

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	18.70
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.10	17.18	17.30	17.21	16.89	18.70
20	QPSK	1	49	17.12	17.20	17.17	16.80	16.94	18.70
20	QPSK	1	99	17.28	17.29	16.95	16.83	17.21	18.70
20	QPSK	50	0	17.09	17.16	17.28	16.99	16.89	18.70
20	QPSK	50	24	17.06	17.17	17.20	16.80	16.91	18.70
20	QPSK	50	50	17.18	17.27	17.03	16.81	17.05	18.70
20	QPSK	100	0	17.14	17.21	17.18	16.87	16.97	18.70
20	16QAM	1	0	17.16	17.22	17.27	17.24	16.98	18.70
20	16QAM	1	49	17.19	17.25	17.23	16.86	17.02	18.70
20	16QAM	1	99	17.25	17.22	17.01	16.81	17.29	18.70
20	16QAM	50	0	17.14	17.22	17.24	17.02	16.96	18.70
20	16QAM	50	24	17.13	17.23	17.25	16.87	16.97	18.70
20	16QAM	50	50	17.25	17.28	17.09	16.81	17.14	18.70
20	16QAM	100	0	17.21	17.30	17.24	16.91	17.07	18.70
20	64QAM	1	0	16.81	16.86	17.06	16.86	16.81	18.70
20	64QAM	1	49	16.82	16.89	16.86	16.81	16.85	18.70
20	64QAM	1	99	17.00	17.09	16.83	16.80	16.90	18.70
20	64QAM	50	0	17.17	17.26	17.22	17.02	16.97	18.70
20	64QAM	50	24	17.16	17.28	17.29	16.92	17.04	18.70
20	64QAM	50	50	17.27	17.29	17.10	16.80	17.13	18.70
20	64QAM	100	0	17.26	17.24	17.28	16.98	17.09	18.70
20	256QAM	1	0	17.01	17.08	17.28	17.10	16.81	18.70
20	256QAM	1	49	17.04	17.13	17.10	16.85	16.90	18.70
20	256QAM	1	99	17.25	17.30	16.85	16.84	17.11	18.70
20	256QAM	50	0	17.25	17.20	17.29	17.13	17.05	18.70
20	256QAM	50	24	17.25	17.26	17.26	16.98	17.11	18.70
20	256QAM	50	50	17.21	17.27	17.18	16.88	17.22	18.70
20	256QAM	100	0	17.28	17.28	17.29	17.02	17.11	18.70
Channel				55315	55820	55990	56160	56665	18.70
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.98	17.08	17.29	17.19	16.87	18.70
15	QPSK	1	37	16.97	17.06	17.16	16.80	16.84	18.70
15	QPSK	1	74	17.10	17.17	16.90	16.81	16.88	18.70
15	QPSK	36	0	17.01	17.04	17.22	16.84	16.80	18.70
15	QPSK	36	20	17.04	17.04	17.17	16.80	16.82	18.70
15	QPSK	36	39	17.09	17.14	16.95	16.82	16.87	18.70

15	QPSK	75	0	17.09	17.13	17.06	16.80	16.85	18.70
15	16QAM	1	0	17.09	17.18	17.24	17.12	16.86	18.70
15	16QAM	1	37	17.10	17.16	17.10	16.80	16.89	18.70
15	16QAM	1	74	17.09	17.18	16.99	16.80	16.89	18.70
15	16QAM	36	0	17.07	17.09	17.26	16.92	16.89	18.70
15	16QAM	36	20	17.05	17.16	17.19	16.80	16.87	18.70
15	16QAM	36	39	17.09	17.17	17.08	16.81	16.88	18.70
15	16QAM	75	0	17.08	17.17	17.21	16.85	16.88	18.70
15	64QAM	1	0	16.81	16.82	17.00	16.81	16.80	18.70
15	64QAM	1	37	16.80	16.85	16.80	16.81	16.80	18.70
15	64QAM	1	74	16.88	17.06	16.82	16.82	16.88	18.70
15	64QAM	36	0	17.08	17.18	17.19	16.95	16.89	18.70
15	64QAM	36	20	17.10	17.18	17.24	16.82	16.89	18.70
15	64QAM	36	39	17.08	17.17	17.06	16.82	16.88	18.70
15	64QAM	75	0	17.10	17.17	17.18	16.86	16.87	18.70
15	256QAM	1	0	16.90	17.06	17.21	17.02	16.81	18.70
15	256QAM	1	37	16.98	16.99	17.08	16.81	16.81	18.70
15	256QAM	1	74	17.09	17.16	16.80	16.81	16.89	18.70
15	256QAM	36	0	17.09	17.18	17.27	17.01	16.89	18.70
15	256QAM	36	20	17.09	17.18	17.25	16.85	16.89	18.70
15	256QAM	36	39	17.09	17.17	17.08	16.81	16.89	18.70
15	256QAM	75	0	17.10	17.17	17.16	16.96	16.87	18.70
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.97	17.12	17.29	17.16	16.80	18.70
10	QPSK	1	25	17.10	17.13	17.11	16.81	16.88	18.70
10	QPSK	1	49	17.10	17.17	16.89	16.81	16.89	18.70
10	QPSK	25	0	16.98	17.10	17.21	16.82	16.80	18.70
10	QPSK	25	12	17.00	17.10	17.14	16.80	16.81	18.70
10	QPSK	25	25	17.10	17.12	16.95	16.80	16.87	18.70
10	QPSK	50	0	17.09	17.08	17.03	16.84	16.88	18.70
10	16QAM	1	0	17.01	17.16	17.21	17.19	16.89	18.70
10	16QAM	1	25	17.04	17.18	17.16	16.81	16.88	18.70
10	16QAM	1	49	17.10	17.18	16.99	16.80	16.89	18.70
10	16QAM	25	0	17.03	17.18	17.26	16.90	16.86	18.70
10	16QAM	25	12	17.03	17.10	17.19	16.81	16.89	18.70
10	16QAM	25	25	17.10	17.17	17.06	16.80	16.89	18.70
10	16QAM	50	0	17.10	17.18	17.12	16.80	16.88	18.70
10	64QAM	1	0	16.81	16.83	17.00	16.80	16.82	18.70
10	64QAM	1	25	16.81	16.80	16.82	16.80	16.80	18.70
10	64QAM	1	49	16.86	17.01	16.80	16.80	16.85	18.70
10	64QAM	25	0	17.02	17.18	17.18	16.96	16.89	18.70
10	64QAM	25	12	17.03	17.16	17.18	16.83	16.89	18.70
10	64QAM	25	25	17.10	17.17	17.03	16.81	16.87	18.70
10	64QAM	50	0	17.10	17.18	17.20	16.97	16.88	18.70
10	256QAM	1	0	16.93	17.00	17.26	16.98	16.80	18.70
10	256QAM	1	25	16.98	16.99	17.07	16.80	16.82	18.70
10	256QAM	1	49	17.10	17.18	16.83	16.82	16.87	18.70
10	256QAM	25	0	17.10	17.17	17.30	17.08	16.89	18.70
10	256QAM	25	12	17.10	17.16	17.26	16.86	16.88	18.70
10	256QAM	25	25	17.10	17.18	17.16	16.81	16.89	18.70
10	256QAM	50	0	17.09	17.18	17.25	16.98	16.89	18.70
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.97	17.04	17.28	17.07	16.88	18.70
5	QPSK	1	12	17.04	17.12	17.07	16.81	16.81	18.70
5	QPSK	1	24	17.09	17.17	16.90	16.81	16.89	18.70
5	QPSK	12	0	16.98	17.01	17.27	16.88	16.84	18.70
5	QPSK	12	7	17.03	17.13	17.12	16.80	16.80	18.70
5	QPSK	12	13	17.10	17.17	16.91	16.80	16.88	18.70
5	QPSK	25	0	17.00	17.09	17.13	16.80	16.88	18.70
5	16QAM	1	0	17.09	17.12	17.28	17.21	16.89	18.70
5	16QAM	1	12	17.06	17.11	17.19	16.82	16.88	18.70
5	16QAM	1	24	17.10	17.17	16.96	16.81	16.88	18.70
5	16QAM	12	0	17.09	17.18	17.28	16.90	16.89	18.70
5	16QAM	12	7	17.03	17.10	17.20	16.83	16.88	18.70
5	16QAM	12	13	17.09	17.18	16.96	16.81	16.87	18.70
5	16QAM	25	0	17.08	17.18	17.21	16.89	16.89	18.70
5	64QAM	1	0	16.80	16.81	16.98	16.81	16.81	18.70
5	64QAM	1	12	16.80	16.80	16.81	16.81	16.81	18.70
5	64QAM	1	24	16.98	17.00	16.80	16.80	16.81	18.70
5	64QAM	12	0	17.02	17.14	17.27	16.88	16.88	18.70
5	64QAM	12	7	17.06	17.14	17.27	16.82	16.89	18.70
5	64QAM	12	13	17.10	17.17	17.02	16.80	16.88	18.70
5	64QAM	25	0	17.10	17.18	17.27	16.86	16.87	18.70
5	256QAM	1	0	16.92	16.96	17.16	17.03	16.81	18.70

5	256QAM	1	12	17.03	17.04	16.96	16.80	16.86	18.70
5	256QAM	1	24	17.10	17.18	16.81	16.83	16.87	18.70
5	256QAM	12	0	17.10	17.18	17.29	17.07	16.89	18.70
5	256QAM	12	7	17.08	17.16	17.27	16.94	16.87	18.70
5	256QAM	12	13	17.09	17.16	17.13	16.82	16.89	18.70
5	256QAM	25	0	17.10	17.16	17.27	16.96	16.89	18.70

【LTE Band 48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	17.30
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.10	17.18	17.30	17.21	16.89	17.30
20	QPSK	1	49	17.12	17.20	17.17	16.80	16.94	17.30
20	QPSK	1	99	17.28	17.29	16.95	16.83	17.21	17.30
20	QPSK	50	0	17.09	17.16	17.28	16.99	16.89	17.30
20	QPSK	50	24	17.06	17.17	17.20	16.80	16.91	17.30
20	QPSK	50	50	17.18	17.27	17.03	16.81	17.05	17.30
20	QPSK	100	0	17.14	17.21	17.18	16.87	16.97	17.30
20	16QAM	1	0	17.16	17.22	17.27	17.24	16.98	17.30
20	16QAM	1	49	17.19	17.25	17.23	16.86	17.02	17.30
20	16QAM	1	99	17.25	17.22	17.01	16.81	17.29	17.30
20	16QAM	50	0	17.14	17.22	17.24	17.02	16.96	17.30
20	16QAM	50	24	17.13	17.23	17.25	16.87	16.97	17.30
20	16QAM	50	50	17.25	17.28	17.09	16.81	17.14	17.30
20	16QAM	100	0	17.21	17.30	17.24	16.91	17.07	17.30
20	64QAM	1	0	16.81	16.86	17.06	16.86	16.81	17.30
20	64QAM	1	49	16.82	16.89	16.86	16.81	16.85	17.30
20	64QAM	1	99	17.00	17.09	16.83	16.80	16.90	17.30
20	64QAM	50	0	17.17	17.26	17.22	17.02	16.97	17.30
20	64QAM	50	24	17.16	17.28	17.29	16.92	17.04	17.30
20	64QAM	50	50	17.27	17.29	17.10	16.80	17.13	17.30
20	64QAM	100	0	17.26	17.24	17.28	16.98	17.09	17.30
20	256QAM	1	0	17.01	17.08	17.28	17.10	16.81	17.30
20	256QAM	1	49	17.04	17.13	17.10	16.85	16.90	17.30
20	256QAM	1	99	17.25	17.30	16.85	16.84	17.11	17.30
20	256QAM	50	0	17.25	17.20	17.29	17.13	17.05	17.30
20	256QAM	50	24	17.25	17.26	17.26	16.98	17.11	17.30
20	256QAM	50	50	17.21	17.27	17.18	16.88	17.22	17.30
20	256QAM	100	0	17.28	17.28	17.29	17.02	17.11	17.30
Channel				55315	55820	55990	56160	56665	17.30
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.98	17.08	17.29	17.19	16.87	17.30
15	QPSK	1	37	16.97	17.06	17.16	16.80	16.84	17.30
15	QPSK	1	74	17.10	17.17	16.90	16.81	16.88	17.30
15	QPSK	36	0	17.01	17.04	17.22	16.84	16.80	17.30
15	QPSK	36	20	17.04	17.04	17.17	16.80	16.82	17.30
15	QPSK	36	39	17.09	17.14	16.95	16.82	16.87	17.30
15	QPSK	75	0	17.09	17.13	17.06	16.80	16.85	17.30
15	16QAM	1	0	17.09	17.18	17.24	17.12	16.86	17.30
15	16QAM	1	37	17.10	17.16	17.10	16.80	16.89	17.30
15	16QAM	1	74	17.09	17.18	16.99	16.80	16.89	17.30
15	16QAM	36	0	17.07	17.09	17.26	16.92	16.89	17.30
15	16QAM	36	20	17.05	17.16	17.19	16.80	16.87	17.30
15	16QAM	36	39	17.09	17.17	17.08	16.81	16.88	17.30
15	16QAM	75	0	17.08	17.17	17.21	16.85	16.88	17.30
15	64QAM	1	0	16.81	16.82	17.00	16.81	16.80	17.30
15	64QAM	1	37	16.80	16.85	16.80	16.81	16.80	17.30
15	64QAM	1	74	16.88	17.06	16.82	16.82	16.88	17.30
15	64QAM	36	0	17.08	17.18	17.19	16.95	16.89	17.30
15	64QAM	36	20	17.10	17.18	17.24	16.82	16.89	17.30
15	64QAM	36	39	17.08	17.17	17.06	16.82	16.88	17.30
15	64QAM	75	0	17.10	17.17	17.18	16.86	16.87	17.30
15	256QAM	1	0	16.90	17.06	17.21	17.02	16.81	17.30
15	256QAM	1	37	16.98	16.99	17.08	16.81	16.81	17.30
15	256QAM	1	74	17.09	17.16	16.80	16.81	16.89	17.30
15	256QAM	36	0	17.09	17.18	17.27	17.01	16.89	17.30
15	256QAM	36	20	17.09	17.18	17.25	16.85	16.89	17.30
15	256QAM	36	39	17.09	17.17	17.08	16.81	16.89	17.30
15	256QAM	75	0	17.10	17.17	17.16	16.96	16.87	17.30
Channel				55290	55815	55990	56165	56690	17.30
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	

									(dBm)
10	QPSK	1	0	16.97	17.12	17.29	17.16	16.80	17.30
10	QPSK	1	25	17.10	17.13	17.11	16.81	16.88	17.30
10	QPSK	1	49	17.10	17.17	16.89	16.81	16.89	17.30
10	QPSK	25	0	16.98	17.10	17.21	16.82	16.80	17.30
10	QPSK	25	12	17.00	17.10	17.14	16.80	16.81	17.30
10	QPSK	25	25	17.10	17.12	16.95	16.80	16.87	17.30
10	QPSK	50	0	17.09	17.08	17.03	16.84	16.88	17.30
10	16QAM	1	0	17.01	17.16	17.21	17.19	16.89	17.30
10	16QAM	1	25	17.04	17.18	17.16	16.81	16.88	17.30
10	16QAM	1	49	17.10	17.18	16.99	16.80	16.89	17.30
10	16QAM	25	0	17.03	17.18	17.26	16.90	16.86	17.30
10	16QAM	25	12	17.03	17.10	17.19	16.81	16.89	17.30
10	16QAM	25	25	17.10	17.17	17.06	16.80	16.89	17.30
10	16QAM	50	0	17.10	17.18	17.12	16.80	16.88	17.30
10	64QAM	1	0	16.81	16.83	17.00	16.80	16.82	17.30
10	64QAM	1	25	16.81	16.80	16.82	16.80	16.80	17.30
10	64QAM	1	49	16.86	17.01	16.80	16.80	16.85	17.30
10	64QAM	25	0	17.02	17.18	17.18	16.96	16.89	17.30
10	64QAM	25	12	17.03	17.16	17.18	16.83	16.89	17.30
10	64QAM	25	25	17.10	17.17	17.03	16.81	16.87	17.30
10	64QAM	50	0	17.10	17.18	17.20	16.97	16.88	17.30
10	256QAM	1	0	16.93	17.00	17.26	16.98	16.80	17.30
10	256QAM	1	25	16.98	16.99	17.07	16.80	16.82	17.30
10	256QAM	1	49	17.10	17.18	16.83	16.82	16.87	17.30
10	256QAM	25	0	17.10	17.17	17.30	17.08	16.89	17.30
10	256QAM	25	12	17.10	17.16	17.26	16.86	16.88	17.30
10	256QAM	25	25	17.10	17.18	17.16	16.81	16.89	17.30
10	256QAM	50	0	17.09	17.18	17.25	16.98	16.89	17.30
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.97	17.04	17.28	17.07	16.88	17.30
5	QPSK	1	12	17.04	17.12	17.07	16.81	16.81	17.30
5	QPSK	1	24	17.09	17.17	16.90	16.81	16.89	17.30
5	QPSK	12	0	16.98	17.01	17.27	16.88	16.84	17.30
5	QPSK	12	7	17.03	17.13	17.12	16.80	16.80	17.30
5	QPSK	12	13	17.10	17.17	16.91	16.80	16.88	17.30
5	QPSK	25	0	17.00	17.09	17.13	16.80	16.88	17.30
5	16QAM	1	0	17.09	17.12	17.28	17.21	16.89	17.30
5	16QAM	1	12	17.06	17.11	17.19	16.82	16.88	17.30
5	16QAM	1	24	17.10	17.17	16.96	16.81	16.88	17.30
5	16QAM	12	0	17.09	17.18	17.28	16.90	16.89	17.30
5	16QAM	12	7	17.03	17.10	17.20	16.83	16.88	17.30
5	16QAM	12	13	17.09	17.18	16.96	16.81	16.87	17.30
5	16QAM	25	0	17.08	17.18	17.21	16.89	16.89	17.30
5	64QAM	1	0	16.80	16.81	16.98	16.81	16.81	17.30
5	64QAM	1	12	16.80	16.80	16.81	16.81	16.81	17.30
5	64QAM	1	24	16.98	17.00	16.80	16.80	16.81	17.30
5	64QAM	12	0	17.02	17.14	17.27	16.88	16.88	17.30
5	64QAM	12	7	17.06	17.14	17.27	16.82	16.89	17.30
5	64QAM	12	13	17.10	17.17	17.02	16.80	16.88	17.30
5	64QAM	25	0	17.10	17.18	17.27	16.86	16.87	17.30
5	256QAM	1	0	16.92	16.96	17.16	17.03	16.81	17.30
5	256QAM	1	12	17.03	17.04	16.96	16.80	16.86	17.30
5	256QAM	1	24	17.10	17.18	16.81	16.83	16.87	17.30
5	256QAM	12	0	17.10	17.18	17.29	17.07	16.89	17.30
5	256QAM	12	7	17.08	17.16	17.27	16.94	16.87	17.30
5	256QAM	12	13	17.09	17.16	17.13	16.82	16.89	17.30
5	256QAM	25	0	17.10	17.16	17.27	16.96	16.89	17.30

【LTE Band 66_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.13	24.17	24.16	
20	QPSK	1	49	24.01	24.14	24.05	25.00

20	QPSK	1	99	24.12	24.08	24.15	25.00
20	QPSK	50	0	23.08	23.11	23.09	24.00
20	QPSK	50	24	23.01	23.03	23.02	24.00
20	QPSK	50	50	23.08	23.10	23.07	24.00
20	QPSK	100	0	23.08	23.05	23.11	24.00
20	16QAM	1	0	23.39	23.41	23.36	24.00
20	16QAM	1	49	23.22	23.35	23.28	24.00
20	16QAM	1	99	23.42	23.46	23.40	24.00
20	16QAM	50	0	22.13	22.08	22.09	23.00
20	16QAM	50	24	22.06	22.05	22.04	23.00
20	16QAM	50	50	22.12	22.15	22.11	23.00
20	16QAM	100	0	22.11	22.10	22.09	23.00
20	64QAM	1	0	22.34	22.22	22.33	23.00
20	64QAM	1	49	22.20	22.30	22.21	23.00
20	64QAM	1	99	22.34	22.38	22.35	23.00
20	64QAM	50	0	21.14	21.13	21.09	22.00
20	64QAM	50	24	21.10	21.12	21.10	22.00
20	64QAM	50	50	21.15	21.18	21.13	22.00
20	64QAM	100	0	21.16	21.15	21.19	22.00
20	256QAM	1	0	19.25	19.24	19.20	20.00
20	256QAM	1	49	19.17	19.19	19.17	20.00
20	256QAM	1	99	19.33	19.29	19.25	20.00
20	256QAM	50	0	19.12	19.12	19.12	20.00
20	256QAM	50	24	19.09	19.09	19.06	20.00
20	256QAM	50	50	19.12	19.16	19.12	20.00
20	256QAM	100	0	19.14	19.10	19.15	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.10	24.16	24.03	25.00
15	QPSK	1	37	24.11	24.13	24.12	25.00
15	QPSK	1	74	24.12	24.13	24.15	25.00
15	QPSK	36	0	23.06	23.04	23.00	24.00
15	QPSK	36	20	23.01	23.02	22.98	24.00
15	QPSK	36	39	23.09	23.07	23.05	24.00
15	QPSK	75	0	23.05	23.02	23.04	24.00
15	16QAM	1	0	23.38	23.35	23.38	24.00
15	16QAM	1	37	23.26	23.38	23.29	24.00
15	16QAM	1	74	23.45	23.44	23.48	24.00
15	16QAM	36	0	22.11	22.09	22.01	23.00
15	16QAM	36	20	22.06	22.06	22.01	23.00
15	16QAM	36	39	22.12	22.08	22.12	23.00
15	16QAM	75	0	22.04	22.01	22.04	23.00
15	64QAM	1	0	22.33	22.22	22.23	23.00
15	64QAM	1	37	22.21	22.25	22.15	23.00
15	64QAM	1	74	22.32	22.36	22.28	23.00
15	64QAM	36	0	21.16	21.11	21.07	22.00
15	64QAM	36	20	21.12	21.11	21.07	22.00
15	64QAM	36	39	21.13	21.15	21.13	22.00
15	64QAM	75	0	21.07	21.05	21.07	22.00
15	256QAM	1	0	19.29	19.25	19.20	20.00
15	256QAM	1	37	19.19	19.18	19.12	20.00
15	256QAM	1	74	19.32	19.30	19.24	20.00
15	256QAM	36	0	19.11	19.09	19.06	20.00
15	256QAM	36	20	19.08	19.11	19.03	20.00
15	256QAM	36	39	19.14	19.10	19.17	20.00
15	256QAM	75	0	19.12	19.10	19.10	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.09	24.09	24.06	25.00
10	QPSK	1	25	24.04	24.11	24.06	25.00
10	QPSK	1	49	24.12	24.11	24.16	25.00
10	QPSK	25	0	23.12	23.12	23.08	24.00
10	QPSK	25	12	23.09	23.06	23.10	24.00
10	QPSK	25	25	23.12	23.16	23.14	24.00
10	QPSK	50	0	23.08	23.07	23.09	24.00
10	16QAM	1	0	23.48	23.40	23.38	24.00
10	16QAM	1	25	23.30	23.40	23.42	24.00
10	16QAM	1	49	23.47	23.44	23.46	24.00
10	16QAM	25	0	22.15	22.11	22.13	23.00
10	16QAM	25	12	22.11	22.11	22.11	23.00
10	16QAM	25	25	22.13	22.13	22.15	23.00
10	16QAM	50	0	22.11	22.12	22.11	23.00
10	64QAM	1	0	22.32	22.19	22.20	23.00
10	64QAM	1	25	22.21	22.24	22.27	23.00
10	64QAM	1	49	22.23	22.30	22.26	23.00
10	64QAM	25	0	21.14	21.05	21.09	22.00
10	64QAM	25	12	21.13	21.11	21.14	22.00
10	64QAM	25	25	21.13	21.16	21.15	22.00



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10	64QAM	50	0	21.13	21.14	21.15	22.00
10	256QAM	1	0	19.24	19.18	19.19	20.00
10	256QAM	1	25	19.18	19.21	19.20	20.00
10	256QAM	1	49	19.21	19.22	19.20	20.00
10	256QAM	25	0	19.15	19.09	19.12	20.00
10	256QAM	25	12	19.13	19.11	19.13	20.00
10	256QAM	25	25	19.12	19.14	19.12	20.00
10	256QAM	50	0	19.14	19.10	19.17	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.09	24.09	24.14	25.00
5	QPSK	1	12	24.08	24.16	24.08	25.00
5	QPSK	1	24	24.15	24.15	24.16	25.00
5	QPSK	12	0	23.09	23.07	23.10	24.00
5	QPSK	12	7	23.02	23.01	23.00	24.00
5	QPSK	12	13	23.09	23.10	23.05	24.00
5	QPSK	25	0	23.13	23.12	23.17	24.00
5	16QAM	1	0	23.44	23.29	23.37	24.00
5	16QAM	1	12	23.32	23.28	23.34	24.00
5	16QAM	1	24	23.48	23.39	23.46	24.00
5	16QAM	12	0	22.16	22.10	22.13	23.00
5	16QAM	12	7	22.11	22.07	22.06	23.00
5	16QAM	12	13	22.13	22.13	22.12	23.00
5	16QAM	25	0	22.17	22.13	22.15	23.00
5	64QAM	1	0	22.37	22.25	22.32	23.00
5	64QAM	1	12	22.27	22.34	22.26	23.00
5	64QAM	1	24	22.36	22.33	22.36	23.00
5	64QAM	12	0	21.20	21.16	21.18	22.00
5	64QAM	12	7	21.15	21.12	21.12	22.00
5	64QAM	12	13	21.19	21.18	21.17	22.00
5	64QAM	25	0	21.21	21.14	21.17	22.00
5	256QAM	1	0	19.26	19.17	19.25	20.00
5	256QAM	1	12	19.20	19.23	19.17	20.00
5	256QAM	1	24	19.25	19.25	19.26	20.00
5	256QAM	12	0	19.15	19.08	19.14	20.00
5	256QAM	12	7	19.07	19.10	19.10	20.00
5	256QAM	12	13	19.12	19.11	19.10	20.00
5	256QAM	25	0	19.23	19.11	19.17	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.06	24.07	24.11	25.00
3	QPSK	1	8	24.09	24.12	24.07	25.00
3	QPSK	1	14	24.14	24.08	24.08	25.00
3	QPSK	8	0	23.13	23.10	23.11	24.00
3	QPSK	8	4	23.05	23.06	23.03	24.00
3	QPSK	8	7	23.10	23.10	23.06	24.00
3	QPSK	15	0	23.11	23.10	23.07	24.00
3	16QAM	1	0	23.41	23.33	23.32	24.00
3	16QAM	1	8	23.31	23.34	23.34	24.00
3	16QAM	1	14	23.30	23.48	23.37	24.00
3	16QAM	8	0	22.22	22.11	22.16	23.00
3	16QAM	8	4	22.17	22.14	22.12	23.00
3	16QAM	8	7	22.16	22.19	22.16	23.00
3	16QAM	15	0	22.19	22.13	22.12	23.00
3	64QAM	1	0	22.28	22.26	22.28	23.00
3	64QAM	1	8	22.18	22.22	22.08	23.00
3	64QAM	1	14	22.32	22.21	22.19	23.00
3	64QAM	8	0	21.22	21.09	21.15	22.00
3	64QAM	8	4	21.14	21.12	21.10	22.00
3	64QAM	8	7	21.15	21.16	21.09	22.00
3	64QAM	15	0	21.21	21.17	21.15	22.00
3	256QAM	1	0	19.26	19.18	19.27	20.00
3	256QAM	1	8	19.25	19.16	19.19	20.00
3	256QAM	1	14	19.24	19.22	19.27	20.00
3	256QAM	8	0	19.22	19.14	19.15	20.00
3	256QAM	8	4	19.18	19.17	19.12	20.00
3	256QAM	8	7	19.20	19.17	19.14	20.00
3	256QAM	15	0	19.16	19.17	19.13	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.07	24.16	24.10	25.00
1.4	QPSK	1	3	24.01	24.10	24.02	25.00
1.4	QPSK	1	5	24.05	24.16	24.11	25.00
1.4	QPSK	3	0	23.98	24.03	24.02	25.00
1.4	QPSK	3	1	23.96	24.00	23.98	25.00
1.4	QPSK	3	3	23.99	24.04	24.01	25.00
1.4	QPSK	6	0	23.07	23.06	23.06	24.00
1.4	16QAM	1	0	23.31	23.37	23.27	24.00

1.4	16QAM	1	3	23.36	23.31	23.27	24.00
1.4	16QAM	1	5	23.42	23.34	23.27	24.00
1.4	16QAM	3	0	23.08	23.06	23.01	24.00
1.4	16QAM	3	1	23.05	23.01	23.00	24.00
1.4	16QAM	3	3	23.06	23.02	23.05	24.00
1.4	16QAM	6	0	22.13	22.15	22.11	23.00
1.4	64QAM	1	0	22.32	22.31	22.25	23.00
1.4	64QAM	1	3	22.24	22.24	22.18	23.00
1.4	64QAM	1	5	22.32	22.31	22.25	23.00
1.4	64QAM	3	0	22.20	22.18	22.18	23.00
1.4	64QAM	3	1	22.19	22.16	22.18	23.00
1.4	64QAM	3	3	22.20	22.19	22.18	23.00
1.4	64QAM	6	0	21.07	21.07	21.04	22.00
1.4	256QAM	1	0	19.21	19.25	19.17	20.00
1.4	256QAM	1	3	19.16	19.13	19.16	20.00
1.4	256QAM	1	5	19.18	19.24	19.23	20.00
1.4	256QAM	3	0	19.18	19.18	19.14	20.00
1.4	256QAM	3	1	19.16	19.16	19.08	20.00
1.4	256QAM	3	3	19.21	19.18	19.16	20.00
1.4	256QAM	6	0	19.08	19.08	19.07	20.00

【LTE Band 66_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.13	24.17	24.16	25.00
20	QPSK	1	49	24.01	24.14	24.05	25.00
20	QPSK	1	99	24.12	24.08	24.15	25.00
20	QPSK	50	0	23.08	23.11	23.09	24.00
20	QPSK	50	24	23.01	23.03	23.02	24.00
20	QPSK	50	50	23.08	23.10	23.07	24.00
20	QPSK	100	0	23.08	23.05	23.11	24.00
20	16QAM	1	0	23.39	23.41	23.36	24.00
20	16QAM	1	49	23.22	23.35	23.28	24.00
20	16QAM	1	99	23.42	23.46	23.40	24.00
20	16QAM	50	0	22.13	22.08	22.09	23.00
20	16QAM	50	24	22.06	22.05	22.04	23.00
20	16QAM	50	50	22.12	22.15	22.11	23.00
20	16QAM	100	0	22.11	22.10	22.09	23.00
20	64QAM	1	0	22.34	22.22	22.33	23.00
20	64QAM	1	49	22.20	22.30	22.21	23.00
20	64QAM	1	99	22.34	22.38	22.35	23.00
20	64QAM	50	0	21.14	21.13	21.09	22.00
20	64QAM	50	24	21.10	21.12	21.10	22.00
20	64QAM	50	50	21.15	21.18	21.13	22.00
20	64QAM	100	0	21.16	21.15	21.19	22.00
20	256QAM	1	0	19.25	19.24	19.20	20.00
20	256QAM	1	49	19.17	19.19	19.17	20.00
20	256QAM	1	99	19.33	19.29	19.25	20.00
20	256QAM	50	0	19.12	19.12	19.12	20.00
20	256QAM	50	24	19.09	19.09	19.06	20.00
20	256QAM	50	50	19.12	19.16	19.12	20.00
20	256QAM	100	0	19.14	19.10	19.15	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.10	24.16	24.03	25.00
15	QPSK	1	37	24.11	24.13	24.12	25.00
15	QPSK	1	74	24.12	24.13	24.15	25.00
15	QPSK	36	0	23.06	23.04	23.00	24.00
15	QPSK	36	20	23.01	23.02	22.98	24.00
15	QPSK	36	39	23.09	23.07	23.05	24.00
15	QPSK	75	0	23.05	23.02	23.04	24.00
15	16QAM	1	0	23.38	23.35	23.38	24.00
15	16QAM	1	37	23.26	23.38	23.29	24.00
15	16QAM	1	74	23.45	23.44	23.48	24.00
15	16QAM	36	0	22.11	22.09	22.01	23.00
15	16QAM	36	20	22.06	22.06	22.01	23.00
15	16QAM	36	39	22.12	22.08	22.12	23.00
15	16QAM	75	0	22.04	22.01	22.04	23.00
15	64QAM	1	0	22.33	22.22	22.23	23.00
15	64QAM	1	37	22.21	22.25	22.15	23.00
15	64QAM	1	74	22.32	22.36	22.28	23.00

15	64QAM	36	0	21.16	21.11	21.07	22.00
15	64QAM	36	20	21.12	21.11	21.07	22.00
15	64QAM	36	39	21.13	21.15	21.13	22.00
15	64QAM	75	0	21.07	21.05	21.07	22.00
15	256QAM	1	0	19.29	19.25	19.20	20.00
15	256QAM	1	37	19.19	19.18	19.12	20.00
15	256QAM	1	74	19.32	19.30	19.24	20.00
15	256QAM	36	0	19.11	19.09	19.06	20.00
15	256QAM	36	20	19.08	19.11	19.03	20.00
15	256QAM	36	39	19.14	19.10	19.17	20.00
15	256QAM	75	0	19.12	19.10	19.10	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.09	24.09	24.06	25.00
10	QPSK	1	25	24.04	24.11	24.06	25.00
10	QPSK	1	49	24.12	24.11	24.16	25.00
10	QPSK	25	0	23.12	23.12	23.08	24.00
10	QPSK	25	12	23.09	23.06	23.10	24.00
10	QPSK	25	25	23.12	23.16	23.14	24.00
10	QPSK	50	0	23.08	23.07	23.09	24.00
10	16QAM	1	0	23.48	23.40	23.38	24.00
10	16QAM	1	25	23.30	23.40	23.42	24.00
10	16QAM	1	49	23.47	23.44	23.46	24.00
10	16QAM	25	0	22.15	22.11	22.13	23.00
10	16QAM	25	12	22.11	22.11	22.11	23.00
10	16QAM	25	25	22.13	22.13	22.15	23.00
10	16QAM	50	0	22.11	22.12	22.11	23.00
10	64QAM	1	0	22.32	22.19	22.20	23.00
10	64QAM	1	25	22.21	22.24	22.27	23.00
10	64QAM	1	49	22.23	22.30	22.26	23.00
10	64QAM	25	0	21.14	21.05	21.09	22.00
10	64QAM	25	12	21.13	21.11	21.14	22.00
10	64QAM	25	25	21.13	21.16	21.15	22.00
10	64QAM	50	0	21.13	21.14	21.15	22.00
10	256QAM	1	0	19.24	19.18	19.19	20.00
10	256QAM	1	25	19.18	19.21	19.20	20.00
10	256QAM	1	49	19.21	19.22	19.20	20.00
10	256QAM	25	0	19.15	19.09	19.12	20.00
10	256QAM	25	12	19.13	19.11	19.13	20.00
10	256QAM	25	25	19.12	19.14	19.12	20.00
10	256QAM	50	0	19.14	19.10	19.17	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.09	24.09	24.14	25.00
5	QPSK	1	12	24.08	24.16	24.08	25.00
5	QPSK	1	24	24.15	24.15	24.16	25.00
5	QPSK	12	0	23.09	23.07	23.10	24.00
5	QPSK	12	7	23.02	23.01	23.00	24.00
5	QPSK	12	13	23.09	23.10	23.05	24.00
5	QPSK	25	0	23.13	23.12	23.17	24.00
5	16QAM	1	0	23.44	23.29	23.37	24.00
5	16QAM	1	12	23.32	23.28	23.34	24.00
5	16QAM	1	24	23.48	23.39	23.46	24.00
5	16QAM	12	0	22.16	22.10	22.13	23.00
5	16QAM	12	7	22.11	22.07	22.06	23.00
5	16QAM	12	13	22.13	22.13	22.12	23.00
5	16QAM	25	0	22.17	22.13	22.15	23.00
5	64QAM	1	0	22.37	22.25	22.32	23.00
5	64QAM	1	12	22.27	22.34	22.26	23.00
5	64QAM	1	24	22.36	22.33	22.36	23.00
5	64QAM	12	0	21.20	21.16	21.18	22.00
5	64QAM	12	7	21.15	21.12	21.12	22.00
5	64QAM	12	13	21.19	21.18	21.17	22.00
5	64QAM	25	0	21.21	21.14	21.17	22.00
5	256QAM	1	0	19.26	19.17	19.25	20.00
5	256QAM	1	12	19.20	19.23	19.17	20.00
5	256QAM	1	24	19.25	19.25	19.26	20.00
5	256QAM	12	0	19.15	19.08	19.14	20.00
5	256QAM	12	7	19.07	19.10	19.10	20.00
5	256QAM	12	13	19.12	19.11	19.10	20.00
5	256QAM	25	0	19.23	19.11	19.17	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.06	24.07	24.11	25.00
3	QPSK	1	8	24.09	24.12	24.07	25.00
3	QPSK	1	14	24.14	24.08	24.08	25.00
3	QPSK	8	0	23.13	23.10	23.11	24.00
3	QPSK	8	4	23.05	23.06	23.03	24.00

3	QPSK	8	7	23.10	23.10	23.06	24.00
3	QPSK	15	0	23.11	23.10	23.07	24.00
3	16QAM	1	0	23.41	23.33	23.32	24.00
3	16QAM	1	8	23.31	23.34	23.34	24.00
3	16QAM	1	14	23.30	23.48	23.37	24.00
3	16QAM	8	0	22.22	22.11	22.16	23.00
3	16QAM	8	4	22.17	22.14	22.12	23.00
3	16QAM	8	7	22.16	22.19	22.16	23.00
3	16QAM	15	0	22.19	22.13	22.12	23.00
3	64QAM	1	0	22.28	22.26	22.28	23.00
3	64QAM	1	8	22.18	22.22	22.08	23.00
3	64QAM	1	14	22.32	22.21	22.19	23.00
3	64QAM	8	0	21.22	21.09	21.15	22.00
3	64QAM	8	4	21.14	21.12	21.10	22.00
3	64QAM	8	7	21.15	21.16	21.09	22.00
3	64QAM	15	0	21.21	21.17	21.15	22.00
3	256QAM	1	0	19.26	19.18	19.27	20.00
3	256QAM	1	8	19.25	19.16	19.19	20.00
3	256QAM	1	14	19.24	19.22	19.27	20.00
3	256QAM	8	0	19.22	19.14	19.15	20.00
3	256QAM	8	4	19.18	19.17	19.12	20.00
3	256QAM	8	7	19.20	19.17	19.14	20.00
3	256QAM	15	0	19.16	19.17	19.13	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.07	24.16	24.10	25.00
1.4	QPSK	1	3	24.01	24.10	24.02	25.00
1.4	QPSK	1	5	24.05	24.16	24.11	25.00
1.4	QPSK	3	0	23.98	24.03	24.02	25.00
1.4	QPSK	3	1	23.96	24.00	23.98	25.00
1.4	QPSK	3	3	23.99	24.04	24.01	25.00
1.4	QPSK	6	0	23.07	23.06	23.06	24.00
1.4	16QAM	1	0	23.31	23.37	23.27	24.00
1.4	16QAM	1	3	23.36	23.31	23.27	24.00
1.4	16QAM	1	5	23.42	23.34	23.27	24.00
1.4	16QAM	3	0	23.08	23.06	23.01	24.00
1.4	16QAM	3	1	23.05	23.01	23.00	24.00
1.4	16QAM	3	3	23.06	23.02	23.05	24.00
1.4	16QAM	6	0	22.13	22.15	22.11	23.00
1.4	64QAM	1	0	22.32	22.31	22.25	23.00
1.4	64QAM	1	3	22.24	22.24	22.18	23.00
1.4	64QAM	1	5	22.32	22.31	22.25	23.00
1.4	64QAM	3	0	22.20	22.18	22.18	23.00
1.4	64QAM	3	1	22.19	22.16	22.18	23.00
1.4	64QAM	3	3	22.20	22.19	22.18	23.00
1.4	64QAM	6	0	21.07	21.07	21.04	22.00
1.4	256QAM	1	0	19.21	19.25	19.17	20.00
1.4	256QAM	1	3	19.16	19.13	19.16	20.00
1.4	256QAM	1	5	19.18	19.24	19.23	20.00
1.4	256QAM	3	0	19.18	19.18	19.14	20.00
1.4	256QAM	3	1	19.16	19.16	19.08	20.00
1.4	256QAM	3	3	19.21	19.18	19.16	20.00
1.4	256QAM	6	0	19.08	19.08	19.07	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	14.54	14.55	14.50	16.00
20	QPSK	1	49	14.50	14.53	14.44	16.00
20	QPSK	1	99	14.53	14.52	14.48	16.00
20	QPSK	50	0	14.51	14.52	14.49	16.00
20	QPSK	50	24	14.49	14.47	14.46	16.00
20	QPSK	50	50	14.50	14.51	14.47	16.00
20	QPSK	100	0	14.50	14.52	14.52	16.00
20	16QAM	1	0	14.48	14.49	14.41	16.00
20	16QAM	1	49	14.49	14.48	14.36	16.00
20	16QAM	1	99	14.49	14.48	14.42	16.00
20	16QAM	50	0	14.53	14.49	14.48	16.00
20	16QAM	50	24	14.45	14.40	14.46	16.00
20	16QAM	50	50	14.47	14.49	14.46	16.00
20	16QAM	100	0	14.44	14.52	14.45	16.00



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20	64QAM	1	0	14.51	14.48	14.49	16.00
20	64QAM	1	49	14.49	14.43	14.37	16.00
20	64QAM	1	99	14.45	14.50	14.47	16.00
20	64QAM	50	0	14.48	14.48	14.47	16.00
20	64QAM	50	24	14.48	14.45	14.46	16.00
20	64QAM	50	50	14.47	14.48	14.44	16.00
20	64QAM	100	0	14.44	14.52	14.47	16.00
20	256QAM	1	0	14.45	14.54	14.50	16.00
20	256QAM	1	49	14.42	14.49	14.42	16.00
20	256QAM	1	99	14.53	14.46	14.47	16.00
20	256QAM	50	0	14.49	14.46	14.46	16.00
20	256QAM	50	24	14.42	14.39	14.39	16.00
20	256QAM	50	50	14.47	14.42	14.44	16.00
20	256QAM	100	0	14.49	14.45	14.48	16.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	14.45	14.41	14.49	16.00
15	QPSK	1	37	14.47	14.45	14.29	16.00
15	QPSK	1	74	14.39	14.42	14.43	16.00
15	QPSK	36	0	14.37	14.45	14.41	16.00
15	QPSK	36	20	14.42	14.37	14.32	16.00
15	QPSK	36	39	14.40	14.46	14.39	16.00
15	QPSK	75	0	14.48	14.46	14.47	16.00
15	16QAM	1	0	14.36	14.43	14.28	16.00
15	16QAM	1	37	14.40	14.46	14.31	16.00
15	16QAM	1	74	14.41	14.45	14.39	16.00
15	16QAM	36	0	14.38	14.40	14.40	16.00
15	16QAM	36	20	14.36	14.34	14.39	16.00
15	16QAM	36	39	14.34	14.37	14.36	16.00
15	16QAM	75	0	14.42	14.50	14.33	16.00
15	64QAM	1	0	14.38	14.34	14.44	16.00
15	64QAM	1	37	14.39	14.36	14.36	16.00
15	64QAM	1	74	14.33	14.46	14.43	16.00
15	64QAM	36	0	14.33	14.35	14.44	16.00
15	64QAM	36	20	14.39	14.30	14.40	16.00
15	64QAM	36	39	14.46	14.46	14.39	16.00
15	64QAM	75	0	14.41	14.40	14.38	16.00
15	256QAM	1	0	14.33	14.50	14.49	16.00
15	256QAM	1	37	14.32	14.38	14.39	16.00
15	256QAM	1	74	14.42	14.38	14.40	16.00
15	256QAM	36	0	14.40	14.36	14.38	16.00
15	256QAM	36	20	14.37	14.29	14.28	16.00
15	256QAM	36	39	14.39	14.36	14.31	16.00
15	256QAM	75	0	14.37	14.41	14.38	16.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	14.44	14.44	14.42	16.00
10	QPSK	1	25	14.37	14.44	14.41	16.00
10	QPSK	1	49	14.52	14.37	14.34	16.00
10	QPSK	25	0	14.50	14.49	14.35	16.00
10	QPSK	25	12	14.37	14.43	14.43	16.00
10	QPSK	25	25	14.39	14.45	14.35	16.00
10	QPSK	50	0	14.41	14.44	14.49	16.00
10	16QAM	1	0	14.35	14.38	14.31	16.00
10	16QAM	1	25	14.46	14.35	14.30	16.00
10	16QAM	1	49	14.42	14.35	14.34	16.00
10	16QAM	25	0	14.41	14.43	14.45	16.00
10	16QAM	25	12	14.42	14.33	14.41	16.00
10	16QAM	25	25	14.43	14.46	14.42	16.00
10	16QAM	50	0	14.39	14.46	14.39	16.00
10	64QAM	1	0	14.50	14.43	14.46	16.00
10	64QAM	1	25	14.38	14.41	14.23	16.00
10	64QAM	1	49	14.31	14.42	14.34	16.00
10	64QAM	25	0	14.44	14.35	14.36	16.00
10	64QAM	25	12	14.35	14.33	14.42	16.00
10	64QAM	25	25	14.38	14.36	14.34	16.00
10	64QAM	50	0	14.37	14.42	14.42	16.00
10	256QAM	1	0	14.42	14.44	14.36	16.00
10	256QAM	1	25	14.33	14.41	14.37	16.00
10	256QAM	1	49	14.39	14.40	14.41	16.00
10	256QAM	25	0	14.46	14.43	14.42	16.00
10	256QAM	25	12	14.29	14.28	14.31	16.00
10	256QAM	25	25	14.45	14.31	14.29	16.00
10	256QAM	50	0	14.35	14.30	14.37	16.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	14.50	14.48	14.40	16.00
5	QPSK	1	12	14.39	14.51	14.34	16.00



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5	QPSK	1	24	14.41	14.49	14.41	16.00
5	QPSK	12	0	14.36	14.41	14.37	16.00
5	QPSK	12	7	14.35	14.33	14.44	16.00
5	QPSK	12	13	14.39	14.47	14.37	16.00
5	QPSK	25	0	14.45	14.40	14.41	16.00
5	16QAM	1	0	14.34	14.37	14.27	16.00
5	16QAM	1	12	14.42	14.46	14.23	16.00
5	16QAM	1	24	14.44	14.45	14.30	16.00
5	16QAM	12	0	14.42	14.45	14.46	16.00
5	16QAM	12	7	14.40	14.30	14.38	16.00
5	16QAM	12	13	14.35	14.35	14.32	16.00
5	16QAM	25	0	14.31	14.51	14.41	16.00
5	64QAM	1	0	14.37	14.33	14.35	16.00
5	64QAM	1	12	14.41	14.32	14.36	16.00
5	64QAM	1	24	14.42	14.43	14.41	16.00
5	64QAM	12	0	14.37	14.34	14.32	16.00
5	64QAM	12	7	14.39	14.30	14.32	16.00
5	64QAM	12	13	14.43	14.37	14.42	16.00
5	64QAM	25	0	14.40	14.50	14.36	16.00
5	256QAM	1	0	14.34	14.43	14.36	16.00
5	256QAM	1	12	14.38	14.43	14.27	16.00
5	256QAM	1	24	14.43	14.33	14.34	16.00
5	256QAM	12	0	14.43	14.43	14.42	16.00
5	256QAM	12	7	14.40	14.25	14.36	16.00
5	256QAM	12	13	14.45	14.34	14.42	16.00
5	256QAM	25	0	14.44	14.34	14.42	16.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	14.41	14.49	14.45	16.00
3	QPSK	1	8	14.36	14.47	14.41	16.00
3	QPSK	1	14	14.44	14.46	14.38	16.00
3	QPSK	8	0	14.38	14.38	14.41	16.00
3	QPSK	8	4	14.45	14.34	14.32	16.00
3	QPSK	8	7	14.47	14.38	14.40	16.00
3	QPSK	15	0	14.43	14.43	14.43	16.00
3	16QAM	1	0	14.34	14.45	14.27	16.00
3	16QAM	1	8	14.43	14.38	14.28	16.00
3	16QAM	1	14	14.46	14.37	14.29	16.00
3	16QAM	8	0	14.51	14.35	14.41	16.00
3	16QAM	8	4	14.39	14.30	14.40	16.00
3	16QAM	8	7	14.44	14.47	14.36	16.00
3	16QAM	15	0	14.38	14.37	14.41	16.00
3	64QAM	1	0	14.45	14.43	14.45	16.00
3	64QAM	1	8	14.38	14.39	14.27	16.00
3	64QAM	1	14	14.33	14.38	14.41	16.00
3	64QAM	8	0	14.46	14.41	14.45	16.00
3	64QAM	8	4	14.39	14.38	14.38	16.00
3	64QAM	8	7	14.37	14.38	14.40	16.00
3	64QAM	15	0	14.35	14.47	14.38	16.00
3	256QAM	1	0	14.30	14.39	14.36	16.00
3	256QAM	1	8	14.34	14.42	14.33	16.00
3	256QAM	1	14	14.47	14.31	14.36	16.00
3	256QAM	8	0	14.43	14.32	14.42	16.00
3	256QAM	8	4	14.41	14.34	14.27	16.00
3	256QAM	8	7	14.37	14.32	14.33	16.00
3	256QAM	15	0	14.46	14.30	14.38	16.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	14.40	14.47	14.38	16.00
1.4	QPSK	1	3	14.40	14.41	14.32	16.00
1.4	QPSK	1	5	14.51	14.47	14.39	16.00
1.4	QPSK	3	0	14.42	14.45	14.40	16.00
1.4	QPSK	3	1	14.48	14.42	14.36	16.00
1.4	QPSK	3	3	14.46	14.47	14.42	16.00
1.4	QPSK	6	0	14.41	14.44	14.38	16.00
1.4	16QAM	1	0	14.37	14.38	14.28	16.00
1.4	16QAM	1	3	14.38	14.37	14.26	16.00
1.4	16QAM	1	5	14.43	14.36	14.40	16.00
1.4	16QAM	3	0	14.44	14.36	14.36	16.00
1.4	16QAM	3	1	14.38	14.38	14.41	16.00
1.4	16QAM	3	3	14.44	14.43	14.38	16.00
1.4	16QAM	6	0	14.43	14.44	14.38	16.00
1.4	64QAM	1	0	14.45	14.38	14.48	16.00
1.4	64QAM	1	3	14.38	14.34	14.31	16.00
1.4	64QAM	1	5	14.36	14.36	14.34	16.00
1.4	64QAM	3	0	14.43	14.33	14.45	16.00
1.4	64QAM	3	1	14.42	14.33	14.34	16.00
1.4	64QAM	3	3	14.42	14.46	14.32	16.00

1.4	64QAM	6	0	14.41	14.47	14.46	16.00
1.4	256QAM	1	0	14.36	14.47	14.47	16.00
1.4	256QAM	1	3	14.34	14.37	14.28	16.00
1.4	256QAM	1	5	14.48	14.41	14.37	16.00
1.4	256QAM	3	0	14.41	14.37	14.32	16.00
1.4	256QAM	3	1	14.27	14.26	14.31	16.00
1.4	256QAM	3	3	14.41	14.40	14.35	16.00
1.4	256QAM	6	0	14.41	14.37	14.47	16.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	14.54	14.55	14.50	14.70
20	QPSK	1	49	14.50	14.53	14.44	14.70
20	QPSK	1	99	14.53	14.52	14.48	14.70
20	QPSK	50	0	14.51	14.52	14.49	14.70
20	QPSK	50	24	14.49	14.47	14.46	14.70
20	QPSK	50	50	14.50	14.51	14.47	14.70
20	QPSK	100	0	14.50	14.52	14.52	14.70
20	16QAM	1	0	14.48	14.49	14.41	14.70
20	16QAM	1	49	14.49	14.48	14.36	14.70
20	16QAM	1	99	14.49	14.48	14.42	14.70
20	16QAM	50	0	14.53	14.49	14.48	14.70
20	16QAM	50	24	14.45	14.40	14.46	14.70
20	16QAM	50	50	14.47	14.49	14.46	14.70
20	16QAM	100	0	14.44	14.52	14.45	14.70
20	64QAM	1	0	14.51	14.48	14.49	14.70
20	64QAM	1	49	14.49	14.43	14.37	14.70
20	64QAM	1	99	14.45	14.50	14.47	14.70
20	64QAM	50	0	14.48	14.48	14.47	14.70
20	64QAM	50	24	14.48	14.45	14.46	14.70
20	64QAM	50	50	14.47	14.48	14.44	14.70
20	64QAM	100	0	14.44	14.52	14.47	14.70
20	256QAM	1	0	14.45	14.54	14.50	14.70
20	256QAM	1	49	14.42	14.49	14.42	14.70
20	256QAM	1	99	14.53	14.46	14.47	14.70
20	256QAM	50	0	14.49	14.46	14.46	14.70
20	256QAM	50	24	14.42	14.39	14.39	14.70
20	256QAM	50	50	14.47	14.42	14.44	14.70
20	256QAM	100	0	14.49	14.45	14.48	14.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	14.45	14.41	14.49	14.70
15	QPSK	1	37	14.47	14.45	14.29	14.70
15	QPSK	1	74	14.39	14.42	14.43	14.70
15	QPSK	36	0	14.37	14.45	14.41	14.70
15	QPSK	36	20	14.42	14.37	14.32	14.70
15	QPSK	36	39	14.40	14.46	14.39	14.70
15	QPSK	75	0	14.48	14.46	14.47	14.70
15	16QAM	1	0	14.36	14.43	14.28	14.70
15	16QAM	1	37	14.40	14.46	14.31	14.70
15	16QAM	1	74	14.41	14.45	14.39	14.70
15	16QAM	36	0	14.38	14.40	14.40	14.70
15	16QAM	36	20	14.36	14.34	14.39	14.70
15	16QAM	36	39	14.34	14.37	14.36	14.70
15	16QAM	75	0	14.42	14.50	14.33	14.70
15	64QAM	1	0	14.38	14.34	14.44	14.70
15	64QAM	1	37	14.39	14.36	14.36	14.70
15	64QAM	1	74	14.33	14.46	14.43	14.70
15	64QAM	36	0	14.33	14.35	14.44	14.70
15	64QAM	36	20	14.39	14.30	14.40	14.70
15	64QAM	36	39	14.46	14.46	14.39	14.70
15	64QAM	75	0	14.41	14.40	14.38	14.70
15	256QAM	1	0	14.33	14.50	14.49	14.70
15	256QAM	1	37	14.32	14.38	14.39	14.70
15	256QAM	1	74	14.42	14.38	14.40	14.70
15	256QAM	36	0	14.40	14.36	14.38	14.70
15	256QAM	36	20	14.37	14.29	14.28	14.70
15	256QAM	36	39	14.39	14.36	14.31	14.70
15	256QAM	75	0	14.37	14.41	14.38	14.70
Channel				132022	132322	132622	Tune-up limit

Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	14.44	14.44	14.42	14.70
10	QPSK	1	25	14.37	14.44	14.41	14.70
10	QPSK	1	49	14.52	14.37	14.34	14.70
10	QPSK	25	0	14.50	14.49	14.35	14.70
10	QPSK	25	12	14.37	14.43	14.43	14.70
10	QPSK	25	25	14.39	14.45	14.35	14.70
10	QPSK	50	0	14.41	14.44	14.49	14.70
10	16QAM	1	0	14.35	14.38	14.31	14.70
10	16QAM	1	25	14.46	14.35	14.30	14.70
10	16QAM	1	49	14.42	14.35	14.34	14.70
10	16QAM	25	0	14.41	14.43	14.45	14.70
10	16QAM	25	12	14.42	14.33	14.41	14.70
10	16QAM	25	25	14.43	14.46	14.42	14.70
10	16QAM	50	0	14.39	14.46	14.39	14.70
10	64QAM	1	0	14.50	14.43	14.46	14.70
10	64QAM	1	25	14.38	14.41	14.23	14.70
10	64QAM	1	49	14.31	14.42	14.34	14.70
10	64QAM	25	0	14.44	14.35	14.36	14.70
10	64QAM	25	12	14.35	14.33	14.42	14.70
10	64QAM	25	25	14.38	14.36	14.34	14.70
10	64QAM	50	0	14.37	14.42	14.42	14.70
10	256QAM	1	0	14.42	14.44	14.36	14.70
10	256QAM	1	25	14.33	14.41	14.37	14.70
10	256QAM	1	49	14.39	14.40	14.41	14.70
10	256QAM	25	0	14.46	14.43	14.42	14.70
10	256QAM	25	12	14.29	14.28	14.31	14.70
10	256QAM	25	25	14.45	14.31	14.29	14.70
10	256QAM	50	0	14.35	14.30	14.37	14.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	14.50	14.48	14.40	14.70
5	QPSK	1	12	14.39	14.51	14.34	14.70
5	QPSK	1	24	14.41	14.49	14.41	14.70
5	QPSK	12	0	14.36	14.41	14.37	14.70
5	QPSK	12	7	14.35	14.33	14.44	14.70
5	QPSK	12	13	14.39	14.47	14.37	14.70
5	QPSK	25	0	14.45	14.40	14.41	14.70
5	16QAM	1	0	14.34	14.37	14.27	14.70
5	16QAM	1	12	14.42	14.46	14.23	14.70
5	16QAM	1	24	14.44	14.45	14.30	14.70
5	16QAM	12	0	14.42	14.45	14.46	14.70
5	16QAM	12	7	14.40	14.30	14.38	14.70
5	16QAM	12	13	14.35	14.35	14.32	14.70
5	16QAM	25	0	14.31	14.51	14.41	14.70
5	64QAM	1	0	14.37	14.33	14.35	14.70
5	64QAM	1	12	14.41	14.32	14.36	14.70
5	64QAM	1	24	14.42	14.43	14.41	14.70
5	64QAM	12	0	14.37	14.34	14.32	14.70
5	64QAM	12	7	14.39	14.30	14.32	14.70
5	64QAM	12	13	14.43	14.37	14.42	14.70
5	64QAM	25	0	14.40	14.50	14.36	14.70
5	256QAM	1	0	14.34	14.43	14.36	14.70
5	256QAM	1	12	14.38	14.43	14.27	14.70
5	256QAM	1	24	14.43	14.33	14.34	14.70
5	256QAM	12	0	14.43	14.43	14.42	14.70
5	256QAM	12	7	14.40	14.25	14.36	14.70
5	256QAM	12	13	14.45	14.34	14.42	14.70
5	256QAM	25	0	14.44	14.34	14.42	14.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	14.41	14.49	14.45	14.70
3	QPSK	1	8	14.36	14.47	14.41	14.70
3	QPSK	1	14	14.44	14.46	14.38	14.70
3	QPSK	8	0	14.38	14.38	14.41	14.70
3	QPSK	8	4	14.45	14.34	14.32	14.70
3	QPSK	8	7	14.47	14.38	14.40	14.70
3	QPSK	15	0	14.43	14.43	14.43	14.70
3	16QAM	1	0	14.34	14.45	14.27	14.70
3	16QAM	1	8	14.43	14.38	14.28	14.70
3	16QAM	1	14	14.46	14.37	14.29	14.70
3	16QAM	8	0	14.51	14.35	14.41	14.70
3	16QAM	8	4	14.39	14.30	14.40	14.70
3	16QAM	8	7	14.44	14.47	14.36	14.70
3	16QAM	15	0	14.38	14.37	14.41	14.70
3	64QAM	1	0	14.45	14.43	14.45	14.70
3	64QAM	1	8	14.38	14.39	14.27	14.70
3	64QAM	1	14	14.33	14.38	14.41	14.70

3	64QAM	8	0	14.46	14.41	14.45	14.70
3	64QAM	8	4	14.39	14.38	14.38	14.70
3	64QAM	8	7	14.37	14.38	14.40	14.70
3	64QAM	15	0	14.35	14.47	14.38	14.70
3	256QAM	1	0	14.30	14.39	14.36	14.70
3	256QAM	1	8	14.34	14.42	14.33	14.70
3	256QAM	1	14	14.47	14.31	14.36	14.70
3	256QAM	8	0	14.43	14.32	14.42	14.70
3	256QAM	8	4	14.41	14.34	14.27	14.70
3	256QAM	8	7	14.37	14.32	14.33	14.70
3	256QAM	15	0	14.46	14.30	14.38	14.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	14.40	14.47	14.38	14.70
1.4	QPSK	1	3	14.40	14.41	14.32	14.70
1.4	QPSK	1	5	14.51	14.47	14.39	14.70
1.4	QPSK	3	0	14.42	14.45	14.40	14.70
1.4	QPSK	3	1	14.48	14.42	14.36	14.70
1.4	QPSK	3	3	14.46	14.47	14.42	14.70
1.4	QPSK	6	0	14.41	14.44	14.38	14.70
1.4	16QAM	1	0	14.37	14.38	14.28	14.70
1.4	16QAM	1	3	14.38	14.37	14.26	14.70
1.4	16QAM	1	5	14.43	14.36	14.40	14.70
1.4	16QAM	3	0	14.44	14.36	14.36	14.70
1.4	16QAM	3	1	14.38	14.38	14.41	14.70
1.4	16QAM	3	3	14.44	14.43	14.38	14.70
1.4	16QAM	6	0	14.43	14.44	14.38	14.70
1.4	64QAM	1	0	14.45	14.38	14.48	14.70
1.4	64QAM	1	3	14.38	14.34	14.31	14.70
1.4	64QAM	1	5	14.36	14.36	14.34	14.70
1.4	64QAM	3	0	14.43	14.33	14.45	14.70
1.4	64QAM	3	1	14.42	14.33	14.34	14.70
1.4	64QAM	3	3	14.42	14.46	14.32	14.70
1.4	64QAM	6	0	14.41	14.47	14.46	14.70
1.4	256QAM	1	0	14.36	14.47	14.47	14.70
1.4	256QAM	1	3	14.34	14.37	14.28	14.70
1.4	256QAM	1	5	14.48	14.41	14.37	14.70
1.4	256QAM	3	0	14.41	14.37	14.32	14.70
1.4	256QAM	3	1	14.27	14.26	14.31	14.70
1.4	256QAM	3	3	14.41	14.40	14.35	14.70
1.4	256QAM	6	0	14.41	14.37	14.47	14.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	14.54	14.55	14.50	14.70
20	QPSK	1	49	14.50	14.53	14.44	14.70
20	QPSK	1	99	14.53	14.52	14.48	14.70
20	QPSK	50	0	14.51	14.52	14.49	14.70
20	QPSK	50	24	14.49	14.47	14.46	14.70
20	QPSK	50	50	14.50	14.51	14.47	14.70
20	QPSK	100	0	14.50	14.52	14.52	14.70
20	16QAM	1	0	14.48	14.49	14.41	14.70
20	16QAM	1	49	14.49	14.48	14.36	14.70
20	16QAM	1	99	14.49	14.48	14.42	14.70
20	16QAM	50	0	14.53	14.49	14.48	14.70
20	16QAM	50	24	14.45	14.40	14.46	14.70
20	16QAM	50	50	14.47	14.49	14.46	14.70
20	16QAM	100	0	14.44	14.52	14.45	14.70
20	64QAM	1	0	14.51	14.48	14.49	14.70
20	64QAM	1	49	14.49	14.43	14.37	14.70
20	64QAM	1	99	14.45	14.50	14.47	14.70
20	64QAM	50	0	14.48	14.48	14.47	14.70
20	64QAM	50	24	14.48	14.45	14.46	14.70
20	64QAM	50	50	14.47	14.48	14.44	14.70
20	64QAM	100	0	14.44	14.52	14.47	14.70
20	256QAM	1	0	14.45	14.54	14.50	14.70
20	256QAM	1	49	14.42	14.49	14.42	14.70
20	256QAM	1	99	14.53	14.46	14.47	14.70
20	256QAM	50	0	14.49	14.46	14.46	14.70
20	256QAM	50	24	14.42	14.39	14.39	14.70



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20	256QAM	50	50	14.47	14.42	14.44	14.70
20	256QAM	100	0	14.49	14.45	14.48	14.70
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	14.45	14.41	14.49	14.70
15	QPSK	1	37	14.47	14.45	14.29	14.70
15	QPSK	1	74	14.39	14.42	14.43	14.70
15	QPSK	36	0	14.37	14.45	14.41	14.70
15	QPSK	36	20	14.42	14.37	14.32	14.70
15	QPSK	36	39	14.40	14.46	14.39	14.70
15	QPSK	75	0	14.48	14.46	14.47	14.70
15	16QAM	1	0	14.36	14.43	14.28	14.70
15	16QAM	1	37	14.40	14.46	14.31	14.70
15	16QAM	1	74	14.41	14.45	14.39	14.70
15	16QAM	36	0	14.38	14.40	14.40	14.70
15	16QAM	36	20	14.36	14.34	14.39	14.70
15	16QAM	36	39	14.34	14.37	14.36	14.70
15	16QAM	75	0	14.42	14.50	14.33	14.70
15	64QAM	1	0	14.38	14.34	14.44	14.70
15	64QAM	1	37	14.39	14.36	14.36	14.70
15	64QAM	1	74	14.33	14.46	14.43	14.70
15	64QAM	36	0	14.33	14.35	14.44	14.70
15	64QAM	36	20	14.39	14.30	14.40	14.70
15	64QAM	36	39	14.46	14.46	14.39	14.70
15	64QAM	75	0	14.41	14.40	14.38	14.70
15	256QAM	1	0	14.33	14.50	14.49	14.70
15	256QAM	1	37	14.32	14.38	14.39	14.70
15	256QAM	1	74	14.42	14.38	14.40	14.70
15	256QAM	36	0	14.40	14.36	14.38	14.70
15	256QAM	36	20	14.37	14.29	14.28	14.70
15	256QAM	36	39	14.39	14.36	14.31	14.70
15	256QAM	75	0	14.37	14.41	14.38	14.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	14.44	14.44	14.42	14.70
10	QPSK	1	25	14.37	14.44	14.41	14.70
10	QPSK	1	49	14.52	14.37	14.34	14.70
10	QPSK	25	0	14.50	14.49	14.35	14.70
10	QPSK	25	12	14.37	14.43	14.43	14.70
10	QPSK	25	25	14.39	14.45	14.35	14.70
10	QPSK	50	0	14.41	14.44	14.49	14.70
10	16QAM	1	0	14.35	14.38	14.31	14.70
10	16QAM	1	25	14.46	14.35	14.30	14.70
10	16QAM	1	49	14.42	14.35	14.34	14.70
10	16QAM	25	0	14.41	14.43	14.45	14.70
10	16QAM	25	12	14.42	14.33	14.41	14.70
10	16QAM	25	25	14.43	14.46	14.42	14.70
10	16QAM	50	0	14.39	14.46	14.39	14.70
10	64QAM	1	0	14.50	14.43	14.46	14.70
10	64QAM	1	25	14.38	14.41	14.23	14.70
10	64QAM	1	49	14.31	14.42	14.34	14.70
10	64QAM	25	0	14.44	14.35	14.36	14.70
10	64QAM	25	12	14.35	14.33	14.42	14.70
10	64QAM	25	25	14.38	14.36	14.34	14.70
10	64QAM	50	0	14.37	14.42	14.42	14.70
10	256QAM	1	0	14.42	14.44	14.36	14.70
10	256QAM	1	25	14.33	14.41	14.37	14.70
10	256QAM	1	49	14.39	14.40	14.41	14.70
10	256QAM	25	0	14.46	14.43	14.42	14.70
10	256QAM	25	12	14.29	14.28	14.31	14.70
10	256QAM	25	25	14.45	14.31	14.29	14.70
10	256QAM	50	0	14.35	14.30	14.37	14.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	14.50	14.48	14.40	14.70
5	QPSK	1	12	14.39	14.51	14.34	14.70
5	QPSK	1	24	14.41	14.49	14.41	14.70
5	QPSK	12	0	14.36	14.41	14.37	14.70
5	QPSK	12	7	14.35	14.33	14.44	14.70
5	QPSK	12	13	14.39	14.47	14.37	14.70
5	QPSK	25	0	14.45	14.40	14.41	14.70
5	16QAM	1	0	14.34	14.37	14.27	14.70
5	16QAM	1	12	14.42	14.46	14.23	14.70
5	16QAM	1	24	14.44	14.45	14.30	14.70
5	16QAM	12	0	14.42	14.45	14.46	14.70
5	16QAM	12	7	14.40	14.30	14.38	14.70
5	16QAM	12	13	14.35	14.35	14.32	14.70
5	16QAM	25	0	14.31	14.51	14.41	14.70



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5	64QAM	1	0	14.37	14.33	14.35	14.70
5	64QAM	1	12	14.41	14.32	14.36	14.70
5	64QAM	1	24	14.42	14.43	14.41	14.70
5	64QAM	12	0	14.37	14.34	14.32	14.70
5	64QAM	12	7	14.39	14.30	14.32	14.70
5	64QAM	12	13	14.43	14.37	14.42	14.70
5	64QAM	25	0	14.40	14.50	14.36	14.70
5	256QAM	1	0	14.34	14.43	14.36	14.70
5	256QAM	1	12	14.38	14.43	14.27	14.70
5	256QAM	1	24	14.43	14.33	14.34	14.70
5	256QAM	12	0	14.43	14.43	14.42	14.70
5	256QAM	12	7	14.40	14.25	14.36	14.70
5	256QAM	12	13	14.45	14.34	14.42	14.70
5	256QAM	25	0	14.44	14.34	14.42	14.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	14.41	14.49	14.45	14.70
3	QPSK	1	8	14.36	14.47	14.41	14.70
3	QPSK	1	14	14.44	14.46	14.38	14.70
3	QPSK	8	0	14.38	14.38	14.41	14.70
3	QPSK	8	4	14.45	14.34	14.32	14.70
3	QPSK	8	7	14.47	14.38	14.40	14.70
3	QPSK	15	0	14.43	14.43	14.43	14.70
3	16QAM	1	0	14.34	14.45	14.27	14.70
3	16QAM	1	8	14.43	14.38	14.28	14.70
3	16QAM	1	14	14.46	14.37	14.29	14.70
3	16QAM	8	0	14.51	14.35	14.41	14.70
3	16QAM	8	4	14.39	14.30	14.40	14.70
3	16QAM	8	7	14.44	14.47	14.36	14.70
3	16QAM	15	0	14.38	14.37	14.41	14.70
3	64QAM	1	0	14.45	14.43	14.45	14.70
3	64QAM	1	8	14.38	14.39	14.27	14.70
3	64QAM	1	14	14.33	14.38	14.41	14.70
3	64QAM	8	0	14.46	14.41	14.45	14.70
3	64QAM	8	4	14.39	14.38	14.38	14.70
3	64QAM	8	7	14.37	14.38	14.40	14.70
3	64QAM	15	0	14.35	14.47	14.38	14.70
3	256QAM	1	0	14.30	14.39	14.36	14.70
3	256QAM	1	8	14.34	14.42	14.33	14.70
3	256QAM	1	14	14.47	14.31	14.36	14.70
3	256QAM	8	0	14.43	14.32	14.42	14.70
3	256QAM	8	4	14.41	14.34	14.27	14.70
3	256QAM	8	7	14.37	14.32	14.33	14.70
3	256QAM	15	0	14.46	14.30	14.38	14.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	14.40	14.47	14.38	14.70
1.4	QPSK	1	3	14.40	14.41	14.32	14.70
1.4	QPSK	1	5	14.51	14.47	14.39	14.70
1.4	QPSK	3	0	14.42	14.45	14.40	14.70
1.4	QPSK	3	1	14.48	14.42	14.36	14.70
1.4	QPSK	3	3	14.46	14.47	14.42	14.70
1.4	QPSK	6	0	14.41	14.44	14.38	14.70
1.4	16QAM	1	0	14.37	14.38	14.28	14.70
1.4	16QAM	1	3	14.38	14.37	14.26	14.70
1.4	16QAM	1	5	14.43	14.36	14.40	14.70
1.4	16QAM	3	0	14.44	14.36	14.36	14.70
1.4	16QAM	3	1	14.38	14.38	14.41	14.70
1.4	16QAM	3	3	14.44	14.43	14.38	14.70
1.4	16QAM	6	0	14.43	14.44	14.38	14.70
1.4	64QAM	1	0	14.45	14.38	14.48	14.70
1.4	64QAM	1	3	14.38	14.34	14.31	14.70
1.4	64QAM	1	5	14.36	14.36	14.34	14.70
1.4	64QAM	3	0	14.43	14.33	14.45	14.70
1.4	64QAM	3	1	14.42	14.33	14.34	14.70
1.4	64QAM	3	3	14.42	14.46	14.32	14.70
1.4	64QAM	6	0	14.41	14.47	14.46	14.70
1.4	256QAM	1	0	14.36	14.47	14.47	14.70
1.4	256QAM	1	3	14.34	14.37	14.28	14.70
1.4	256QAM	1	5	14.48	14.41	14.37	14.70
1.4	256QAM	3	0	14.41	14.37	14.32	14.70
1.4	256QAM	3	1	14.27	14.26	14.31	14.70
1.4	256QAM	3	3	14.41	14.40	14.35	14.70
1.4	256QAM	6	0	14.41	14.37	14.47	14.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	18.70
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.13	17.18	17.22	18.70
20	QPSK	1	49	17.12	17.18	17.28	18.70
20	QPSK	1	99	17.15	17.24	17.36	18.70
20	QPSK	50	0	17.13	17.15	17.28	18.70
20	QPSK	50	24	17.08	17.13	17.26	18.70
20	QPSK	50	50	17.12	17.22	17.33	18.70
20	QPSK	100	0	17.13	17.21	17.30	18.70
20	16QAM	1	0	17.46	17.43	17.52	18.70
20	16QAM	1	49	17.37	17.42	17.58	18.70
20	16QAM	1	99	17.47	17.65	17.60	18.70
20	16QAM	50	0	17.14	17.19	17.30	18.70
20	16QAM	50	24	17.10	17.18	17.29	18.70
20	16QAM	50	50	17.16	17.24	17.34	18.70
20	16QAM	100	0	17.14	17.20	17.33	18.70
20	64QAM	1	0	17.30	17.36	17.39	18.70
20	64QAM	1	49	17.30	17.42	17.48	18.70
20	64QAM	1	99	17.41	17.47	17.48	18.70
20	64QAM	50	0	17.18	17.24	17.32	18.70
20	64QAM	50	24	17.13	17.23	17.34	18.70
20	64QAM	50	50	17.19	17.28	17.38	18.70
20	64QAM	100	0	17.22	17.28	17.40	18.70
20	256QAM	1	0	17.28	17.35	17.38	18.70
20	256QAM	1	49	17.27	17.37	17.45	18.70
20	256QAM	1	99	17.29	17.45	17.53	18.70
20	256QAM	50	0	17.18	17.23	17.33	18.70
20	256QAM	50	24	17.15	17.25	17.38	18.70
20	256QAM	50	50	17.18	17.30	17.38	18.70
20	256QAM	100	0	17.24	17.28	17.43	18.70
Channel				132047	132322	132597	18.70
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.04	17.15	17.16	18.70
15	QPSK	1	37	17.09	17.09	17.21	18.70
15	QPSK	1	74	17.08	17.16	17.30	18.70
15	QPSK	36	0	17.00	17.04	17.25	18.70
15	QPSK	36	20	16.98	17.06	17.25	18.70
15	QPSK	36	39	17.10	17.13	17.27	18.70
15	QPSK	75	0	16.99	17.13	17.28	18.70
15	16QAM	1	0	17.42	17.30	17.46	18.70
15	16QAM	1	37	17.31	17.40	17.46	18.70
15	16QAM	1	74	17.41	17.63	17.49	18.70
15	16QAM	36	0	17.06	17.18	17.27	18.70
15	16QAM	36	20	17.07	17.11	17.18	18.70
15	16QAM	36	39	17.15	17.20	17.31	18.70
15	16QAM	75	0	17.03	17.15	17.21	18.70
15	64QAM	1	0	17.22	17.32	17.35	18.70
15	64QAM	1	37	17.16	17.30	17.36	18.70
15	64QAM	1	74	17.27	17.46	17.40	18.70
15	64QAM	36	0	17.10	17.17	17.23	18.70
15	64QAM	36	20	17.01	17.13	17.24	18.70
15	64QAM	36	39	17.10	17.20	17.32	18.70
15	64QAM	75	0	17.15	17.18	17.37	18.70
15	256QAM	1	0	17.14	17.21	17.27	18.70
15	256QAM	1	37	17.15	17.32	17.38	18.70
15	256QAM	1	74	17.24	17.42	17.41	18.70
15	256QAM	36	0	17.13	17.15	17.23	18.70
15	256QAM	36	20	17.00	17.22	17.36	18.70
15	256QAM	36	39	17.05	17.24	17.37	18.70
15	256QAM	75	0	17.22	17.16	17.36	18.70
Channel				132022	132322	132622	18.70
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.08	17.08	17.15	18.70
10	QPSK	1	25	17.07	17.05	17.22	18.70
10	QPSK	1	49	17.12	17.10	17.24	18.70
10	QPSK	25	0	16.98	17.13	17.14	18.70
10	QPSK	25	12	17.04	17.08	17.18	18.70
10	QPSK	25	25	17.00	17.15	17.20	18.70



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10	QPSK	50	0	17.09	17.08	17.18	18.70
10	16QAM	1	0	17.41	17.36	17.44	18.70
10	16QAM	1	25	17.24	17.32	17.56	18.70
10	16QAM	1	49	17.32	17.63	17.53	18.70
10	16QAM	25	0	17.02	17.05	17.26	18.70
10	16QAM	25	12	17.05	17.09	17.21	18.70
10	16QAM	25	25	17.10	17.12	17.21	18.70
10	16QAM	50	0	17.06	17.07	17.27	18.70
10	64QAM	1	0	17.29	17.22	17.30	18.70
10	64QAM	1	25	17.17	17.37	17.42	18.70
10	64QAM	1	49	17.28	17.40	17.39	18.70
10	64QAM	25	0	17.05	17.15	17.21	18.70
10	64QAM	25	12	17.01	17.18	17.29	18.70
10	64QAM	25	25	17.10	17.25	17.25	18.70
10	64QAM	50	0	17.09	17.21	17.37	18.70
10	256QAM	1	0	17.18	17.27	17.37	18.70
10	256QAM	1	25	17.15	17.27	17.42	18.70
10	256QAM	1	49	17.15	17.38	17.51	18.70
10	256QAM	25	0	17.09	17.08	17.27	18.70
10	256QAM	25	12	17.05	17.19	17.31	18.70
10	256QAM	25	25	17.14	17.23	17.29	18.70
10	256QAM	50	0	17.10	17.20	17.32	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.11	17.13	17.15	18.70
5	QPSK	1	12	17.01	17.15	17.17	18.70
5	QPSK	1	24	17.13	17.20	17.31	18.70
5	QPSK	12	0	17.02	17.02	17.18	18.70
5	QPSK	12	7	17.01	17.07	17.21	18.70
5	QPSK	12	13	17.02	17.13	17.30	18.70
5	QPSK	25	0	17.11	17.07	17.20	18.70
5	16QAM	1	0	17.45	17.34	17.48	18.70
5	16QAM	1	12	17.31	17.30	17.50	18.70
5	16QAM	1	24	17.44	17.61	17.58	18.70
5	16QAM	12	0	16.99	17.14	17.20	18.70
5	16QAM	12	7	16.95	17.16	17.16	18.70
5	16QAM	12	13	17.07	17.12	17.20	18.70
5	16QAM	25	0	17.11	17.06	17.32	18.70
5	64QAM	1	0	17.22	17.29	17.30	18.70
5	64QAM	1	12	17.26	17.27	17.35	18.70
5	64QAM	1	24	17.28	17.41	17.36	18.70
5	64QAM	12	0	17.10	17.14	17.19	18.70
5	64QAM	12	7	17.05	17.08	17.24	18.70
5	64QAM	12	13	17.16	17.21	17.37	18.70
5	64QAM	25	0	17.14	17.14	17.34	18.70
5	256QAM	1	0	17.26	17.26	17.26	18.70
5	256QAM	1	12	17.24	17.29	17.34	18.70
5	256QAM	1	24	17.23	17.41	17.39	18.70
5	256QAM	12	0	17.07	17.09	17.25	18.70
5	256QAM	12	7	17.06	17.17	17.36	18.70
5	256QAM	12	13	17.08	17.17	17.36	18.70
5	256QAM	25	0	17.22	17.17	17.31	18.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.00	17.16	17.17	18.70
3	QPSK	1	8	17.00	17.05	17.17	18.70
3	QPSK	1	14	17.09	17.14	17.22	18.70
3	QPSK	8	0	17.07	17.13	17.24	18.70
3	QPSK	8	4	16.98	17.07	17.14	18.70
3	QPSK	8	7	17.10	17.09	17.22	18.70
3	QPSK	15	0	17.08	17.15	17.24	18.70
3	16QAM	1	0	17.36	17.34	17.48	18.70
3	16QAM	1	8	17.28	17.38	17.49	18.70
3	16QAM	1	14	17.43	17.62	17.54	18.70
3	16QAM	8	0	17.08	17.11	17.22	18.70
3	16QAM	8	4	17.00	17.13	17.22	18.70
3	16QAM	8	7	17.08	17.18	17.25	18.70
3	16QAM	15	0	17.09	17.14	17.24	18.70
3	64QAM	1	0	17.27	17.32	17.32	18.70
3	64QAM	1	8	17.23	17.38	17.41	18.70
3	64QAM	1	14	17.29	17.41	17.40	18.70
3	64QAM	8	0	17.16	17.15	17.21	18.70
3	64QAM	8	4	17.07	17.09	17.20	18.70
3	64QAM	8	7	17.05	17.25	17.36	18.70
3	64QAM	15	0	17.19	17.22	17.33	18.70
3	256QAM	1	0	17.24	17.22	17.31	18.70
3	256QAM	1	8	17.13	17.35	17.39	18.70
3	256QAM	1	14	17.27	17.36	17.42	18.70

3	256QAM	8	0	17.10	17.20	17.25	18.70
3	256QAM	8	4	17.04	17.22	17.29	18.70
3	256QAM	8	7	17.10	17.15	17.30	18.70
3	256QAM	15	0	17.17	17.19	17.35	18.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.06	17.12	17.17	18.70
1.4	QPSK	1	3	17.10	17.10	17.16	18.70
1.4	QPSK	1	5	17.11	17.20	17.35	18.70
1.4	QPSK	3	0	17.11	17.10	17.14	18.70
1.4	QPSK	3	1	16.95	17.07	17.19	18.70
1.4	QPSK	3	3	17.10	17.08	17.31	18.70
1.4	QPSK	6	0	16.99	17.16	17.20	18.70
1.4	16QAM	1	0	17.44	17.39	17.49	18.70
1.4	16QAM	1	3	17.29	17.32	17.50	18.70
1.4	16QAM	1	5	17.41	17.62	17.53	18.70
1.4	16QAM	3	0	17.05	17.05	17.26	18.70
1.4	16QAM	3	1	17.09	17.10	17.19	18.70
1.4	16QAM	3	3	17.01	17.21	17.19	18.70
1.4	16QAM	6	0	17.08	17.08	17.25	18.70
1.4	64QAM	1	0	17.19	17.22	17.31	18.70
1.4	64QAM	1	3	17.20	17.31	17.37	18.70
1.4	64QAM	1	5	17.39	17.44	17.47	18.70
1.4	64QAM	3	0	17.07	17.15	17.28	18.70
1.4	64QAM	3	1	17.03	17.13	17.27	18.70
1.4	64QAM	3	3	17.18	17.23	17.36	18.70
1.4	64QAM	6	0	17.14	17.23	17.37	18.70
1.4	256QAM	1	0	17.21	17.25	17.31	18.70
1.4	256QAM	1	3	17.20	17.24	17.43	18.70
1.4	256QAM	1	5	17.26	17.34	17.43	18.70
1.4	256QAM	3	0	17.09	17.19	17.32	18.70
1.4	256QAM	3	1	17.04	17.11	17.32	18.70
1.4	256QAM	3	3	17.14	17.18	17.24	18.70
1.4	256QAM	6	0	17.17	17.23	17.30	18.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.13	17.18	17.22	18.00
20	QPSK	1	49	17.12	17.18	17.28	18.00
20	QPSK	1	99	17.15	17.24	17.36	18.00
20	QPSK	50	0	17.13	17.15	17.28	18.00
20	QPSK	50	24	17.08	17.13	17.26	18.00
20	QPSK	50	50	17.12	17.22	17.33	18.00
20	QPSK	100	0	17.13	17.21	17.30	18.00
20	16QAM	1	0	17.46	17.43	17.52	18.00
20	16QAM	1	49	17.37	17.42	17.58	18.00
20	16QAM	1	99	17.47	17.65	17.60	18.00
20	16QAM	50	0	17.14	17.19	17.30	18.00
20	16QAM	50	24	17.10	17.18	17.29	18.00
20	16QAM	50	50	17.16	17.24	17.34	18.00
20	16QAM	100	0	17.14	17.20	17.33	18.00
20	64QAM	1	0	17.30	17.36	17.39	18.00
20	64QAM	1	49	17.30	17.42	17.48	18.00
20	64QAM	1	99	17.41	17.47	17.48	18.00
20	64QAM	50	0	17.18	17.24	17.32	18.00
20	64QAM	50	24	17.13	17.23	17.34	18.00
20	64QAM	50	50	17.19	17.28	17.38	18.00
20	64QAM	100	0	17.22	17.28	17.40	18.00
20	256QAM	1	0	17.28	17.35	17.38	18.00
20	256QAM	1	49	17.27	17.37	17.45	18.00
20	256QAM	1	99	17.29	17.45	17.53	18.00
20	256QAM	50	0	17.18	17.23	17.33	18.00
20	256QAM	50	24	17.15	17.25	17.38	18.00
20	256QAM	50	50	17.18	17.30	17.38	18.00
20	256QAM	100	0	17.24	17.28	17.43	18.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	17.04	17.15	17.16	18.00
15	QPSK	1	37	17.09	17.09	17.21	18.00
15	QPSK	1	74	17.08	17.16	17.30	18.00



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15	QPSK	36	0	17.00	17.04	17.25	18.00
15	QPSK	36	20	16.98	17.06	17.25	18.00
15	QPSK	36	39	17.10	17.13	17.27	18.00
15	QPSK	75	0	16.99	17.13	17.28	18.00
15	16QAM	1	0	17.42	17.30	17.46	18.00
15	16QAM	1	37	17.31	17.40	17.46	18.00
15	16QAM	1	74	17.41	17.63	17.49	18.00
15	16QAM	36	0	17.06	17.18	17.27	18.00
15	16QAM	36	20	17.07	17.11	17.18	18.00
15	16QAM	36	39	17.15	17.20	17.31	18.00
15	16QAM	75	0	17.03	17.15	17.21	18.00
15	64QAM	1	0	17.22	17.32	17.35	18.00
15	64QAM	1	37	17.16	17.30	17.36	18.00
15	64QAM	1	74	17.27	17.46	17.40	18.00
15	64QAM	36	0	17.10	17.17	17.23	18.00
15	64QAM	36	20	17.01	17.13	17.24	18.00
15	64QAM	36	39	17.10	17.20	17.32	18.00
15	64QAM	75	0	17.15	17.18	17.37	18.00
15	256QAM	1	0	17.14	17.21	17.27	18.00
15	256QAM	1	37	17.15	17.32	17.38	18.00
15	256QAM	1	74	17.24	17.42	17.41	18.00
15	256QAM	36	0	17.13	17.15	17.23	18.00
15	256QAM	36	20	17.00	17.22	17.36	18.00
15	256QAM	36	39	17.05	17.24	17.37	18.00
15	256QAM	75	0	17.22	17.16	17.36	18.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.08	17.08	17.15	18.00
10	QPSK	1	25	17.07	17.05	17.22	18.00
10	QPSK	1	49	17.12	17.10	17.24	18.00
10	QPSK	25	0	16.98	17.13	17.14	18.00
10	QPSK	25	12	17.04	17.08	17.18	18.00
10	QPSK	25	25	17.00	17.15	17.20	18.00
10	QPSK	50	0	17.09	17.08	17.18	18.00
10	16QAM	1	0	17.41	17.36	17.44	18.00
10	16QAM	1	25	17.24	17.32	17.56	18.00
10	16QAM	1	49	17.32	17.63	17.53	18.00
10	16QAM	25	0	17.02	17.05	17.26	18.00
10	16QAM	25	12	17.05	17.09	17.21	18.00
10	16QAM	25	25	17.10	17.12	17.21	18.00
10	16QAM	50	0	17.06	17.07	17.27	18.00
10	64QAM	1	0	17.29	17.22	17.30	18.00
10	64QAM	1	25	17.17	17.37	17.42	18.00
10	64QAM	1	49	17.28	17.40	17.39	18.00
10	64QAM	25	0	17.05	17.15	17.21	18.00
10	64QAM	25	12	17.01	17.18	17.29	18.00
10	64QAM	25	25	17.10	17.25	17.25	18.00
10	64QAM	50	0	17.09	17.21	17.37	18.00
10	256QAM	1	0	17.18	17.27	17.37	18.00
10	256QAM	1	25	17.15	17.27	17.42	18.00
10	256QAM	1	49	17.15	17.38	17.51	18.00
10	256QAM	25	0	17.09	17.08	17.27	18.00
10	256QAM	25	12	17.05	17.19	17.31	18.00
10	256QAM	25	25	17.14	17.23	17.29	18.00
10	256QAM	50	0	17.10	17.20	17.32	18.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.11	17.13	17.15	18.00
5	QPSK	1	12	17.01	17.15	17.17	18.00
5	QPSK	1	24	17.13	17.20	17.31	18.00
5	QPSK	12	0	17.02	17.02	17.18	18.00
5	QPSK	12	7	17.01	17.07	17.21	18.00
5	QPSK	12	13	17.02	17.13	17.30	18.00
5	QPSK	25	0	17.11	17.07	17.20	18.00
5	16QAM	1	0	17.45	17.34	17.48	18.00
5	16QAM	1	12	17.31	17.30	17.50	18.00
5	16QAM	1	24	17.44	17.61	17.58	18.00
5	16QAM	12	0	16.99	17.14	17.20	18.00
5	16QAM	12	7	16.95	17.16	17.16	18.00
5	16QAM	12	13	17.07	17.12	17.20	18.00
5	16QAM	25	0	17.11	17.06	17.32	18.00
5	64QAM	1	0	17.22	17.29	17.30	18.00
5	64QAM	1	12	17.26	17.27	17.35	18.00
5	64QAM	1	24	17.28	17.41	17.36	18.00
5	64QAM	12	0	17.10	17.14	17.19	18.00
5	64QAM	12	7	17.05	17.08	17.24	18.00
5	64QAM	12	13	17.16	17.21	17.37	18.00
5	64QAM	25	0	17.14	17.14	17.34	18.00

5	256QAM	1	0	17.26	17.26	17.26	18.00
5	256QAM	1	12	17.24	17.29	17.34	18.00
5	256QAM	1	24	17.23	17.41	17.39	18.00
5	256QAM	12	0	17.07	17.09	17.25	18.00
5	256QAM	12	7	17.06	17.17	17.36	18.00
5	256QAM	12	13	17.08	17.17	17.36	18.00
5	256QAM	25	0	17.22	17.17	17.31	18.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.00	17.16	17.17	18.00
3	QPSK	1	8	17.00	17.05	17.17	18.00
3	QPSK	1	14	17.09	17.14	17.22	18.00
3	QPSK	8	0	17.07	17.13	17.24	18.00
3	QPSK	8	4	16.98	17.07	17.14	18.00
3	QPSK	8	7	17.10	17.09	17.22	18.00
3	QPSK	15	0	17.08	17.15	17.24	18.00
3	16QAM	1	0	17.36	17.34	17.48	18.00
3	16QAM	1	8	17.28	17.38	17.49	18.00
3	16QAM	1	14	17.43	17.62	17.54	18.00
3	16QAM	8	0	17.08	17.11	17.22	18.00
3	16QAM	8	4	17.00	17.13	17.22	18.00
3	16QAM	8	7	17.08	17.18	17.25	18.00
3	16QAM	15	0	17.09	17.14	17.24	18.00
3	64QAM	1	0	17.27	17.32	17.32	18.00
3	64QAM	1	8	17.23	17.38	17.41	18.00
3	64QAM	1	14	17.29	17.41	17.40	18.00
3	64QAM	8	0	17.16	17.15	17.21	18.00
3	64QAM	8	4	17.07	17.09	17.20	18.00
3	64QAM	8	7	17.05	17.25	17.36	18.00
3	64QAM	15	0	17.19	17.22	17.33	18.00
3	256QAM	1	0	17.24	17.22	17.31	18.00
3	256QAM	1	8	17.13	17.35	17.39	18.00
3	256QAM	1	14	17.27	17.36	17.42	18.00
3	256QAM	8	0	17.10	17.20	17.25	18.00
3	256QAM	8	4	17.04	17.22	17.29	18.00
3	256QAM	8	7	17.10	17.15	17.30	18.00
3	256QAM	15	0	17.17	17.19	17.35	18.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.06	17.12	17.17	18.00
1.4	QPSK	1	3	17.10	17.10	17.16	18.00
1.4	QPSK	1	5	17.11	17.20	17.35	18.00
1.4	QPSK	3	0	17.11	17.10	17.14	18.00
1.4	QPSK	3	1	16.95	17.07	17.19	18.00
1.4	QPSK	3	3	17.10	17.08	17.31	18.00
1.4	QPSK	6	0	16.99	17.16	17.20	18.00
1.4	16QAM	1	0	17.44	17.39	17.49	18.00
1.4	16QAM	1	3	17.29	17.32	17.50	18.00
1.4	16QAM	1	5	17.41	17.62	17.53	18.00
1.4	16QAM	3	0	17.05	17.05	17.26	18.00
1.4	16QAM	3	1	17.09	17.10	17.19	18.00
1.4	16QAM	3	3	17.01	17.21	17.19	18.00
1.4	16QAM	6	0	17.08	17.08	17.25	18.00
1.4	64QAM	1	0	17.19	17.22	17.31	18.00
1.4	64QAM	1	3	17.20	17.31	17.37	18.00
1.4	64QAM	1	5	17.39	17.44	17.47	18.00
1.4	64QAM	3	0	17.07	17.15	17.28	18.00
1.4	64QAM	3	1	17.03	17.13	17.27	18.00
1.4	64QAM	3	3	17.18	17.23	17.36	18.00
1.4	64QAM	6	0	17.14	17.23	17.37	18.00
1.4	256QAM	1	0	17.21	17.25	17.31	18.00
1.4	256QAM	1	3	17.20	17.24	17.43	18.00
1.4	256QAM	1	5	17.26	17.34	17.43	18.00
1.4	256QAM	3	0	17.09	17.19	17.32	18.00
1.4	256QAM	3	1	17.04	17.11	17.32	18.00
1.4	256QAM	3	3	17.14	17.18	17.24	18.00
1.4	256QAM	6	0	17.17	17.23	17.30	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	



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20	QPSK	1	0	22.05	22.14	22.10	23.40
20	QPSK	1	49	21.94	22.11	22.05	23.40
20	QPSK	1	99	22.03	22.10	22.07	23.40
20	QPSK	50	0	22.02	22.08	22.07	23.40
20	QPSK	50	24	21.93	22.05	22.07	23.40
20	QPSK	50	50	22.00	22.01	22.05	23.40
20	QPSK	100	0	22.05	22.04	22.09	23.40
20	16QAM	1	0	22.35	22.45	22.30	23.40
20	16QAM	1	49	22.27	22.42	22.34	23.40
20	16QAM	1	99	22.45	22.46	22.43	23.40
20	16QAM	50	0	22.05	22.06	22.15	22.70
20	16QAM	50	24	21.98	22.08	22.12	22.70
20	16QAM	50	50	22.06	22.13	22.18	22.70
20	16QAM	100	0	22.03	22.09	22.14	22.70
20	64QAM	1	0	22.15	22.26	22.22	22.70
20	64QAM	1	49	22.11	22.28	22.31	22.70
20	64QAM	1	99	22.23	22.41	22.37	22.70
20	64QAM	50	0	21.08	21.12	21.20	21.70
20	64QAM	50	24	21.03	21.11	21.15	21.70
20	64QAM	50	50	21.10	21.16	21.22	21.70
20	64QAM	100	0	21.09	21.16	21.20	21.70
20	256QAM	1	0	19.10	19.24	19.15	19.70
20	256QAM	1	49	19.01	19.21	19.19	19.70
20	256QAM	1	99	19.23	19.25	19.31	19.70
20	256QAM	50	0	19.02	19.08	19.16	19.70
20	256QAM	50	24	19.03	19.10	19.19	19.70
20	256QAM	50	50	19.06	19.14	19.20	19.70
20	256QAM	100	0	19.07	19.10	19.21	19.70
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	21.91	22.06	21.98	23.40
15	QPSK	1	37	21.88	21.97	21.99	23.40
15	QPSK	1	74	21.94	22.04	21.92	23.40
15	QPSK	36	0	21.96	21.96	22.04	23.40
15	QPSK	36	20	21.90	21.98	22.02	23.40
15	QPSK	36	39	21.94	21.91	21.96	23.40
15	QPSK	75	0	21.99	21.91	21.98	23.40
15	16QAM	1	0	22.05	22.14	22.10	23.40
15	16QAM	1	37	22.04	22.14	22.08	23.40
15	16QAM	1	74	22.04	22.13	22.10	23.40
15	16QAM	36	0	21.93	22.02	22.09	22.70
15	16QAM	36	20	21.96	22.02	21.98	22.70
15	16QAM	36	39	22.00	22.11	22.05	22.70
15	16QAM	75	0	21.95	22.06	22.10	22.70
15	64QAM	1	0	22.05	22.14	22.10	22.70
15	64QAM	1	37	22.00	22.13	22.10	22.70
15	64QAM	1	74	22.05	22.14	22.10	22.70
15	64QAM	36	0	21.02	21.10	21.12	21.70
15	64QAM	36	20	20.93	21.09	21.07	21.70
15	64QAM	36	39	21.06	21.10	21.21	21.70
15	64QAM	75	0	20.99	21.07	21.15	21.70
15	256QAM	1	0	18.98	19.18	19.02	19.70
15	256QAM	1	37	18.96	19.13	19.12	19.70
15	256QAM	1	74	19.10	19.23	19.20	19.70
15	256QAM	36	0	18.93	18.94	19.11	19.70
15	256QAM	36	20	18.92	18.96	19.16	19.70
15	256QAM	36	39	19.04	19.03	19.16	19.70
15	256QAM	75	0	19.01	19.04	19.15	19.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	21.95	22.03	21.98	23.40
10	QPSK	1	25	21.86	21.98	21.92	23.40
10	QPSK	1	49	22.01	22.07	22.05	23.40
10	QPSK	25	0	21.90	22.04	21.96	23.40
10	QPSK	25	12	21.90	22.01	21.95	23.40
10	QPSK	25	25	21.89	22.00	21.95	23.40
10	QPSK	50	0	21.95	21.89	21.95	23.40
10	16QAM	1	0	22.05	22.14	22.10	23.40
10	16QAM	1	25	22.04	22.14	22.09	23.40
10	16QAM	1	49	22.05	22.13	22.09	23.40
10	16QAM	25	0	21.98	22.02	22.08	22.70
10	16QAM	25	12	21.92	22.01	22.00	22.70
10	16QAM	25	25	21.91	21.99	22.05	22.70
10	16QAM	50	0	21.95	22.02	22.09	22.70
10	64QAM	1	0	22.05	22.13	22.08	22.70
10	64QAM	1	25	21.98	22.13	22.10	22.70
10	64QAM	1	49	22.05	22.13	22.10	22.70
10	64QAM	25	0	21.04	21.09	21.09	21.70



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10	64QAM	25	12	20.91	21.07	21.07	21.70
10	64QAM	25	25	20.96	21.07	21.11	21.70
10	64QAM	50	0	21.01	21.12	21.12	21.70
10	256QAM	1	0	18.98	19.15	19.04	19.70
10	256QAM	1	25	18.92	19.17	19.16	19.70
10	256QAM	1	49	19.09	19.18	19.23	19.70
10	256QAM	25	0	18.92	19.07	19.11	19.70
10	256QAM	25	12	18.95	18.97	19.11	19.70
10	256QAM	25	25	18.98	19.00	19.08	19.70
10	256QAM	50	0	18.96	18.99	19.13	19.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.92	22.00	21.95	23.40
5	QPSK	1	12	21.85	21.98	21.97	23.40
5	QPSK	1	24	21.90	21.97	22.00	23.40
5	QPSK	12	0	21.97	22.04	21.99	23.40
5	QPSK	12	7	21.91	22.02	21.97	23.40
5	QPSK	12	13	21.98	21.95	22.00	23.40
5	QPSK	25	0	21.94	21.95	22.02	23.40
5	16QAM	1	0	22.04	22.14	22.10	23.40
5	16QAM	1	12	22.05	22.14	22.10	23.40
5	16QAM	1	24	22.04	22.13	22.09	23.40
5	16QAM	12	0	21.95	22.02	22.09	22.70
5	16QAM	12	7	21.94	21.96	22.07	22.70
5	16QAM	12	13	22.04	22.01	22.09	22.70
5	16QAM	25	0	21.94	22.07	22.02	22.70
5	64QAM	1	0	22.04	22.14	22.10	22.70
5	64QAM	1	12	21.97	22.14	22.08	22.70
5	64QAM	1	24	22.04	22.12	22.09	22.70
5	64QAM	12	0	20.95	21.05	21.09	21.70
5	64QAM	12	7	21.00	21.09	21.08	21.70
5	64QAM	12	13	21.07	21.12	21.16	21.70
5	64QAM	25	0	21.02	21.09	21.10	21.70
5	256QAM	1	0	19.05	19.14	19.08	19.70
5	256QAM	1	12	18.92	19.13	19.14	19.70
5	256QAM	1	24	19.20	19.22	19.21	19.70
5	256QAM	12	0	18.97	18.94	19.10	19.70
5	256QAM	12	7	18.90	19.05	19.12	19.70
5	256QAM	12	13	19.02	19.00	19.15	19.70
5	256QAM	25	0	19.01	19.08	19.18	19.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.99	22.10	21.96	23.40
3	QPSK	1	8	21.93	22.08	21.91	23.40
3	QPSK	1	14	21.92	22.01	21.98	23.40
3	QPSK	8	0	21.91	21.99	22.03	23.40
3	QPSK	8	4	21.91	21.97	22.00	23.40
3	QPSK	8	7	21.94	21.99	21.98	23.40
3	QPSK	15	0	21.94	21.98	22.04	23.40
3	16QAM	1	0	22.04	22.14	22.09	23.40
3	16QAM	1	8	22.05	22.14	22.10	23.40
3	16QAM	1	14	22.04	22.14	22.10	23.40
3	16QAM	8	0	22.03	22.03	22.09	22.70
3	16QAM	8	4	21.88	22.01	22.06	22.70
3	16QAM	8	7	22.04	22.09	22.04	22.70
3	16QAM	15	0	21.97	22.02	22.03	22.70
3	64QAM	1	0	22.00	22.12	22.10	22.70
3	64QAM	1	8	21.99	22.14	22.10	22.70
3	64QAM	1	14	22.04	22.14	22.10	22.70
3	64QAM	8	0	21.01	21.09	21.13	21.70
3	64QAM	8	4	20.93	21.08	21.08	21.70
3	64QAM	8	7	20.98	21.08	21.18	21.70
3	64QAM	15	0	20.96	21.07	21.07	21.70
3	256QAM	1	0	19.00	19.22	19.02	19.70
3	256QAM	1	8	18.87	19.16	19.12	19.70
3	256QAM	1	14	19.15	19.14	19.22	19.70
3	256QAM	8	0	19.01	18.97	19.07	19.70
3	256QAM	8	4	18.92	18.96	19.11	19.70
3	256QAM	8	7	18.94	19.02	19.09	19.70
3	256QAM	15	0	18.94	19.08	19.11	19.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.01	22.09	22.01	23.40
1.4	QPSK	1	3	21.92	22.07	22.00	23.40
1.4	QPSK	1	5	21.94	22.09	22.05	23.40
1.4	QPSK	3	0	21.89	21.97	21.96	23.40
1.4	QPSK	3	1	21.82	21.98	21.97	23.40
1.4	QPSK	3	3	21.87	21.91	21.99	23.40

1.4	QPSK	6	0	21.92	22.02	21.99	23.40
1.4	16QAM	1	0	22.04	22.13	22.09	23.40
1.4	16QAM	1	3	22.05	22.14	22.09	23.40
1.4	16QAM	1	5	22.04	22.14	22.10	23.40
1.4	16QAM	3	0	22.04	22.13	22.09	23.40
1.4	16QAM	3	1	22.04	22.13	22.10	23.40
1.4	16QAM	3	3	22.05	22.13	22.10	23.40
1.4	16QAM	6	0	21.99	22.00	22.09	22.70
1.4	64QAM	1	0	22.03	22.14	22.10	22.70
1.4	64QAM	1	3	21.97	22.14	22.10	22.70
1.4	64QAM	1	5	22.05	22.13	22.09	22.70
1.4	64QAM	3	0	22.04	22.00	22.09	22.70
1.4	64QAM	3	1	22.01	22.02	22.09	22.70
1.4	64QAM	3	3	21.96	22.09	22.10	22.70
1.4	64QAM	6	0	20.96	21.09	21.06	21.70
1.4	256QAM	1	0	18.97	19.21	19.05	19.70
1.4	256QAM	1	3	18.95	19.19	19.13	19.70
1.4	256QAM	1	5	19.20	19.19	19.19	19.70
1.4	256QAM	3	0	18.97	19.02	19.04	19.70
1.4	256QAM	3	1	18.92	19.05	19.09	19.70
1.4	256QAM	3	3	18.98	19.04	19.19	19.70
1.4	256QAM	6	0	18.98	19.08	19.09	19.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.05	22.14	22.10	22.60
20	QPSK	1	49	21.94	22.11	22.05	22.60
20	QPSK	1	99	22.03	22.10	22.07	22.60
20	QPSK	50	0	22.02	22.08	22.07	22.60
20	QPSK	50	24	21.93	22.05	22.07	22.60
20	QPSK	50	50	22.00	22.01	22.05	22.60
20	QPSK	100	0	22.05	22.04	22.09	22.60
20	16QAM	1	0	22.35	22.45	22.30	22.60
20	16QAM	1	49	22.27	22.42	22.34	22.60
20	16QAM	1	99	22.45	22.46	22.43	22.60
20	16QAM	50	0	22.05	22.06	22.15	22.60
20	16QAM	50	24	21.98	22.08	22.12	22.60
20	16QAM	50	50	22.06	22.13	22.18	22.60
20	16QAM	100	0	22.03	22.09	22.14	22.60
20	64QAM	1	0	22.15	22.26	22.22	22.60
20	64QAM	1	49	22.11	22.28	22.31	22.60
20	64QAM	1	99	22.23	22.41	22.37	22.60
20	64QAM	50	0	21.08	21.12	21.20	21.60
20	64QAM	50	24	21.03	21.11	21.15	21.60
20	64QAM	50	50	21.10	21.16	21.22	21.60
20	64QAM	100	0	21.09	21.16	21.20	21.60
20	256QAM	1	0	19.10	19.24	19.15	19.60
20	256QAM	1	49	19.01	19.21	19.19	19.60
20	256QAM	1	99	19.23	19.25	19.31	19.60
20	256QAM	50	0	19.02	19.08	19.16	19.60
20	256QAM	50	24	19.03	19.10	19.19	19.60
20	256QAM	50	50	19.06	19.14	19.20	19.60
20	256QAM	100	0	19.07	19.10	19.21	19.60
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.91	22.06	21.98	22.60
15	QPSK	1	37	21.88	21.97	21.99	22.60
15	QPSK	1	74	21.94	22.04	21.92	22.60
15	QPSK	36	0	21.96	21.96	22.04	22.60
15	QPSK	36	20	21.90	21.98	22.02	22.60
15	QPSK	36	39	21.94	21.91	21.96	22.60
15	QPSK	75	0	21.99	21.91	21.98	22.60
15	16QAM	1	0	22.05	22.14	22.10	22.60
15	16QAM	1	37	22.04	22.14	22.08	22.60
15	16QAM	1	74	22.04	22.13	22.10	22.60
15	16QAM	36	0	21.93	22.02	22.09	22.60
15	16QAM	36	20	21.96	22.02	21.98	22.60
15	16QAM	36	39	22.00	22.11	22.05	22.60
15	16QAM	75	0	21.95	22.06	22.10	22.60
15	64QAM	1	0	22.05	22.14	22.10	22.60



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15	64QAM	1	37	22.00	22.13	22.10	22.60
15	64QAM	1	74	22.05	22.14	22.10	22.60
15	64QAM	36	0	21.02	21.10	21.12	21.60
15	64QAM	36	20	20.93	21.09	21.07	21.60
15	64QAM	36	39	21.06	21.10	21.21	21.60
15	64QAM	75	0	20.99	21.07	21.15	21.60
15	256QAM	1	0	18.98	19.18	19.02	19.60
15	256QAM	1	37	18.96	19.13	19.12	19.60
15	256QAM	1	74	19.10	19.23	19.20	19.60
15	256QAM	36	0	18.93	18.94	19.11	19.60
15	256QAM	36	20	18.92	18.96	19.16	19.60
15	256QAM	36	39	19.04	19.03	19.16	19.60
15	256QAM	75	0	19.01	19.04	19.15	19.60
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	21.95	22.03	21.98	22.60
10	QPSK	1	25	21.86	21.98	21.92	22.60
10	QPSK	1	49	22.01	22.07	22.05	22.60
10	QPSK	25	0	21.90	22.04	21.96	22.60
10	QPSK	25	12	21.90	22.01	21.95	22.60
10	QPSK	25	25	21.89	22.00	21.95	22.60
10	QPSK	50	0	21.95	21.89	21.95	22.60
10	16QAM	1	0	22.05	22.14	22.10	22.60
10	16QAM	1	25	22.04	22.14	22.09	22.60
10	16QAM	1	49	22.05	22.13	22.09	22.60
10	16QAM	25	0	21.98	22.02	22.08	22.60
10	16QAM	25	12	21.92	22.01	22.00	22.60
10	16QAM	25	25	21.91	21.99	22.05	22.60
10	16QAM	50	0	21.95	22.02	22.09	22.60
10	64QAM	1	0	22.05	22.13	22.08	22.60
10	64QAM	1	25	21.98	22.13	22.10	22.60
10	64QAM	1	49	22.05	22.13	22.10	22.60
10	64QAM	25	0	21.04	21.09	21.09	21.60
10	64QAM	25	12	20.91	21.07	21.07	21.60
10	64QAM	25	25	20.96	21.07	21.11	21.60
10	64QAM	50	0	21.01	21.12	21.12	21.60
10	256QAM	1	0	18.98	19.15	19.04	19.60
10	256QAM	1	25	18.92	19.17	19.16	19.60
10	256QAM	1	49	19.09	19.18	19.23	19.60
10	256QAM	25	0	18.92	19.07	19.11	19.60
10	256QAM	25	12	18.95	18.97	19.11	19.60
10	256QAM	25	25	18.98	19.00	19.08	19.60
10	256QAM	50	0	18.96	18.99	19.13	19.60
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.92	22.00	21.95	22.60
5	QPSK	1	12	21.85	21.98	21.97	22.60
5	QPSK	1	24	21.90	21.97	22.00	22.60
5	QPSK	12	0	21.97	22.04	21.99	22.60
5	QPSK	12	7	21.91	22.02	21.97	22.60
5	QPSK	12	13	21.98	21.95	22.00	22.60
5	QPSK	25	0	21.94	21.95	22.02	22.60
5	16QAM	1	0	22.04	22.14	22.10	22.60
5	16QAM	1	12	22.05	22.14	22.10	22.60
5	16QAM	1	24	22.04	22.13	22.09	22.60
5	16QAM	12	0	21.95	22.02	22.09	22.60
5	16QAM	12	7	21.94	21.96	22.07	22.60
5	16QAM	12	13	22.04	22.01	22.09	22.60
5	16QAM	25	0	21.94	22.07	22.02	22.60
5	64QAM	1	0	22.04	22.14	22.10	22.60
5	64QAM	1	12	21.97	22.14	22.08	22.60
5	64QAM	1	24	22.04	22.12	22.09	22.60
5	64QAM	12	0	20.95	21.05	21.09	21.60
5	64QAM	12	7	21.00	21.09	21.08	21.60
5	64QAM	12	13	21.07	21.12	21.16	21.60
5	64QAM	25	0	21.02	21.09	21.10	21.60
5	256QAM	1	0	19.05	19.14	19.08	19.60
5	256QAM	1	12	18.92	19.13	19.14	19.60
5	256QAM	1	24	19.20	19.22	19.21	19.60
5	256QAM	12	0	18.97	18.94	19.10	19.60
5	256QAM	12	7	18.90	19.05	19.12	19.60
5	256QAM	12	13	19.02	19.00	19.15	19.60
5	256QAM	25	0	19.01	19.08	19.18	19.60
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.99	22.10	21.96	22.60
3	QPSK	1	8	21.93	22.08	21.91	22.60
3	QPSK	1	14	21.92	22.01	21.98	22.60

3	QPSK	8	0	21.91	21.99	22.03	22.60
3	QPSK	8	4	21.91	21.97	22.00	22.60
3	QPSK	8	7	21.94	21.99	21.98	22.60
3	QPSK	15	0	21.94	21.98	22.04	22.60
3	16QAM	1	0	22.04	22.14	22.09	22.60
3	16QAM	1	8	22.05	22.14	22.10	22.60
3	16QAM	1	14	22.04	22.14	22.10	22.60
3	16QAM	8	0	22.03	22.03	22.09	22.60
3	16QAM	8	4	21.88	22.01	22.06	22.60
3	16QAM	8	7	22.04	22.09	22.04	22.60
3	16QAM	15	0	21.97	22.02	22.03	22.60
3	64QAM	1	0	22.00	22.12	22.10	22.60
3	64QAM	1	8	21.99	22.14	22.10	22.60
3	64QAM	1	14	22.04	22.14	22.10	22.60
3	64QAM	8	0	21.01	21.09	21.13	21.60
3	64QAM	8	4	20.93	21.08	21.08	21.60
3	64QAM	8	7	20.98	21.08	21.18	21.60
3	64QAM	15	0	20.96	21.07	21.07	21.60
3	256QAM	1	0	19.00	19.22	19.02	19.60
3	256QAM	1	8	18.87	19.16	19.12	19.60
3	256QAM	1	14	19.15	19.14	19.22	19.60
3	256QAM	8	0	19.01	18.97	19.07	19.60
3	256QAM	8	4	18.92	18.96	19.11	19.60
3	256QAM	8	7	18.94	19.02	19.09	19.60
3	256QAM	15	0	18.94	19.08	19.11	19.60
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.01	22.09	22.01	22.60
1.4	QPSK	1	3	21.92	22.07	22.00	22.60
1.4	QPSK	1	5	21.94	22.09	22.05	22.60
1.4	QPSK	3	0	21.89	21.97	21.96	22.60
1.4	QPSK	3	1	21.82	21.98	21.97	22.60
1.4	QPSK	3	3	21.87	21.91	21.99	22.60
1.4	QPSK	6	0	21.92	22.02	21.99	22.60
1.4	16QAM	1	0	22.04	22.13	22.09	22.60
1.4	16QAM	1	3	22.05	22.14	22.09	22.60
1.4	16QAM	1	5	22.04	22.14	22.10	22.60
1.4	16QAM	3	0	22.04	22.13	22.09	22.60
1.4	16QAM	3	1	22.04	22.13	22.10	22.60
1.4	16QAM	3	3	22.05	22.13	22.10	22.60
1.4	16QAM	6	0	21.99	22.00	22.09	22.60
1.4	64QAM	1	0	22.03	22.14	22.10	22.60
1.4	64QAM	1	3	21.97	22.14	22.10	22.60
1.4	64QAM	1	5	22.05	22.13	22.09	22.60
1.4	64QAM	3	0	22.04	22.00	22.09	22.60
1.4	64QAM	3	1	22.01	22.02	22.09	22.60
1.4	64QAM	3	3	21.96	22.09	22.10	22.60
1.4	64QAM	6	0	20.96	21.09	21.06	21.60
1.4	256QAM	1	0	18.97	19.21	19.05	19.60
1.4	256QAM	1	3	18.95	19.19	19.13	19.60
1.4	256QAM	1	5	19.20	19.19	19.19	19.60
1.4	256QAM	3	0	18.97	19.02	19.04	19.60
1.4	256QAM	3	1	18.92	19.05	19.09	19.60
1.4	256QAM	3	3	18.98	19.04	19.19	19.60
1.4	256QAM	6	0	18.98	19.08	19.09	19.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.05	22.14	22.10	22.60
20	QPSK	1	49	21.94	22.11	22.05	22.60
20	QPSK	1	99	22.03	22.10	22.07	22.60
20	QPSK	50	0	22.02	22.08	22.07	22.60
20	QPSK	50	24	21.93	22.05	22.07	22.60
20	QPSK	50	50	22.00	22.01	22.05	22.60
20	QPSK	100	0	22.05	22.04	22.09	22.60
20	16QAM	1	0	22.35	22.45	22.30	22.60
20	16QAM	1	49	22.27	22.42	22.34	22.60
20	16QAM	1	99	22.45	22.46	22.43	22.60
20	16QAM	50	0	22.05	22.06	22.15	22.60
20	16QAM	50	24	21.98	22.08	22.12	22.60



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20	16QAM	50	50	22.06	22.13	22.18	22.60
20	16QAM	100	0	22.03	22.09	22.14	22.60
20	64QAM	1	0	22.15	22.26	22.22	22.60
20	64QAM	1	49	22.11	22.28	22.31	22.60
20	64QAM	1	99	22.23	22.41	22.37	22.60
20	64QAM	50	0	21.08	21.12	21.20	21.60
20	64QAM	50	24	21.03	21.11	21.15	21.60
20	64QAM	50	50	21.10	21.16	21.22	21.60
20	64QAM	100	0	21.09	21.16	21.20	21.60
20	256QAM	1	0	19.10	19.24	19.15	19.60
20	256QAM	1	49	19.01	19.21	19.19	19.60
20	256QAM	1	99	19.23	19.25	19.31	19.60
20	256QAM	50	0	19.02	19.08	19.16	19.60
20	256QAM	50	24	19.03	19.10	19.19	19.60
20	256QAM	50	50	19.06	19.14	19.20	19.60
20	256QAM	100	0	19.07	19.10	19.21	19.60
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	21.91	22.06	21.98	22.60
15	QPSK	1	37	21.88	21.97	21.99	22.60
15	QPSK	1	74	21.94	22.04	21.92	22.60
15	QPSK	36	0	21.96	21.96	22.04	22.60
15	QPSK	36	20	21.90	21.98	22.02	22.60
15	QPSK	36	39	21.94	21.91	21.96	22.60
15	QPSK	75	0	21.99	21.91	21.98	22.60
15	16QAM	1	0	22.05	22.14	22.10	22.60
15	16QAM	1	37	22.04	22.14	22.08	22.60
15	16QAM	1	74	22.04	22.13	22.10	22.60
15	16QAM	36	0	21.93	22.02	22.09	22.60
15	16QAM	36	20	21.96	22.02	21.98	22.60
15	16QAM	36	39	22.00	22.11	22.05	22.60
15	16QAM	75	0	21.95	22.06	22.10	22.60
15	64QAM	1	0	22.05	22.14	22.10	22.60
15	64QAM	1	37	22.00	22.13	22.10	22.60
15	64QAM	1	74	22.05	22.14	22.10	22.60
15	64QAM	36	0	21.02	21.10	21.12	21.60
15	64QAM	36	20	20.93	21.09	21.07	21.60
15	64QAM	36	39	21.06	21.10	21.21	21.60
15	64QAM	75	0	20.99	21.07	21.15	21.60
15	256QAM	1	0	18.98	19.18	19.02	19.60
15	256QAM	1	37	18.96	19.13	19.12	19.60
15	256QAM	1	74	19.10	19.23	19.20	19.60
15	256QAM	36	0	18.93	18.94	19.11	19.60
15	256QAM	36	20	18.92	18.96	19.16	19.60
15	256QAM	36	39	19.04	19.03	19.16	19.60
15	256QAM	75	0	19.01	19.04	19.15	19.60
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	21.95	22.03	21.98	22.60
10	QPSK	1	25	21.86	21.98	21.92	22.60
10	QPSK	1	49	22.01	22.07	22.05	22.60
10	QPSK	25	0	21.90	22.04	21.96	22.60
10	QPSK	25	12	21.90	22.01	21.95	22.60
10	QPSK	25	25	21.89	22.00	21.95	22.60
10	QPSK	50	0	21.95	21.89	21.95	22.60
10	16QAM	1	0	22.05	22.14	22.10	22.60
10	16QAM	1	25	22.04	22.14	22.09	22.60
10	16QAM	1	49	22.05	22.13	22.09	22.60
10	16QAM	25	0	21.98	22.02	22.08	22.60
10	16QAM	25	12	21.92	22.01	22.00	22.60
10	16QAM	25	25	21.91	21.99	22.05	22.60
10	16QAM	50	0	21.95	22.02	22.09	22.60
10	64QAM	1	0	22.05	22.13	22.08	22.60
10	64QAM	1	25	21.98	22.13	22.10	22.60
10	64QAM	1	49	22.05	22.13	22.10	22.60
10	64QAM	25	0	21.04	21.09	21.09	21.60
10	64QAM	25	12	20.91	21.07	21.07	21.60
10	64QAM	25	25	20.96	21.07	21.11	21.60
10	64QAM	50	0	21.01	21.12	21.12	21.60
10	256QAM	1	0	18.98	19.15	19.04	19.60
10	256QAM	1	25	18.92	19.17	19.16	19.60
10	256QAM	1	49	19.09	19.18	19.23	19.60
10	256QAM	25	0	18.92	19.07	19.11	19.60
10	256QAM	25	12	18.95	18.97	19.11	19.60
10	256QAM	25	25	18.98	19.00	19.08	19.60
10	256QAM	50	0	18.96	18.99	19.13	19.60
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)



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5	QPSK	1	0	21.92	22.00	21.95	22.60
5	QPSK	1	12	21.85	21.98	21.97	22.60
5	QPSK	1	24	21.90	21.97	22.00	22.60
5	QPSK	12	0	21.97	22.04	21.99	22.60
5	QPSK	12	7	21.91	22.02	21.97	22.60
5	QPSK	12	13	21.98	21.95	22.00	22.60
5	QPSK	25	0	21.94	21.95	22.02	22.60
5	16QAM	1	0	22.04	22.14	22.10	22.60
5	16QAM	1	12	22.05	22.14	22.10	22.60
5	16QAM	1	24	22.04	22.13	22.09	22.60
5	16QAM	12	0	21.95	22.02	22.09	22.60
5	16QAM	12	7	21.94	21.96	22.07	22.60
5	16QAM	12	13	22.04	22.01	22.09	22.60
5	16QAM	25	0	21.94	22.07	22.02	22.60
5	64QAM	1	0	22.04	22.14	22.10	22.60
5	64QAM	1	12	21.97	22.14	22.08	22.60
5	64QAM	1	24	22.04	22.12	22.09	22.60
5	64QAM	12	0	20.95	21.05	21.09	21.60
5	64QAM	12	7	21.00	21.09	21.08	21.60
5	64QAM	12	13	21.07	21.12	21.16	21.60
5	64QAM	25	0	21.02	21.09	21.10	21.60
5	256QAM	1	0	19.05	19.14	19.08	19.60
5	256QAM	1	12	18.92	19.13	19.14	19.60
5	256QAM	1	24	19.20	19.22	19.21	19.60
5	256QAM	12	0	18.97	18.94	19.10	19.60
5	256QAM	12	7	18.90	19.05	19.12	19.60
5	256QAM	12	13	19.02	19.00	19.15	19.60
5	256QAM	25	0	19.01	19.08	19.18	19.60
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.99	22.10	21.96	22.60
3	QPSK	1	8	21.93	22.08	21.91	22.60
3	QPSK	1	14	21.92	22.01	21.98	22.60
3	QPSK	8	0	21.91	21.99	22.03	22.60
3	QPSK	8	4	21.91	21.97	22.00	22.60
3	QPSK	8	7	21.94	21.99	21.98	22.60
3	QPSK	15	0	21.94	21.98	22.04	22.60
3	16QAM	1	0	22.04	22.14	22.09	22.60
3	16QAM	1	8	22.05	22.14	22.10	22.60
3	16QAM	1	14	22.04	22.14	22.10	22.60
3	16QAM	8	0	22.03	22.03	22.09	22.60
3	16QAM	8	4	21.88	22.01	22.06	22.60
3	16QAM	8	7	22.04	22.09	22.04	22.60
3	16QAM	15	0	21.97	22.02	22.03	22.60
3	64QAM	1	0	22.00	22.12	22.10	22.60
3	64QAM	1	8	21.99	22.14	22.10	22.60
3	64QAM	1	14	22.04	22.14	22.10	22.60
3	64QAM	8	0	21.01	21.09	21.13	21.60
3	64QAM	8	4	20.93	21.08	21.08	21.60
3	64QAM	8	7	20.98	21.08	21.18	21.60
3	64QAM	15	0	20.96	21.07	21.07	21.60
3	256QAM	1	0	19.00	19.22	19.02	19.60
3	256QAM	1	8	18.87	19.16	19.12	19.60
3	256QAM	1	14	19.15	19.14	19.22	19.60
3	256QAM	8	0	19.01	18.97	19.07	19.60
3	256QAM	8	4	18.92	18.96	19.11	19.60
3	256QAM	8	7	18.94	19.02	19.09	19.60
3	256QAM	15	0	18.94	19.08	19.11	19.60
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.01	22.09	22.01	22.60
1.4	QPSK	1	3	21.92	22.07	22.00	22.60
1.4	QPSK	1	5	21.94	22.09	22.05	22.60
1.4	QPSK	3	0	21.89	21.97	21.96	22.60
1.4	QPSK	3	1	21.82	21.98	21.97	22.60
1.4	QPSK	3	3	21.87	21.91	21.99	22.60
1.4	QPSK	6	0	21.92	22.02	21.99	22.60
1.4	16QAM	1	0	22.04	22.13	22.09	22.60
1.4	16QAM	1	3	22.05	22.14	22.09	22.60
1.4	16QAM	1	5	22.04	22.14	22.10	22.60
1.4	16QAM	3	0	22.04	22.13	22.09	22.60
1.4	16QAM	3	1	22.04	22.13	22.10	22.60
1.4	16QAM	3	3	22.05	22.13	22.10	22.60
1.4	16QAM	6	0	21.99	22.00	22.09	22.60
1.4	64QAM	1	0	22.03	22.14	22.10	22.60
1.4	64QAM	1	3	21.97	22.14	22.10	22.60
1.4	64QAM	1	5	22.05	22.13	22.09	22.60
1.4	64QAM	3	0	22.04	22.00	22.09	22.60

1.4	64QAM	3	1	22.01	22.02	22.09	22.60
1.4	64QAM	3	3	21.96	22.09	22.10	22.60
1.4	64QAM	6	0	20.96	21.09	21.06	21.60
1.4	256QAM	1	0	18.97	19.21	19.05	19.60
1.4	256QAM	1	3	18.95	19.19	19.13	19.60
1.4	256QAM	1	5	19.20	19.19	19.19	19.60
1.4	256QAM	3	0	18.97	19.02	19.04	19.60
1.4	256QAM	3	1	18.92	19.05	19.09	19.60
1.4	256QAM	3	3	18.98	19.04	19.19	19.60
1.4	256QAM	6	0	18.98	19.08	19.09	19.60

【LTE Band 66_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.92	24.00	23.93	25.00
20	QPSK	1	49	23.84	23.91	23.83	25.00
20	QPSK	1	99	23.91	23.85	23.92	25.00
20	QPSK	50	0	22.92	22.94	22.91	24.00
20	QPSK	50	24	22.84	22.85	22.80	24.00
20	QPSK	50	50	22.91	22.90	22.90	24.00
20	QPSK	100	0	22.91	22.89	22.89	24.00
20	16QAM	1	0	23.28	23.15	23.13	24.00
20	16QAM	1	49	23.06	23.17	23.07	24.00
20	16QAM	1	99	23.23	23.25	23.20	24.00
20	16QAM	50	0	21.92	21.90	21.93	23.00
20	16QAM	50	24	21.87	21.86	21.81	23.00
20	16QAM	50	50	21.96	21.95	21.89	23.00
20	16QAM	100	0	21.90	21.90	21.90	23.00
20	64QAM	1	0	22.16	22.09	22.00	23.00
20	64QAM	1	49	22.08	22.14	21.93	23.00
20	64QAM	1	99	22.22	22.19	22.13	23.00
20	64QAM	50	0	20.95	20.91	20.93	22.00
20	64QAM	50	24	20.95	20.91	20.91	22.00
20	64QAM	50	50	20.99	20.99	20.94	22.00
20	64QAM	100	0	21.00	20.98	20.94	22.00
20	256QAM	1	0	19.09	19.07	19.00	20.00
20	256QAM	1	49	19.05	19.01	18.94	20.00
20	256QAM	1	99	19.17	19.11	19.03	20.00
20	256QAM	50	0	18.92	18.94	18.91	20.00
20	256QAM	50	24	18.89	18.91	18.86	20.00
20	256QAM	50	50	18.97	18.94	18.93	20.00
20	256QAM	100	0	18.99	18.95	18.96	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.97	23.87	25.00
15	QPSK	1	37	23.96	23.96	23.92	25.00
15	QPSK	1	74	23.99	23.96	23.99	25.00
15	QPSK	36	0	22.86	22.87	22.80	24.00
15	QPSK	36	20	22.85	22.86	22.78	24.00
15	QPSK	36	39	22.91	22.90	22.87	24.00
15	QPSK	75	0	22.87	22.88	22.82	24.00
15	16QAM	1	0	23.30	23.18	23.19	24.00
15	16QAM	1	37	23.23	23.24	23.11	24.00
15	16QAM	1	74	23.33	23.33	23.25	24.00
15	16QAM	36	0	21.93	21.89	21.84	23.00
15	16QAM	36	20	21.90	21.89	21.85	23.00
15	16QAM	36	39	21.97	21.91	21.91	23.00
15	16QAM	75	0	21.89	21.88	21.86	23.00
15	64QAM	1	0	22.17	22.09	22.04	23.00
15	64QAM	1	37	22.02	22.06	22.00	23.00
15	64QAM	1	74	22.16	22.16	22.11	23.00
15	64QAM	36	0	20.97	20.95	20.88	22.00
15	64QAM	36	20	20.94	20.98	20.90	22.00
15	64QAM	36	39	20.97	20.97	20.94	22.00
15	64QAM	75	0	20.92	20.92	20.87	22.00
15	256QAM	1	0	19.08	19.02	19.04	20.00



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15	256QAM	1	37	19.02	19.02	18.94	20.00
15	256QAM	1	74	19.17	19.13	19.07	20.00
15	256QAM	36	0	18.96	18.92	18.87	20.00
15	256QAM	36	20	18.91	18.92	18.86	20.00
15	256QAM	36	39	18.97	18.94	18.93	20.00
15	256QAM	75	0	18.93	18.93	18.93	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.91	23.95	23.83	25.00
10	QPSK	1	25	23.87	23.95	23.84	25.00
10	QPSK	1	49	23.97	23.96	23.95	25.00
10	QPSK	25	0	22.96	22.93	22.91	24.00
10	QPSK	25	12	22.93	22.91	22.89	24.00
10	QPSK	25	25	22.95	22.95	22.91	24.00
10	QPSK	50	0	22.90	22.90	22.88	24.00
10	16QAM	1	0	23.26	23.14	23.11	24.00
10	16QAM	1	25	23.24	23.24	23.13	24.00
10	16QAM	1	49	23.27	23.27	23.15	24.00
10	16QAM	25	0	21.97	21.91	21.92	23.00
10	16QAM	25	12	21.95	21.91	21.89	23.00
10	16QAM	25	25	21.96	21.95	21.92	23.00
10	16QAM	50	0	21.92	21.92	21.91	23.00
10	64QAM	1	0	22.06	22.07	21.98	23.00
10	64QAM	1	25	22.06	22.10	22.03	23.00
10	64QAM	1	49	22.11	22.16	22.07	23.00
10	64QAM	25	0	20.96	20.94	20.91	22.00
10	64QAM	25	12	20.96	20.94	20.92	22.00
10	64QAM	25	25	20.96	20.98	20.91	22.00
10	64QAM	50	0	20.96	20.93	20.93	22.00
10	256QAM	1	0	19.08	18.97	19.00	20.00
10	256QAM	1	25	19.04	19.06	19.00	20.00
10	256QAM	1	49	19.04	19.09	18.99	20.00
10	256QAM	25	0	18.98	18.93	18.90	20.00
10	256QAM	25	12	18.98	18.90	18.89	20.00
10	256QAM	25	25	18.94	18.96	18.97	20.00
10	256QAM	50	0	18.96	18.91	18.92	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.92	23.91	23.94	25.00
5	QPSK	1	12	23.92	23.96	23.86	25.00
5	QPSK	1	24	23.99	23.95	23.88	25.00
5	QPSK	12	0	22.94	22.86	22.86	24.00
5	QPSK	12	7	22.87	22.82	22.81	24.00
5	QPSK	12	13	22.94	22.92	22.87	24.00
5	QPSK	25	0	22.96	22.94	22.95	24.00
5	16QAM	1	0	23.23	23.23	23.21	24.00
5	16QAM	1	12	23.16	23.09	23.12	24.00
5	16QAM	1	24	23.23	23.27	23.17	24.00
5	16QAM	12	0	22.03	21.91	21.90	23.00
5	16QAM	12	7	21.93	21.89	21.87	23.00
5	16QAM	12	13	21.96	21.93	21.85	23.00
5	16QAM	25	0	21.97	21.92	21.91	23.00
5	64QAM	1	0	22.16	22.08	22.12	23.00
5	64QAM	1	12	22.18	22.07	22.07	23.00
5	64QAM	1	24	22.22	22.24	22.05	23.00
5	64QAM	12	0	21.04	20.99	20.95	22.00
5	64QAM	12	7	20.97	20.96	20.90	22.00
5	64QAM	12	13	21.03	21.02	20.93	22.00
5	64QAM	25	0	21.04	20.95	20.92	22.00
5	256QAM	1	0	19.10	19.01	18.98	20.00
5	256QAM	1	12	19.03	18.98	18.99	20.00
5	256QAM	1	24	19.07	19.06	19.02	20.00
5	256QAM	12	0	18.96	18.96	18.93	20.00
5	256QAM	12	7	18.94	18.92	18.84	20.00
5	256QAM	12	13	18.98	18.95	18.87	20.00
5	256QAM	25	0	19.04	18.96	18.95	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.89	23.89	23.86	25.00
3	QPSK	1	8	23.88	23.91	23.85	25.00
3	QPSK	1	14	23.90	23.90	23.89	25.00
3	QPSK	8	0	22.96	22.91	22.89	24.00
3	QPSK	8	4	22.91	22.88	22.85	24.00
3	QPSK	8	7	22.92	22.92	22.87	24.00
3	QPSK	15	0	22.94	22.91	22.89	24.00
3	16QAM	1	0	23.15	23.15	23.11	24.00
3	16QAM	1	8	23.11	23.21	23.11	24.00
3	16QAM	1	14	23.21	23.25	23.09	24.00

3	16QAM	8	0	22.02	21.95	21.96	23.00
3	16QAM	8	4	21.95	21.95	21.89	23.00
3	16QAM	8	7	22.01	22.00	21.92	23.00
3	16QAM	15	0	21.95	21.97	21.91	23.00
3	64QAM	1	0	22.13	22.03	22.08	23.00
3	64QAM	1	8	22.06	22.03	21.98	23.00
3	64QAM	1	14	22.10	22.06	22.08	23.00
3	64QAM	8	0	20.98	20.91	20.92	22.00
3	64QAM	8	4	20.99	20.95	20.88	22.00
3	64QAM	8	7	20.97	20.98	20.91	22.00
3	64QAM	15	0	21.02	20.99	20.96	22.00
3	256QAM	1	0	19.06	19.01	19.02	20.00
3	256QAM	1	8	19.03	19.05	19.00	20.00
3	256QAM	1	14	19.06	19.07	19.03	20.00
3	256QAM	8	0	19.02	18.93	18.96	20.00
3	256QAM	8	4	18.99	18.98	18.91	20.00
3	256QAM	8	7	19.01	18.98	18.92	20.00
3	256QAM	15	0	18.97	19.00	18.91	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.87	23.94	23.84	25.00
1.4	QPSK	1	3	23.82	23.95	23.84	25.00
1.4	QPSK	1	5	23.88	23.98	23.88	25.00
1.4	QPSK	3	0	23.79	23.86	23.80	25.00
1.4	QPSK	3	1	23.79	23.81	23.77	25.00
1.4	QPSK	3	3	23.82	23.84	23.77	25.00
1.4	QPSK	6	0	22.89	22.84	22.80	24.00
1.4	16QAM	1	0	23.15	23.14	23.05	24.00
1.4	16QAM	1	3	23.11	23.07	23.04	24.00
1.4	16QAM	1	5	23.18	23.13	23.15	24.00
1.4	16QAM	3	0	22.89	22.87	22.75	24.00
1.4	16QAM	3	1	22.81	22.78	22.73	24.00
1.4	16QAM	3	3	22.84	22.78	22.73	24.00
1.4	16QAM	6	0	21.95	21.95	21.89	23.00
1.4	64QAM	1	0	22.14	22.18	22.09	23.00
1.4	64QAM	1	3	22.11	22.11	22.01	23.00
1.4	64QAM	1	5	22.13	22.07	22.02	23.00
1.4	64QAM	3	0	22.03	21.98	21.94	23.00
1.4	64QAM	3	1	22.02	21.99	21.95	23.00
1.4	64QAM	3	3	21.98	21.97	21.94	23.00
1.4	64QAM	6	0	20.86	20.87	20.82	22.00
1.4	256QAM	1	0	18.98	19.03	18.94	20.00
1.4	256QAM	1	3	19.02	19.01	18.91	20.00
1.4	256QAM	1	5	19.02	19.01	18.95	20.00
1.4	256QAM	3	0	19.04	19.01	18.93	20.00
1.4	256QAM	3	1	19.01	18.97	18.93	20.00
1.4	256QAM	3	3	18.99	19.00	18.93	20.00
1.4	256QAM	6	0	18.89	18.90	18.81	20.00

【LTE Band 66_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.92	24.00	23.93	25.00
20	QPSK	1	49	23.84	23.91	23.83	25.00
20	QPSK	1	99	23.91	23.85	23.92	25.00
20	QPSK	50	0	22.92	22.94	22.91	24.00
20	QPSK	50	24	22.84	22.85	22.80	24.00
20	QPSK	50	50	22.91	22.90	22.90	24.00
20	QPSK	100	0	22.91	22.89	22.89	24.00
20	16QAM	1	0	23.28	23.15	23.13	24.00
20	16QAM	1	49	23.06	23.17	23.07	24.00
20	16QAM	1	99	23.23	23.25	23.20	24.00
20	16QAM	50	0	21.92	21.90	21.93	23.00
20	16QAM	50	24	21.87	21.86	21.81	23.00
20	16QAM	50	50	21.96	21.95	21.89	23.00
20	16QAM	100	0	21.90	21.90	21.90	23.00
20	64QAM	1	0	22.16	22.09	22.00	23.00
20	64QAM	1	49	22.08	22.14	21.93	23.00
20	64QAM	1	99	22.22	22.19	22.13	23.00
20	64QAM	50	0	20.95	20.91	20.93	22.00
20	64QAM	50	24	20.95	20.91	20.91	22.00



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20	64QAM	50	50	20.99	20.99	20.94	22.00
20	64QAM	100	0	21.00	20.98	20.94	22.00
20	256QAM	1	0	19.09	19.07	19.00	20.00
20	256QAM	1	49	19.05	19.01	18.94	20.00
20	256QAM	1	99	19.17	19.11	19.03	20.00
20	256QAM	50	0	18.92	18.94	18.91	20.00
20	256QAM	50	24	18.89	18.91	18.86	20.00
20	256QAM	50	50	18.97	18.94	18.93	20.00
20	256QAM	100	0	18.99	18.95	18.96	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.95	23.97	23.87	25.00
15	QPSK	1	37	23.96	23.96	23.92	25.00
15	QPSK	1	74	23.99	23.96	23.99	25.00
15	QPSK	36	0	22.86	22.87	22.80	24.00
15	QPSK	36	20	22.85	22.86	22.78	24.00
15	QPSK	36	39	22.91	22.90	22.87	24.00
15	QPSK	75	0	22.87	22.88	22.82	24.00
15	16QAM	1	0	23.30	23.18	23.19	24.00
15	16QAM	1	37	23.23	23.24	23.11	24.00
15	16QAM	1	74	23.33	23.33	23.25	24.00
15	16QAM	36	0	21.93	21.89	21.84	23.00
15	16QAM	36	20	21.90	21.89	21.85	23.00
15	16QAM	36	39	21.97	21.91	21.91	23.00
15	16QAM	75	0	21.89	21.88	21.86	23.00
15	64QAM	1	0	22.17	22.09	22.04	23.00
15	64QAM	1	37	22.02	22.06	22.00	23.00
15	64QAM	1	74	22.16	22.16	22.11	23.00
15	64QAM	36	0	20.97	20.95	20.88	22.00
15	64QAM	36	20	20.94	20.98	20.90	22.00
15	64QAM	36	39	20.97	20.97	20.94	22.00
15	64QAM	75	0	20.92	20.92	20.87	22.00
15	256QAM	1	0	19.08	19.02	19.04	20.00
15	256QAM	1	37	19.02	19.02	18.94	20.00
15	256QAM	1	74	19.17	19.13	19.07	20.00
15	256QAM	36	0	18.96	18.92	18.87	20.00
15	256QAM	36	20	18.91	18.92	18.86	20.00
15	256QAM	36	39	18.97	18.94	18.93	20.00
15	256QAM	75	0	18.93	18.93	18.93	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.91	23.95	23.83	25.00
10	QPSK	1	25	23.87	23.95	23.84	25.00
10	QPSK	1	49	23.97	23.96	23.95	25.00
10	QPSK	25	0	22.96	22.93	22.91	24.00
10	QPSK	25	12	22.93	22.91	22.89	24.00
10	QPSK	25	25	22.95	22.95	22.91	24.00
10	QPSK	50	0	22.90	22.90	22.88	24.00
10	16QAM	1	0	23.26	23.14	23.11	24.00
10	16QAM	1	25	23.24	23.24	23.13	24.00
10	16QAM	1	49	23.27	23.27	23.15	24.00
10	16QAM	25	0	21.97	21.91	21.92	23.00
10	16QAM	25	12	21.95	21.91	21.89	23.00
10	16QAM	25	25	21.96	21.95	21.92	23.00
10	16QAM	50	0	21.92	21.92	21.91	23.00
10	64QAM	1	0	22.06	22.07	21.98	23.00
10	64QAM	1	25	22.06	22.10	22.03	23.00
10	64QAM	1	49	22.11	22.16	22.07	23.00
10	64QAM	25	0	20.96	20.94	20.91	22.00
10	64QAM	25	12	20.96	20.94	20.92	22.00
10	64QAM	25	25	20.96	20.98	20.91	22.00
10	64QAM	50	0	20.96	20.93	20.93	22.00
10	256QAM	1	0	19.08	18.97	19.00	20.00
10	256QAM	1	25	19.04	19.06	19.00	20.00
10	256QAM	1	49	19.04	19.09	18.99	20.00
10	256QAM	25	0	18.98	18.93	18.90	20.00
10	256QAM	25	12	18.98	18.90	18.89	20.00
10	256QAM	25	25	18.94	18.96	18.97	20.00
10	256QAM	50	0	18.96	18.91	18.92	20.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.92	23.91	23.94	25.00
5	QPSK	1	12	23.92	23.96	23.86	25.00
5	QPSK	1	24	23.99	23.95	23.88	25.00
5	QPSK	12	0	22.94	22.86	22.86	24.00
5	QPSK	12	7	22.87	22.82	22.81	24.00
5	QPSK	12	13	22.94	22.92	22.87	24.00
5	QPSK	25	0	22.96	22.94	22.95	24.00



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5	16QAM	1	0	23.23	23.23	23.21	24.00
5	16QAM	1	12	23.16	23.09	23.12	24.00
5	16QAM	1	24	23.23	23.27	23.17	24.00
5	16QAM	12	0	22.03	21.91	21.90	23.00
5	16QAM	12	7	21.93	21.89	21.87	23.00
5	16QAM	12	13	21.96	21.93	21.85	23.00
5	16QAM	25	0	21.97	21.92	21.91	23.00
5	64QAM	1	0	22.16	22.08	22.12	23.00
5	64QAM	1	12	22.18	22.07	22.07	23.00
5	64QAM	1	24	22.22	22.24	22.05	23.00
5	64QAM	12	0	21.04	20.99	20.95	22.00
5	64QAM	12	7	20.97	20.96	20.90	22.00
5	64QAM	12	13	21.03	21.02	20.93	22.00
5	64QAM	25	0	21.04	20.95	20.92	22.00
5	256QAM	1	0	19.10	19.01	18.98	20.00
5	256QAM	1	12	19.03	18.98	18.99	20.00
5	256QAM	1	24	19.07	19.06	19.02	20.00
5	256QAM	12	0	18.96	18.96	18.93	20.00
5	256QAM	12	7	18.94	18.92	18.84	20.00
5	256QAM	12	13	18.98	18.95	18.87	20.00
5	256QAM	25	0	19.04	18.96	18.95	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.89	23.89	23.86	25.00
3	QPSK	1	8	23.88	23.91	23.85	25.00
3	QPSK	1	14	23.90	23.90	23.89	25.00
3	QPSK	8	0	22.96	22.91	22.89	24.00
3	QPSK	8	4	22.91	22.88	22.85	24.00
3	QPSK	8	7	22.92	22.92	22.87	24.00
3	QPSK	15	0	22.94	22.91	22.89	24.00
3	16QAM	1	0	23.15	23.15	23.11	24.00
3	16QAM	1	8	23.11	23.21	23.11	24.00
3	16QAM	1	14	23.21	23.25	23.09	24.00
3	16QAM	8	0	22.02	21.95	21.96	23.00
3	16QAM	8	4	21.95	21.95	21.89	23.00
3	16QAM	8	7	22.01	22.00	21.92	23.00
3	16QAM	15	0	21.95	21.97	21.91	23.00
3	64QAM	1	0	22.13	22.03	22.08	23.00
3	64QAM	1	8	22.06	22.03	21.98	23.00
3	64QAM	1	14	22.10	22.06	22.08	23.00
3	64QAM	8	0	20.98	20.91	20.92	22.00
3	64QAM	8	4	20.99	20.95	20.88	22.00
3	64QAM	8	7	20.97	20.98	20.91	22.00
3	64QAM	15	0	21.02	20.99	20.96	22.00
3	256QAM	1	0	19.06	19.01	19.02	20.00
3	256QAM	1	8	19.03	19.05	19.00	20.00
3	256QAM	1	14	19.06	19.07	19.03	20.00
3	256QAM	8	0	19.02	18.93	18.96	20.00
3	256QAM	8	4	18.99	18.98	18.91	20.00
3	256QAM	8	7	19.01	18.98	18.92	20.00
3	256QAM	15	0	18.97	19.00	18.91	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.87	23.94	23.84	25.00
1.4	QPSK	1	3	23.82	23.95	23.84	25.00
1.4	QPSK	1	5	23.88	23.98	23.88	25.00
1.4	QPSK	3	0	23.79	23.86	23.80	25.00
1.4	QPSK	3	1	23.79	23.81	23.77	25.00
1.4	QPSK	3	3	23.82	23.84	23.77	25.00
1.4	QPSK	6	0	22.89	22.84	22.80	24.00
1.4	16QAM	1	0	23.15	23.14	23.05	24.00
1.4	16QAM	1	3	23.11	23.07	23.04	24.00
1.4	16QAM	1	5	23.18	23.13	23.15	24.00
1.4	16QAM	3	0	22.89	22.87	22.75	24.00
1.4	16QAM	3	1	22.81	22.78	22.73	24.00
1.4	16QAM	3	3	22.84	22.78	22.73	24.00
1.4	16QAM	6	0	21.95	21.95	21.89	23.00
1.4	64QAM	1	0	22.14	22.18	22.09	23.00
1.4	64QAM	1	3	22.11	22.11	22.01	23.00
1.4	64QAM	1	5	22.13	22.07	22.02	23.00
1.4	64QAM	3	0	22.03	21.98	21.94	23.00
1.4	64QAM	3	1	22.02	21.99	21.95	23.00
1.4	64QAM	3	3	21.98	21.97	21.94	23.00
1.4	64QAM	6	0	20.86	20.87	20.82	22.00
1.4	256QAM	1	0	18.98	19.03	18.94	20.00
1.4	256QAM	1	3	19.02	19.01	18.91	20.00
1.4	256QAM	1	5	19.02	19.01	18.95	20.00
1.4	256QAM	3	0	19.04	19.01	18.93	20.00

1.4	256QAM	3	1	19.01	18.97	18.93	20.00
1.4	256QAM	3	3	18.99	19.00	18.93	20.00
1.4	256QAM	6	0	18.89	18.90	18.81	20.00

【LTE Band 66_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.25	20.29	20.26	21.60
20	QPSK	1	49	20.14	20.21	20.22	21.60
20	QPSK	1	99	20.22	20.23	20.20	21.60
20	QPSK	50	0	20.17	20.20	20.16	21.60
20	QPSK	50	24	20.13	20.15	20.13	21.60
20	QPSK	50	50	20.18	20.18	20.13	21.60
20	QPSK	100	0	20.14	20.18	20.15	21.60
20	16QAM	1	0	20.16	20.15	20.16	21.60
20	16QAM	1	49	20.02	20.04	20.07	21.60
20	16QAM	1	99	20.17	20.16	20.24	21.60
20	16QAM	50	0	19.98	20.08	20.18	21.60
20	16QAM	50	24	20.06	19.97	20.08	21.60
20	16QAM	50	50	20.15	20.19	20.04	21.60
20	16QAM	100	0	20.21	20.15	20.02	21.60
20	64QAM	1	0	20.05	20.13	20.16	21.60
20	64QAM	1	49	20.06	20.17	20.19	21.60
20	64QAM	1	99	20.15	20.15	20.14	21.60
20	64QAM	50	0	20.02	20.03	20.21	21.60
20	64QAM	50	24	19.97	20.14	20.11	21.60
20	64QAM	50	50	20.11	20.15	20.13	21.60
20	64QAM	100	0	20.07	20.06	20.18	21.60
20	256QAM	1	0	19.17	19.18	19.20	20.00
20	256QAM	1	49	19.19	19.23	19.17	20.00
20	256QAM	1	99	19.27	19.28	19.15	20.00
20	256QAM	50	0	19.06	19.10	19.09	20.00
20	256QAM	50	24	19.02	19.05	19.06	20.00
20	256QAM	50	50	19.09	19.11	19.10	20.00
20	256QAM	100	0	19.15	19.11	19.11	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.21	20.09	20.04	21.60
15	QPSK	1	37	20.05	20.14	20.01	21.60
15	QPSK	1	74	20.23	20.18	20.13	21.60
15	QPSK	36	0	20.12	20.04	20.00	21.60
15	QPSK	36	20	20.01	20.04	19.96	21.60
15	QPSK	36	39	20.11	20.07	20.04	21.60
15	QPSK	75	0	20.07	20.04	20.02	21.60
15	16QAM	1	0	20.29	20.27	20.25	21.60
15	16QAM	1	37	20.24	20.26	20.22	21.60
15	16QAM	1	74	20.28	20.29	20.28	21.60
15	16QAM	36	0	20.09	20.08	20.02	21.60
15	16QAM	36	20	20.08	20.07	20.00	21.60
15	16QAM	36	39	20.13	20.11	20.09	21.60
15	16QAM	75	0	20.06	20.04	20.04	21.60
15	64QAM	1	0	20.27	20.28	20.21	21.60
15	64QAM	1	37	20.17	20.28	20.18	21.60
15	64QAM	1	74	20.26	20.22	20.27	21.60
15	64QAM	36	0	20.16	20.13	20.09	21.60
15	64QAM	36	20	20.14	20.13	20.08	21.60
15	64QAM	36	39	20.19	20.17	20.12	21.60
15	64QAM	75	0	20.11	20.08	20.05	21.60
15	256QAM	1	0	19.09	19.04	19.02	20.00
15	256QAM	1	37	18.95	19.06	18.95	20.00
15	256QAM	1	74	19.13	19.13	19.08	20.00
15	256QAM	36	0	18.95	18.92	18.87	20.00
15	256QAM	36	20	18.92	18.95	18.88	20.00
15	256QAM	36	39	18.96	18.95	18.93	20.00
15	256QAM	75	0	18.94	18.93	18.92	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.13	20.07	20.03	21.60
10	QPSK	1	25	20.04	20.09	20.09	21.60
10	QPSK	1	49	20.14	20.13	20.08	21.60
10	QPSK	25	0	20.17	20.09	20.09	21.60

10	QPSK	25	12	20.11	20.08	20.06	21.60
10	QPSK	25	25	20.15	20.15	20.08	21.60
10	QPSK	50	0	20.10	20.08	20.06	21.60
10	16QAM	1	0	20.23	20.22	20.26	21.60
10	16QAM	1	25	20.26	20.20	20.24	21.60
10	16QAM	1	49	20.22	20.28	20.23	21.60
10	16QAM	25	0	20.14	20.13	20.11	21.60
10	16QAM	25	12	20.11	20.11	20.08	21.60
10	16QAM	25	25	20.13	20.17	20.09	21.60
10	16QAM	50	0	20.12	20.08	20.09	21.60
10	64QAM	1	0	20.29	20.24	20.17	21.60
10	64QAM	1	25	20.26	20.27	20.23	21.60
10	64QAM	1	49	20.20	20.22	20.26	21.60
10	64QAM	25	0	20.16	20.15	20.08	21.60
10	64QAM	25	12	20.16	20.11	20.12	21.60
10	64QAM	25	25	20.18	20.15	20.11	21.60
10	64QAM	50	0	20.15	20.20	20.12	21.60
10	256QAM	1	0	19.10	19.00	18.96	20.00
10	256QAM	1	25	19.04	19.08	18.97	20.00
10	256QAM	1	49	19.10	19.08	19.03	20.00
10	256QAM	25	0	19.00	18.95	18.90	20.00
10	256QAM	25	12	18.96	18.95	18.91	20.00
10	256QAM	25	25	18.97	18.97	18.95	20.00
10	256QAM	50	0	18.96	18.94	18.93	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.09	20.06	19.99	21.60
5	QPSK	1	12	20.08	20.13	20.03	21.60
5	QPSK	1	24	20.11	20.11	20.02	21.60
5	QPSK	12	0	20.09	20.04	20.07	21.60
5	QPSK	12	7	20.00	20.00	19.96	21.60
5	QPSK	12	13	20.05	20.06	20.00	21.60
5	QPSK	25	0	20.18	20.06	20.09	21.60
5	16QAM	1	0	20.28	20.25	20.27	21.60
5	16QAM	1	12	20.22	20.26	20.23	21.60
5	16QAM	1	24	20.27	20.26	20.20	21.60
5	16QAM	12	0	20.14	20.10	20.06	21.60
5	16QAM	12	7	20.12	20.08	20.00	21.60
5	16QAM	12	13	20.16	20.08	20.04	21.60
5	16QAM	25	0	20.17	20.10	20.09	21.60
5	64QAM	1	0	20.25	20.24	20.26	21.60
5	64QAM	1	12	20.21	20.26	20.22	21.60
5	64QAM	1	24	20.19	20.27	20.20	21.60
5	64QAM	12	0	20.21	20.11	20.12	21.60
5	64QAM	12	7	20.15	20.13	20.07	21.60
5	64QAM	12	13	20.19	20.17	20.14	21.60
5	64QAM	25	0	20.19	20.11	20.13	21.60
5	256QAM	1	0	19.08	19.03	19.00	20.00
5	256QAM	1	12	19.05	19.03	18.98	20.00
5	256QAM	1	24	19.03	19.10	19.00	20.00
5	256QAM	12	0	18.98	18.94	18.87	20.00
5	256QAM	12	7	18.93	18.89	18.85	20.00
5	256QAM	12	13	18.99	18.92	18.86	20.00
5	256QAM	25	0	19.01	18.94	18.94	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.12	20.06	20.04	21.60
3	QPSK	1	8	20.10	20.10	20.05	21.60
3	QPSK	1	14	20.13	20.15	20.02	21.60
3	QPSK	8	0	20.13	20.04	20.02	21.60
3	QPSK	8	4	20.04	20.04	19.99	21.60
3	QPSK	8	7	20.08	20.06	20.02	21.60
3	QPSK	15	0	20.09	20.06	20.02	21.60
3	16QAM	1	0	20.24	20.20	20.30	21.60
3	16QAM	1	8	20.24	20.23	20.18	21.60
3	16QAM	1	14	20.25	20.20	20.26	21.60
3	16QAM	8	0	20.17	20.12	20.11	21.60
3	16QAM	8	4	20.14	20.11	20.06	21.60
3	16QAM	8	7	20.16	20.15	20.11	21.60
3	16QAM	15	0	20.16	20.15	20.06	21.60
3	64QAM	1	0	20.20	20.21	20.17	21.60
3	64QAM	1	8	20.18	20.20	20.07	21.60
3	64QAM	1	14	20.23	20.26	20.16	21.60
3	64QAM	8	0	20.19	20.10	20.09	21.60
3	64QAM	8	4	20.16	20.13	20.08	21.60
3	64QAM	8	7	20.15	20.13	20.08	21.60
3	64QAM	15	0	20.18	20.14	20.14	21.60
3	256QAM	1	0	19.04	18.98	18.99	20.00

3	256QAM	1	8	19.07	19.11	18.94	20.00
3	256QAM	1	14	19.05	19.13	18.95	20.00
3	256QAM	8	0	19.01	18.97	18.96	20.00
3	256QAM	8	4	18.98	18.96	18.94	20.00
3	256QAM	8	7	18.99	18.98	18.93	20.00
3	256QAM	15	0	18.99	18.95	18.92	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.08	20.08	20.02	21.60
1.4	QPSK	1	3	20.02	20.07	19.99	21.60
1.4	QPSK	1	5	20.05	20.08	20.02	21.60
1.4	QPSK	3	0	20.03	20.02	19.95	21.60
1.4	QPSK	3	1	20.00	19.97	19.92	21.60
1.4	QPSK	3	3	20.03	20.00	19.95	21.60
1.4	QPSK	6	0	20.05	20.01	19.95	21.60
1.4	16QAM	1	0	20.27	20.28	20.27	21.60
1.4	16QAM	1	3	20.23	20.29	20.23	21.60
1.4	16QAM	1	5	20.30	20.25	20.25	21.60
1.4	16QAM	3	0	19.97	19.96	19.99	21.60
1.4	16QAM	3	1	20.01	19.98	19.97	21.60
1.4	16QAM	3	3	20.02	19.96	19.92	21.60
1.4	16QAM	6	0	20.12	20.08	20.01	21.60
1.4	64QAM	1	0	20.21	20.24	20.23	21.60
1.4	64QAM	1	3	20.21	20.30	20.15	21.60
1.4	64QAM	1	5	20.22	20.20	20.19	21.60
1.4	64QAM	3	0	20.19	20.13	20.13	21.60
1.4	64QAM	3	1	20.14	20.22	20.06	21.60
1.4	64QAM	3	3	20.22	20.14	20.12	21.60
1.4	64QAM	6	0	20.08	20.06	19.98	21.60
1.4	256QAM	1	0	19.04	19.06	18.96	20.00
1.4	256QAM	1	3	18.97	19.01	18.90	20.00
1.4	256QAM	1	5	19.03	19.02	18.97	20.00
1.4	256QAM	3	0	19.02	19.01	18.96	20.00
1.4	256QAM	3	1	19.00	18.97	18.91	20.00
1.4	256QAM	3	3	19.01	18.97	18.91	20.00
1.4	256QAM	6	0	18.94	18.85	18.81	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.25	20.29	20.26	20.30
20	QPSK	1	49	20.14	20.21	20.22	20.30
20	QPSK	1	99	20.22	20.23	20.20	20.30
20	QPSK	50	0	20.17	20.20	20.16	20.30
20	QPSK	50	24	20.13	20.15	20.13	20.30
20	QPSK	50	50	20.18	20.18	20.13	20.30
20	QPSK	100	0	20.14	20.18	20.15	20.30
20	16QAM	1	0	20.16	20.15	20.16	20.30
20	16QAM	1	49	20.02	20.04	20.07	20.30
20	16QAM	1	99	20.17	20.16	20.24	20.30
20	16QAM	50	0	19.98	20.08	20.18	20.30
20	16QAM	50	24	20.06	19.97	20.08	20.30
20	16QAM	50	50	20.15	20.19	20.04	20.30
20	16QAM	100	0	20.21	20.15	20.02	20.30
20	64QAM	1	0	20.05	20.13	20.16	20.30
20	64QAM	1	49	20.06	20.17	20.19	20.30
20	64QAM	1	99	20.15	20.15	20.14	20.30
20	64QAM	50	0	20.02	20.03	20.21	20.30
20	64QAM	50	24	19.97	20.14	20.11	20.30
20	64QAM	50	50	20.11	20.15	20.13	20.30
20	64QAM	100	0	20.07	20.06	20.18	20.30
20	256QAM	1	0	19.17	19.18	19.20	20.00
20	256QAM	1	49	19.19	19.23	19.17	20.00
20	256QAM	1	99	19.27	19.28	19.15	20.00
20	256QAM	50	0	19.06	19.10	19.09	20.00
20	256QAM	50	24	19.02	19.05	19.06	20.00
20	256QAM	50	50	19.09	19.11	19.10	20.00
20	256QAM	100	0	19.15	19.11	19.11	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.21	20.09	20.04	20.30



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15	QPSK	1	37	20.05	20.14	20.01	20.30
15	QPSK	1	74	20.23	20.18	20.13	20.30
15	QPSK	36	0	20.12	20.04	20.00	20.30
15	QPSK	36	20	20.01	20.04	19.96	20.30
15	QPSK	36	39	20.11	20.07	20.04	20.30
15	QPSK	75	0	20.07	20.04	20.02	20.30
15	16QAM	1	0	20.29	20.27	20.25	20.30
15	16QAM	1	37	20.24	20.26	20.22	20.30
15	16QAM	1	74	20.28	20.29	20.28	20.30
15	16QAM	36	0	20.09	20.08	20.02	20.30
15	16QAM	36	20	20.08	20.07	20.00	20.30
15	16QAM	36	39	20.13	20.11	20.09	20.30
15	16QAM	75	0	20.06	20.04	20.04	20.30
15	64QAM	1	0	20.27	20.28	20.21	20.30
15	64QAM	1	37	20.17	20.28	20.18	20.30
15	64QAM	1	74	20.26	20.22	20.27	20.30
15	64QAM	36	0	20.16	20.13	20.09	20.30
15	64QAM	36	20	20.14	20.13	20.08	20.30
15	64QAM	36	39	20.19	20.17	20.12	20.30
15	64QAM	75	0	20.11	20.08	20.05	20.30
15	256QAM	1	0	19.09	19.04	19.02	20.00
15	256QAM	1	37	18.95	19.06	18.95	20.00
15	256QAM	1	74	19.13	19.13	19.08	20.00
15	256QAM	36	0	18.95	18.92	18.87	20.00
15	256QAM	36	20	18.92	18.95	18.88	20.00
15	256QAM	36	39	18.96	18.95	18.93	20.00
15	256QAM	75	0	18.94	18.93	18.92	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	20.13	20.07	20.03	20.30
10	QPSK	1	25	20.04	20.09	20.09	20.30
10	QPSK	1	49	20.14	20.13	20.08	20.30
10	QPSK	25	0	20.17	20.09	20.09	20.30
10	QPSK	25	12	20.11	20.08	20.06	20.30
10	QPSK	25	25	20.15	20.15	20.08	20.30
10	QPSK	50	0	20.10	20.08	20.06	20.30
10	16QAM	1	0	20.23	20.22	20.26	20.30
10	16QAM	1	25	20.26	20.20	20.24	20.30
10	16QAM	1	49	20.22	20.28	20.23	20.30
10	16QAM	25	0	20.14	20.13	20.11	20.30
10	16QAM	25	12	20.11	20.11	20.08	20.30
10	16QAM	25	25	20.13	20.17	20.09	20.30
10	16QAM	50	0	20.12	20.08	20.09	20.30
10	64QAM	1	0	20.29	20.24	20.17	20.30
10	64QAM	1	25	20.26	20.27	20.23	20.30
10	64QAM	1	49	20.20	20.22	20.26	20.30
10	64QAM	25	0	20.16	20.15	20.08	20.30
10	64QAM	25	12	20.16	20.11	20.12	20.30
10	64QAM	25	25	20.18	20.15	20.11	20.30
10	64QAM	50	0	20.15	20.20	20.12	20.30
10	256QAM	1	0	19.10	19.00	18.96	20.00
10	256QAM	1	25	19.04	19.08	18.97	20.00
10	256QAM	1	49	19.10	19.08	19.03	20.00
10	256QAM	25	0	19.00	18.95	18.90	20.00
10	256QAM	25	12	18.96	18.95	18.91	20.00
10	256QAM	25	25	18.97	18.97	18.95	20.00
10	256QAM	50	0	18.96	18.94	18.93	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.09	20.06	19.99	20.30
5	QPSK	1	12	20.08	20.13	20.03	20.30
5	QPSK	1	24	20.11	20.11	20.02	20.30
5	QPSK	12	0	20.09	20.04	20.07	20.30
5	QPSK	12	7	20.00	20.00	19.96	20.30
5	QPSK	12	13	20.05	20.06	20.00	20.30
5	QPSK	25	0	20.18	20.06	20.09	20.30
5	16QAM	1	0	20.28	20.25	20.27	20.30
5	16QAM	1	12	20.22	20.26	20.23	20.30
5	16QAM	1	24	20.27	20.26	20.20	20.30
5	16QAM	12	0	20.14	20.10	20.06	20.30
5	16QAM	12	7	20.12	20.08	20.00	20.30
5	16QAM	12	13	20.16	20.08	20.04	20.30
5	16QAM	25	0	20.17	20.10	20.09	20.30
5	64QAM	1	0	20.25	20.24	20.26	20.30
5	64QAM	1	12	20.21	20.26	20.22	20.30
5	64QAM	1	24	20.19	20.27	20.20	20.30
5	64QAM	12	0	20.21	20.11	20.12	20.30
5	64QAM	12	7	20.15	20.13	20.07	20.30

5	64QAM	12	13	20.19	20.17	20.14	20.30
5	64QAM	25	0	20.19	20.11	20.13	20.30
5	256QAM	1	0	19.08	19.03	19.00	20.00
5	256QAM	1	12	19.05	19.03	18.98	20.00
5	256QAM	1	24	19.03	19.10	19.00	20.00
5	256QAM	12	0	18.98	18.94	18.87	20.00
5	256QAM	12	7	18.93	18.89	18.85	20.00
5	256QAM	12	13	18.99	18.92	18.86	20.00
5	256QAM	25	0	19.01	18.94	18.94	20.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.12	20.06	20.04	20.30
3	QPSK	1	8	20.10	20.10	20.05	20.30
3	QPSK	1	14	20.13	20.15	20.02	20.30
3	QPSK	8	0	20.13	20.04	20.02	20.30
3	QPSK	8	4	20.04	20.04	19.99	20.30
3	QPSK	8	7	20.08	20.06	20.02	20.30
3	QPSK	15	0	20.09	20.06	20.02	20.30
3	16QAM	1	0	20.24	20.20	20.30	20.30
3	16QAM	1	8	20.24	20.23	20.18	20.30
3	16QAM	1	14	20.25	20.20	20.26	20.30
3	16QAM	8	0	20.17	20.12	20.11	20.30
3	16QAM	8	4	20.14	20.11	20.06	20.30
3	16QAM	8	7	20.16	20.15	20.11	20.30
3	16QAM	15	0	20.16	20.15	20.06	20.30
3	64QAM	1	0	20.20	20.21	20.17	20.30
3	64QAM	1	8	20.18	20.20	20.07	20.30
3	64QAM	1	14	20.23	20.26	20.16	20.30
3	64QAM	8	0	20.19	20.10	20.09	20.30
3	64QAM	8	4	20.16	20.13	20.08	20.30
3	64QAM	8	7	20.15	20.13	20.08	20.30
3	64QAM	15	0	20.18	20.14	20.14	20.30
3	256QAM	1	0	19.04	18.98	18.99	20.00
3	256QAM	1	8	19.07	19.11	18.94	20.00
3	256QAM	1	14	19.05	19.13	18.95	20.00
3	256QAM	8	0	19.01	18.97	18.96	20.00
3	256QAM	8	4	18.98	18.96	18.94	20.00
3	256QAM	8	7	18.99	18.98	18.93	20.00
3	256QAM	15	0	18.99	18.95	18.92	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.08	20.08	20.02	20.30
1.4	QPSK	1	3	20.02	20.07	19.99	20.30
1.4	QPSK	1	5	20.05	20.08	20.02	20.30
1.4	QPSK	3	0	20.03	20.02	19.95	20.30
1.4	QPSK	3	1	20.00	19.97	19.92	20.30
1.4	QPSK	3	3	20.03	20.00	19.95	20.30
1.4	QPSK	6	0	20.05	20.01	19.95	20.30
1.4	16QAM	1	0	20.27	20.28	20.27	20.30
1.4	16QAM	1	3	20.23	20.29	20.23	20.30
1.4	16QAM	1	5	20.30	20.25	20.25	20.30
1.4	16QAM	3	0	19.97	19.96	19.99	20.30
1.4	16QAM	3	1	20.01	19.98	19.97	20.30
1.4	16QAM	3	3	20.02	19.96	19.92	20.30
1.4	16QAM	6	0	20.12	20.08	20.01	20.30
1.4	64QAM	1	0	20.21	20.24	20.23	20.30
1.4	64QAM	1	3	20.21	20.30	20.15	20.30
1.4	64QAM	1	5	20.22	20.20	20.19	20.30
1.4	64QAM	3	0	20.19	20.13	20.13	20.30
1.4	64QAM	3	1	20.14	20.22	20.06	20.30
1.4	64QAM	3	3	20.22	20.14	20.12	20.30
1.4	64QAM	6	0	20.08	20.06	19.98	20.30
1.4	256QAM	1	0	19.04	19.06	18.96	20.00
1.4	256QAM	1	3	18.97	19.01	18.90	20.00
1.4	256QAM	1	5	19.03	19.02	18.97	20.00
1.4	256QAM	3	0	19.02	19.01	18.96	20.00
1.4	256QAM	3	1	19.00	18.97	18.91	20.00
1.4	256QAM	3	3	19.01	18.97	18.91	20.00
1.4	256QAM	6	0	18.94	18.85	18.81	20.00

【LTE Band 66_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.25	20.29	20.26	20.30
20	QPSK	1	49	20.14	20.21	20.22	20.30
20	QPSK	1	99	20.22	20.23	20.20	20.30
20	QPSK	50	0	20.17	20.20	20.16	20.30
20	QPSK	50	24	20.13	20.15	20.13	20.30
20	QPSK	50	50	20.18	20.18	20.13	20.30
20	QPSK	100	0	20.14	20.18	20.15	20.30
20	16QAM	1	0	20.16	20.15	20.16	20.30
20	16QAM	1	49	20.02	20.04	20.07	20.30
20	16QAM	1	99	20.17	20.16	20.24	20.30
20	16QAM	50	0	19.98	20.08	20.18	20.30
20	16QAM	50	24	20.06	19.97	20.08	20.30
20	16QAM	50	50	20.15	20.19	20.04	20.30
20	16QAM	100	0	20.21	20.15	20.02	20.30
20	64QAM	1	0	20.05	20.13	20.16	20.30
20	64QAM	1	49	20.06	20.17	20.19	20.30
20	64QAM	1	99	20.15	20.15	20.14	20.30
20	64QAM	50	0	20.02	20.03	20.21	20.30
20	64QAM	50	24	19.97	20.14	20.11	20.30
20	64QAM	50	50	20.11	20.15	20.13	20.30
20	64QAM	100	0	20.07	20.06	20.18	20.30
20	256QAM	1	0	19.17	19.18	19.20	20.00
20	256QAM	1	49	19.19	19.23	19.17	20.00
20	256QAM	1	99	19.27	19.28	19.15	20.00
20	256QAM	50	0	19.06	19.10	19.09	20.00
20	256QAM	50	24	19.02	19.05	19.06	20.00
20	256QAM	50	50	19.09	19.11	19.10	20.00
20	256QAM	100	0	19.15	19.11	19.11	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.21	20.09	20.04	20.30
15	QPSK	1	37	20.05	20.14	20.01	20.30
15	QPSK	1	74	20.23	20.18	20.13	20.30
15	QPSK	36	0	20.12	20.04	20.00	20.30
15	QPSK	36	20	20.01	20.04	19.96	20.30
15	QPSK	36	39	20.11	20.07	20.04	20.30
15	QPSK	75	0	20.07	20.04	20.02	20.30
15	16QAM	1	0	20.29	20.27	20.25	20.30
15	16QAM	1	37	20.24	20.26	20.22	20.30
15	16QAM	1	74	20.28	20.29	20.28	20.30
15	16QAM	36	0	20.09	20.08	20.02	20.30
15	16QAM	36	20	20.08	20.07	20.00	20.30
15	16QAM	36	39	20.13	20.11	20.09	20.30
15	16QAM	75	0	20.06	20.04	20.04	20.30
15	64QAM	1	0	20.27	20.28	20.21	20.30
15	64QAM	1	37	20.17	20.28	20.18	20.30
15	64QAM	1	74	20.26	20.22	20.27	20.30
15	64QAM	36	0	20.16	20.13	20.09	20.30
15	64QAM	36	20	20.14	20.13	20.08	20.30
15	64QAM	36	39	20.19	20.17	20.12	20.30
15	64QAM	75	0	20.11	20.08	20.05	20.30
15	256QAM	1	0	19.09	19.04	19.02	20.00
15	256QAM	1	37	18.95	19.06	18.95	20.00
15	256QAM	1	74	19.13	19.13	19.08	20.00
15	256QAM	36	0	18.95	18.92	18.87	20.00
15	256QAM	36	20	18.92	18.95	18.88	20.00
15	256QAM	36	39	18.96	18.95	18.93	20.00
15	256QAM	75	0	18.94	18.93	18.92	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.13	20.07	20.03	20.30
10	QPSK	1	25	20.04	20.09	20.09	20.30
10	QPSK	1	49	20.14	20.13	20.08	20.30
10	QPSK	25	0	20.17	20.09	20.09	20.30
10	QPSK	25	12	20.11	20.08	20.06	20.30
10	QPSK	25	25	20.15	20.15	20.08	20.30
10	QPSK	50	0	20.10	20.08	20.06	20.30
10	16QAM	1	0	20.23	20.22	20.26	20.30
10	16QAM	1	25	20.26	20.20	20.24	20.30
10	16QAM	1	49	20.22	20.28	20.23	20.30
10	16QAM	25	0	20.14	20.13	20.11	20.30
10	16QAM	25	12	20.11	20.11	20.08	20.30
10	16QAM	25	25	20.13	20.17	20.09	20.30
10	16QAM	50	0	20.12	20.08	20.09	20.30
10	64QAM	1	0	20.29	20.24	20.17	20.30
10	64QAM	1	25	20.26	20.27	20.23	20.30



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10	64QAM	1	49	20.20	20.22	20.26	20.30
10	64QAM	25	0	20.16	20.15	20.08	20.30
10	64QAM	25	12	20.16	20.11	20.12	20.30
10	64QAM	25	25	20.18	20.15	20.11	20.30
10	64QAM	50	0	20.15	20.20	20.12	20.30
10	256QAM	1	0	19.10	19.00	18.96	20.00
10	256QAM	1	25	19.04	19.08	18.97	20.00
10	256QAM	1	49	19.10	19.08	19.03	20.00
10	256QAM	25	0	19.00	18.95	18.90	20.00
10	256QAM	25	12	18.96	18.95	18.91	20.00
10	256QAM	25	25	18.97	18.97	18.95	20.00
10	256QAM	50	0	18.96	18.94	18.93	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.09	20.06	19.99	20.30
5	QPSK	1	12	20.08	20.13	20.03	20.30
5	QPSK	1	24	20.11	20.11	20.02	20.30
5	QPSK	12	0	20.09	20.04	20.07	20.30
5	QPSK	12	7	20.00	20.00	19.96	20.30
5	QPSK	12	13	20.05	20.06	20.00	20.30
5	QPSK	25	0	20.18	20.06	20.09	20.30
5	16QAM	1	0	20.28	20.25	20.27	20.30
5	16QAM	1	12	20.22	20.26	20.23	20.30
5	16QAM	1	24	20.27	20.26	20.20	20.30
5	16QAM	12	0	20.14	20.10	20.06	20.30
5	16QAM	12	7	20.12	20.08	20.00	20.30
5	16QAM	12	13	20.16	20.08	20.04	20.30
5	16QAM	25	0	20.17	20.10	20.09	20.30
5	64QAM	1	0	20.25	20.24	20.26	20.30
5	64QAM	1	12	20.21	20.26	20.22	20.30
5	64QAM	1	24	20.19	20.27	20.20	20.30
5	64QAM	12	0	20.21	20.11	20.12	20.30
5	64QAM	12	7	20.15	20.13	20.07	20.30
5	64QAM	12	13	20.19	20.17	20.14	20.30
5	64QAM	25	0	20.19	20.11	20.13	20.30
5	256QAM	1	0	19.08	19.03	19.00	20.00
5	256QAM	1	12	19.05	19.03	18.98	20.00
5	256QAM	1	24	19.03	19.10	19.00	20.00
5	256QAM	12	0	18.98	18.94	18.87	20.00
5	256QAM	12	7	18.93	18.89	18.85	20.00
5	256QAM	12	13	18.99	18.92	18.86	20.00
5	256QAM	25	0	19.01	18.94	18.94	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.12	20.06	20.04	20.30
3	QPSK	1	8	20.10	20.10	20.05	20.30
3	QPSK	1	14	20.13	20.15	20.02	20.30
3	QPSK	8	0	20.13	20.04	20.02	20.30
3	QPSK	8	4	20.04	20.04	19.99	20.30
3	QPSK	8	7	20.08	20.06	20.02	20.30
3	QPSK	15	0	20.09	20.06	20.02	20.30
3	16QAM	1	0	20.24	20.20	20.30	20.30
3	16QAM	1	8	20.24	20.23	20.18	20.30
3	16QAM	1	14	20.25	20.20	20.26	20.30
3	16QAM	8	0	20.17	20.12	20.11	20.30
3	16QAM	8	4	20.14	20.11	20.06	20.30
3	16QAM	8	7	20.16	20.15	20.11	20.30
3	16QAM	15	0	20.16	20.15	20.06	20.30
3	64QAM	1	0	20.20	20.21	20.17	20.30
3	64QAM	1	8	20.18	20.20	20.07	20.30
3	64QAM	1	14	20.23	20.26	20.16	20.30
3	64QAM	8	0	20.19	20.10	20.09	20.30
3	64QAM	8	4	20.16	20.13	20.08	20.30
3	64QAM	8	7	20.15	20.13	20.08	20.30
3	64QAM	15	0	20.18	20.14	20.14	20.30
3	256QAM	1	0	19.04	18.98	18.99	20.00
3	256QAM	1	8	19.07	19.11	18.94	20.00
3	256QAM	1	14	19.05	19.13	18.95	20.00
3	256QAM	8	0	19.01	18.97	18.96	20.00
3	256QAM	8	4	18.98	18.96	18.94	20.00
3	256QAM	8	7	18.99	18.98	18.93	20.00
3	256QAM	15	0	18.99	18.95	18.92	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	20.08	20.08	20.02	20.30
1.4	QPSK	1	3	20.02	20.07	19.99	20.30
1.4	QPSK	1	5	20.05	20.08	20.02	20.30
1.4	QPSK	3	0	20.03	20.02	19.95	20.30

1.4	QPSK	3	1	20.00	19.97	19.92	20.30
1.4	QPSK	3	3	20.03	20.00	19.95	20.30
1.4	QPSK	6	0	20.05	20.01	19.95	20.30
1.4	16QAM	1	0	20.27	20.28	20.27	20.30
1.4	16QAM	1	3	20.23	20.29	20.23	20.30
1.4	16QAM	1	5	20.30	20.25	20.25	20.30
1.4	16QAM	3	0	19.97	19.96	19.99	20.30
1.4	16QAM	3	1	20.01	19.98	19.97	20.30
1.4	16QAM	3	3	20.02	19.96	19.92	20.30
1.4	16QAM	6	0	20.12	20.08	20.01	20.30
1.4	64QAM	1	0	20.21	20.24	20.23	20.30
1.4	64QAM	1	3	20.21	20.30	20.15	20.30
1.4	64QAM	1	5	20.22	20.20	20.19	20.30
1.4	64QAM	3	0	20.19	20.13	20.13	20.30
1.4	64QAM	3	1	20.14	20.22	20.06	20.30
1.4	64QAM	3	3	20.22	20.14	20.12	20.30
1.4	64QAM	6	0	20.08	20.06	19.98	20.30
1.4	256QAM	1	0	19.04	19.06	18.96	20.00
1.4	256QAM	1	3	18.97	19.01	18.90	20.00
1.4	256QAM	1	5	19.03	19.02	18.97	20.00
1.4	256QAM	3	0	19.02	19.01	18.96	20.00
1.4	256QAM	3	1	19.00	18.97	18.91	20.00
1.4	256QAM	3	3	19.01	18.97	18.91	20.00
1.4	256QAM	6	0	18.94	18.85	18.81	20.00

【LTE Band 66_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.92	16.97	16.96	18.60
20	QPSK	1	49	16.90	16.94	16.95	18.60
20	QPSK	1	99	16.91	16.94	16.96	18.60
20	QPSK	50	0	16.88	17.01	16.96	18.60
20	QPSK	50	24	16.85	16.93	16.96	18.60
20	QPSK	50	50	16.87	16.97	17.00	18.60
20	QPSK	100	0	16.96	16.97	16.95	18.60
20	16QAM	1	0	17.30	17.08	17.43	18.60
20	16QAM	1	49	17.34	17.29	17.38	18.60
20	16QAM	1	99	17.28	17.38	17.33	18.60
20	16QAM	50	0	16.95	16.99	17.00	18.60
20	16QAM	50	24	16.88	16.95	16.98	18.60
20	16QAM	50	50	16.98	17.01	17.07	18.60
20	16QAM	100	0	16.96	17.01	17.04	18.60
20	64QAM	1	0	17.07	17.07	17.27	18.60
20	64QAM	1	49	17.24	17.16	17.27	18.60
20	64QAM	1	99	17.17	17.26	17.28	18.60
20	64QAM	50	0	16.97	17.02	17.03	18.60
20	64QAM	50	24	16.95	17.02	17.02	18.60
20	64QAM	50	50	17.00	17.03	17.11	18.60
20	64QAM	100	0	17.04	17.06	17.12	18.60
20	256QAM	1	0	17.07	17.07	17.13	18.60
20	256QAM	1	49	17.11	17.13	17.11	18.60
20	256QAM	1	99	17.06	17.19	17.24	18.60
20	256QAM	50	0	16.88	17.04	17.02	18.60
20	256QAM	50	24	16.94	17.03	17.05	18.60
20	256QAM	50	50	17.01	17.03	17.11	18.60
20	256QAM	100	0	17.02	17.06	17.11	18.60
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.88	16.85	16.90	18.60
15	QPSK	1	37	16.78	16.82	16.92	18.60
15	QPSK	1	74	16.86	16.85	16.89	18.60
15	QPSK	36	0	16.84	16.93	16.85	18.60
15	QPSK	36	20	16.75	16.91	16.83	18.60
15	QPSK	36	39	16.80	16.93	16.96	18.60
15	QPSK	75	0	16.85	16.87	16.92	18.60
15	16QAM	1	0	17.20	16.95	17.35	18.60



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15	16QAM	1	37	17.24	17.22	17.26	18.60
15	16QAM	1	74	17.17	17.36	17.32	18.60
15	16QAM	36	0	16.93	16.91	16.89	18.60
15	16QAM	36	20	16.79	16.94	16.93	18.60
15	16QAM	36	39	16.86	17.00	16.92	18.60
15	16QAM	75	0	16.92	16.93	17.02	18.60
15	64QAM	1	0	16.96	17.00	17.21	18.60
15	64QAM	1	37	17.16	17.13	17.16	18.60
15	64QAM	1	74	17.03	17.18	17.23	18.60
15	64QAM	36	0	16.82	16.93	16.91	18.60
15	64QAM	36	20	16.85	16.99	16.98	18.60
15	64QAM	36	39	16.86	16.92	17.08	18.60
15	64QAM	75	0	16.96	16.93	17.00	18.60
15	256QAM	1	0	17.04	17.01	17.06	18.60
15	256QAM	1	37	17.09	17.06	16.97	18.60
15	256QAM	1	74	16.92	17.09	17.21	18.60
15	256QAM	36	0	16.82	16.93	16.90	18.60
15	256QAM	36	20	16.90	16.92	16.98	18.60
15	256QAM	36	39	16.93	16.91	16.97	18.60
15	256QAM	75	0	16.89	16.97	17.09	18.60
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.78	16.93	16.94	18.60
10	QPSK	1	25	16.88	16.82	16.83	18.60
10	QPSK	1	49	16.87	16.81	16.82	18.60
10	QPSK	25	0	16.86	16.96	16.91	18.60
10	QPSK	25	12	16.72	16.86	16.82	18.60
10	QPSK	25	25	16.84	16.86	16.94	18.60
10	QPSK	50	0	16.94	16.90	16.90	18.60
10	16QAM	1	0	17.15	16.93	17.41	18.60
10	16QAM	1	25	17.33	17.26	17.30	18.60
10	16QAM	1	49	17.22	17.26	17.30	18.60
10	16QAM	25	0	16.90	16.95	16.98	18.60
10	16QAM	25	12	16.79	16.91	16.89	18.60
10	16QAM	25	25	16.94	16.98	17.02	18.60
10	16QAM	50	0	16.85	16.91	16.99	18.60
10	64QAM	1	0	17.05	17.03	17.12	18.60
10	64QAM	1	25	17.22	17.06	17.23	18.60
10	64QAM	1	49	17.03	17.14	17.23	18.60
10	64QAM	25	0	16.91	16.91	16.98	18.60
10	64QAM	25	12	16.86	16.94	17.00	18.60
10	64QAM	25	25	16.86	16.99	17.03	18.60
10	64QAM	50	0	16.90	16.92	17.09	18.60
10	256QAM	1	0	17.05	16.96	16.98	18.60
10	256QAM	1	25	17.07	17.12	17.00	18.60
10	256QAM	1	49	17.04	17.04	17.09	18.60
10	256QAM	25	0	16.85	17.02	16.96	18.60
10	256QAM	25	12	16.93	16.97	16.97	18.60
10	256QAM	25	25	16.93	16.95	17.02	18.60
10	256QAM	50	0	17.00	16.96	17.01	18.60
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.78	16.91	16.94	18.60
5	QPSK	1	12	16.84	16.87	16.87	18.60
5	QPSK	1	24	16.89	16.86	16.85	18.60
5	QPSK	12	0	16.75	16.87	16.91	18.60
5	QPSK	12	7	16.83	16.83	16.92	18.60
5	QPSK	12	13	16.86	16.87	16.95	18.60
5	QPSK	25	0	16.92	16.91	16.87	18.60
5	16QAM	1	0	17.21	17.03	17.30	18.60
5	16QAM	1	12	17.27	17.19	17.31	18.60
5	16QAM	1	24	17.23	17.32	17.26	18.60
5	16QAM	12	0	16.88	16.97	16.93	18.60
5	16QAM	12	7	16.74	16.84	16.90	18.60
5	16QAM	12	13	16.93	16.92	17.04	18.60
5	16QAM	25	0	16.87	16.99	16.99	18.60
5	64QAM	1	0	16.98	17.03	17.20	18.60
5	64QAM	1	12	17.14	17.08	17.13	18.60
5	64QAM	1	24	17.14	17.17	17.21	18.60
5	64QAM	12	0	16.92	16.94	16.98	18.60
5	64QAM	12	7	16.85	16.95	16.97	18.60
5	64QAM	12	13	16.96	16.89	17.04	18.60
5	64QAM	25	0	16.95	17.03	16.97	18.60
5	256QAM	1	0	16.94	17.03	17.01	18.60
5	256QAM	1	12	17.04	17.00	17.09	18.60
5	256QAM	1	24	17.01	17.10	17.19	18.60
5	256QAM	12	0	16.85	16.97	16.97	18.60
5	256QAM	12	7	16.88	17.00	17.04	18.60

5	256QAM	12	13	16.94	16.94	17.02	18.60
5	256QAM	25	0	16.92	16.98	17.01	18.60
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.84	16.82	16.94	18.60
3	QPSK	1	8	16.82	16.92	16.90	18.60
3	QPSK	1	14	16.80	16.89	16.91	18.60
3	QPSK	8	0	16.80	16.98	16.85	18.60
3	QPSK	8	4	16.83	16.87	16.92	18.60
3	QPSK	8	7	16.82	16.93	16.95	18.60
3	QPSK	15	0	16.82	16.85	16.90	18.60
3	16QAM	1	0	17.26	17.02	17.28	18.60
3	16QAM	1	8	17.30	17.18	17.35	18.60
3	16QAM	1	14	17.19	17.35	17.30	18.60
3	16QAM	8	0	16.89	16.94	16.96	18.60
3	16QAM	8	4	16.79	16.84	16.95	18.60
3	16QAM	8	7	16.87	16.90	17.05	18.60
3	16QAM	15	0	16.82	16.97	16.89	18.60
3	64QAM	1	0	16.99	16.92	17.24	18.60
3	64QAM	1	8	17.21	17.09	17.14	18.60
3	64QAM	1	14	17.07	17.19	17.23	18.60
3	64QAM	8	0	16.91	16.90	17.00	18.60
3	64QAM	8	4	16.87	16.97	16.91	18.60
3	64QAM	8	7	16.94	17.00	17.07	18.60
3	64QAM	15	0	16.91	16.92	17.06	18.60
3	256QAM	1	0	16.93	17.02	17.03	18.60
3	256QAM	1	8	17.02	17.11	17.09	18.60
3	256QAM	1	14	17.03	17.12	17.17	18.60
3	256QAM	8	0	16.75	16.99	16.98	18.60
3	256QAM	8	4	16.88	16.92	16.91	18.60
3	256QAM	8	7	16.90	16.99	17.07	18.60
3	256QAM	15	0	16.93	16.96	16.98	18.60
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.86	16.96	16.93	18.60
1.4	QPSK	1	3	16.79	16.88	16.94	18.60
1.4	QPSK	1	5	16.83	16.91	16.90	18.60
1.4	QPSK	3	0	16.77	16.96	16.89	18.60
1.4	QPSK	3	1	16.70	16.81	16.82	18.60
1.4	QPSK	3	3	16.75	16.94	16.90	18.60
1.4	QPSK	6	0	16.82	16.87	16.84	18.60
1.4	16QAM	1	0	17.25	16.97	17.38	18.60
1.4	16QAM	1	3	17.30	17.22	17.33	18.60
1.4	16QAM	1	5	17.23	17.23	17.24	18.60
1.4	16QAM	3	0	16.80	16.90	16.92	18.60
1.4	16QAM	3	1	16.77	16.85	16.95	18.60
1.4	16QAM	3	3	16.89	16.91	16.93	18.60
1.4	16QAM	6	0	16.91	16.89	16.99	18.60
1.4	64QAM	1	0	16.96	17.02	17.19	18.60
1.4	64QAM	1	3	17.13	17.13	17.22	18.60
1.4	64QAM	1	5	17.10	17.15	17.22	18.60
1.4	64QAM	3	0	16.85	16.96	16.98	18.60
1.4	64QAM	3	1	16.90	16.93	16.95	18.60
1.4	64QAM	3	3	16.97	16.99	17.05	18.60
1.4	64QAM	6	0	16.96	16.95	17.08	18.60
1.4	256QAM	1	0	17.04	16.98	17.09	18.60
1.4	256QAM	1	3	17.06	17.11	17.09	18.60
1.4	256QAM	1	5	16.98	17.13	17.20	18.60
1.4	256QAM	3	0	16.79	17.00	16.92	18.60
1.4	256QAM	3	1	16.85	16.95	16.92	18.60
1.4	256QAM	3	3	16.95	16.93	17.08	18.60
1.4	256QAM	6	0	17.00	16.93	17.04	18.60

【LTE Band 66_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.92	16.97	16.96	17.90
20	QPSK	1	49	16.90	16.94	16.95	17.90
20	QPSK	1	99	16.91	16.94	16.96	17.90
20	QPSK	50	0	16.88	17.01	16.96	17.90
20	QPSK	50	24	16.85	16.93	16.96	17.90



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20	QPSK	50	50	16.87	16.97	17.00	17.90
20	QPSK	100	0	16.96	16.97	16.95	17.90
20	16QAM	1	0	17.30	17.08	17.43	17.90
20	16QAM	1	49	17.34	17.29	17.38	17.90
20	16QAM	1	99	17.28	17.38	17.33	17.90
20	16QAM	50	0	16.95	16.99	17.00	17.90
20	16QAM	50	24	16.88	16.95	16.98	17.90
20	16QAM	50	50	16.98	17.01	17.07	17.90
20	16QAM	100	0	16.96	17.01	17.04	17.90
20	64QAM	1	0	17.07	17.07	17.27	17.90
20	64QAM	1	49	17.24	17.16	17.27	17.90
20	64QAM	1	99	17.17	17.26	17.28	17.90
20	64QAM	50	0	16.97	17.02	17.03	17.90
20	64QAM	50	24	16.95	17.02	17.02	17.90
20	64QAM	50	50	17.00	17.03	17.11	17.90
20	64QAM	100	0	17.04	17.06	17.12	17.90
20	256QAM	1	0	17.07	17.07	17.13	17.90
20	256QAM	1	49	17.11	17.13	17.11	17.90
20	256QAM	1	99	17.06	17.19	17.24	17.90
20	256QAM	50	0	16.88	17.04	17.02	17.90
20	256QAM	50	24	16.94	17.03	17.05	17.90
20	256QAM	50	50	17.01	17.03	17.11	17.90
20	256QAM	100	0	17.02	17.06	17.11	17.90
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	16.88	16.85	16.90	17.90
15	QPSK	1	37	16.78	16.82	16.92	17.90
15	QPSK	1	74	16.86	16.85	16.89	17.90
15	QPSK	36	0	16.84	16.93	16.85	17.90
15	QPSK	36	20	16.75	16.91	16.83	17.90
15	QPSK	36	39	16.80	16.93	16.96	17.90
15	QPSK	75	0	16.85	16.87	16.92	17.90
15	16QAM	1	0	17.20	16.95	17.35	17.90
15	16QAM	1	37	17.24	17.22	17.26	17.90
15	16QAM	1	74	17.17	17.36	17.32	17.90
15	16QAM	36	0	16.93	16.91	16.89	17.90
15	16QAM	36	20	16.79	16.94	16.93	17.90
15	16QAM	36	39	16.86	17.00	16.92	17.90
15	16QAM	75	0	16.92	16.93	17.02	17.90
15	64QAM	1	0	16.96	17.00	17.21	17.90
15	64QAM	1	37	17.16	17.13	17.16	17.90
15	64QAM	1	74	17.03	17.18	17.23	17.90
15	64QAM	36	0	16.82	16.93	16.91	17.90
15	64QAM	36	20	16.85	16.99	16.98	17.90
15	64QAM	36	39	16.86	16.92	17.08	17.90
15	64QAM	75	0	16.96	16.93	17.00	17.90
15	256QAM	1	0	17.04	17.01	17.06	17.90
15	256QAM	1	37	17.09	17.06	16.97	17.90
15	256QAM	1	74	16.92	17.09	17.21	17.90
15	256QAM	36	0	16.82	16.93	16.90	17.90
15	256QAM	36	20	16.90	16.92	16.98	17.90
15	256QAM	36	39	16.93	16.91	16.97	17.90
15	256QAM	75	0	16.89	16.97	17.09	17.90
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.78	16.93	16.94	17.90
10	QPSK	1	25	16.88	16.82	16.83	17.90
10	QPSK	1	49	16.87	16.81	16.82	17.90
10	QPSK	25	0	16.86	16.96	16.91	17.90
10	QPSK	25	12	16.72	16.86	16.82	17.90
10	QPSK	25	25	16.84	16.86	16.94	17.90
10	QPSK	50	0	16.94	16.90	16.90	17.90
10	16QAM	1	0	17.15	16.93	17.41	17.90
10	16QAM	1	25	17.33	17.26	17.30	17.90
10	16QAM	1	49	17.22	17.26	17.30	17.90
10	16QAM	25	0	16.90	16.95	16.98	17.90
10	16QAM	25	12	16.79	16.91	16.89	17.90
10	16QAM	25	25	16.94	16.98	17.02	17.90
10	16QAM	50	0	16.85	16.91	16.99	17.90
10	64QAM	1	0	17.05	17.03	17.12	17.90
10	64QAM	1	25	17.22	17.06	17.23	17.90
10	64QAM	1	49	17.03	17.14	17.23	17.90
10	64QAM	25	0	16.91	16.91	16.98	17.90
10	64QAM	25	12	16.86	16.94	17.00	17.90
10	64QAM	25	25	16.86	16.99	17.03	17.90
10	64QAM	50	0	16.90	16.92	17.09	17.90
10	256QAM	1	0	17.05	16.96	16.98	17.90
10	256QAM	1	25	17.07	17.12	17.00	17.90

10	256QAM	1	49	17.04	17.04	17.09	17.90
10	256QAM	25	0	16.85	17.02	16.96	17.90
10	256QAM	25	12	16.93	16.97	16.97	17.90
10	256QAM	25	25	16.93	16.95	17.02	17.90
10	256QAM	50	0	17.00	16.96	17.01	17.90
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.78	16.91	16.94	17.90
5	QPSK	1	12	16.84	16.87	16.87	17.90
5	QPSK	1	24	16.89	16.86	16.85	17.90
5	QPSK	12	0	16.75	16.87	16.91	17.90
5	QPSK	12	7	16.83	16.83	16.92	17.90
5	QPSK	12	13	16.86	16.87	16.95	17.90
5	QPSK	25	0	16.92	16.91	16.87	17.90
5	16QAM	1	0	17.21	17.03	17.30	17.90
5	16QAM	1	12	17.27	17.19	17.31	17.90
5	16QAM	1	24	17.23	17.32	17.26	17.90
5	16QAM	12	0	16.88	16.97	16.93	17.90
5	16QAM	12	7	16.74	16.84	16.90	17.90
5	16QAM	12	13	16.93	16.92	17.04	17.90
5	16QAM	25	0	16.87	16.99	16.99	17.90
5	64QAM	1	0	16.98	17.03	17.20	17.90
5	64QAM	1	12	17.14	17.08	17.13	17.90
5	64QAM	1	24	17.14	17.17	17.21	17.90
5	64QAM	12	0	16.92	16.94	16.98	17.90
5	64QAM	12	7	16.85	16.95	16.97	17.90
5	64QAM	12	13	16.96	16.89	17.04	17.90
5	64QAM	25	0	16.95	17.03	16.97	17.90
5	256QAM	1	0	16.94	17.03	17.01	17.90
5	256QAM	1	12	17.04	17.00	17.09	17.90
5	256QAM	1	24	17.01	17.10	17.19	17.90
5	256QAM	12	0	16.85	16.97	16.97	17.90
5	256QAM	12	7	16.88	17.00	17.04	17.90
5	256QAM	12	13	16.94	16.94	17.02	17.90
5	256QAM	25	0	16.92	16.98	17.01	17.90
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.84	16.82	16.94	17.90
3	QPSK	1	8	16.82	16.92	16.90	17.90
3	QPSK	1	14	16.80	16.89	16.91	17.90
3	QPSK	8	0	16.80	16.98	16.85	17.90
3	QPSK	8	4	16.83	16.87	16.92	17.90
3	QPSK	8	7	16.82	16.93	16.95	17.90
3	QPSK	15	0	16.82	16.85	16.90	17.90
3	16QAM	1	0	17.26	17.02	17.28	17.90
3	16QAM	1	8	17.30	17.18	17.35	17.90
3	16QAM	1	14	17.19	17.35	17.30	17.90
3	16QAM	8	0	16.89	16.94	16.96	17.90
3	16QAM	8	4	16.79	16.84	16.95	17.90
3	16QAM	8	7	16.87	16.90	17.05	17.90
3	16QAM	15	0	16.82	16.97	16.89	17.90
3	64QAM	1	0	16.99	16.92	17.24	17.90
3	64QAM	1	8	17.21	17.09	17.14	17.90
3	64QAM	1	14	17.07	17.19	17.23	17.90
3	64QAM	8	0	16.91	16.90	17.00	17.90
3	64QAM	8	4	16.87	16.97	16.91	17.90
3	64QAM	8	7	16.94	17.00	17.07	17.90
3	64QAM	15	0	16.91	16.92	17.06	17.90
3	256QAM	1	0	16.93	17.02	17.03	17.90
3	256QAM	1	8	17.02	17.11	17.09	17.90
3	256QAM	1	14	17.03	17.12	17.17	17.90
3	256QAM	8	0	16.75	16.99	16.98	17.90
3	256QAM	8	4	16.88	16.92	16.91	17.90
3	256QAM	8	7	16.90	16.99	17.07	17.90
3	256QAM	15	0	16.93	16.96	16.98	17.90
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.86	16.96	16.93	17.90
1.4	QPSK	1	3	16.79	16.88	16.94	17.90
1.4	QPSK	1	5	16.83	16.91	16.90	17.90
1.4	QPSK	3	0	16.77	16.96	16.89	17.90
1.4	QPSK	3	1	16.70	16.81	16.82	17.90
1.4	QPSK	3	3	16.75	16.94	16.90	17.90
1.4	QPSK	6	0	16.82	16.87	16.84	17.90
1.4	16QAM	1	0	17.25	16.97	17.38	17.90
1.4	16QAM	1	3	17.30	17.22	17.33	17.90
1.4	16QAM	1	5	17.23	17.23	17.24	17.90
1.4	16QAM	3	0	16.80	16.90	16.92	17.90

1.4	16QAM	3	1	16.77	16.85	16.95	17.90
1.4	16QAM	3	3	16.89	16.91	16.93	17.90
1.4	16QAM	6	0	16.91	16.89	16.99	17.90
1.4	64QAM	1	0	16.96	17.02	17.19	17.90
1.4	64QAM	1	3	17.13	17.13	17.22	17.90
1.4	64QAM	1	5	17.10	17.15	17.22	17.90
1.4	64QAM	3	0	16.85	16.96	16.98	17.90
1.4	64QAM	3	1	16.90	16.93	16.95	17.90
1.4	64QAM	3	3	16.97	16.99	17.05	17.90
1.4	64QAM	6	0	16.96	16.95	17.08	17.90
1.4	256QAM	1	0	17.04	16.98	17.09	17.90
1.4	256QAM	1	3	17.06	17.11	17.09	17.90
1.4	256QAM	1	5	16.98	17.13	17.20	17.90
1.4	256QAM	3	0	16.79	17.00	16.92	17.90
1.4	256QAM	3	1	16.85	16.95	16.92	17.90
1.4	256QAM	3	3	16.95	16.93	17.08	17.90
1.4	256QAM	6	0	17.00	16.93	17.04	17.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.49	18.61	18.58	20.40
20	QPSK	1	49	18.46	18.63	18.49	20.40
20	QPSK	1	99	18.47	18.78	18.56	20.40
20	QPSK	50	0	18.41	18.60	18.45	20.40
20	QPSK	50	24	18.45	18.59	18.49	20.40
20	QPSK	50	50	18.46	18.62	18.44	20.40
20	QPSK	100	0	18.48	18.62	18.58	20.40
20	16QAM	1	0	18.49	18.91	18.58	20.40
20	16QAM	1	49	18.49	18.86	18.56	20.40
20	16QAM	1	99	18.49	19.01	18.57	20.40
20	16QAM	50	0	18.42	18.64	18.50	20.40
20	16QAM	50	24	18.43	18.62	18.45	20.40
20	16QAM	50	50	18.44	18.68	18.58	20.40
20	16QAM	100	0	18.47	18.61	18.50	20.40
20	64QAM	1	0	18.49	18.82	18.58	20.40
20	64QAM	1	49	18.48	18.83	18.58	20.40
20	64QAM	1	99	18.49	18.92	18.58	20.40
20	64QAM	50	0	18.41	18.67	18.58	20.40
20	64QAM	50	24	18.48	18.69	18.55	20.40
20	64QAM	50	50	18.48	18.69	18.57	20.40
20	64QAM	100	0	18.47	18.70	18.58	20.40
20	256QAM	1	0	18.49	18.85	18.58	19.70
20	256QAM	1	49	18.49	18.80	18.58	19.70
20	256QAM	1	99	18.48	18.83	18.57	19.70
20	256QAM	50	0	18.46	18.68	18.54	19.70
20	256QAM	50	24	18.46	18.65	18.52	19.70
20	256QAM	50	50	18.48	18.70	18.53	19.70
20	256QAM	100	0	18.49	18.70	18.57	19.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.40	18.51	18.53	20.40
15	QPSK	1	37	18.41	18.56	18.41	20.40
15	QPSK	1	74	18.41	18.60	18.46	20.40
15	QPSK	36	0	18.40	18.54	18.42	20.40
15	QPSK	36	20	18.41	18.52	18.46	20.40
15	QPSK	36	39	18.42	18.59	18.40	20.40
15	QPSK	75	0	18.40	18.57	18.47	20.40
15	16QAM	1	0	18.40	18.60	18.47	20.40
15	16QAM	1	37	18.40	18.61	18.46	20.40
15	16QAM	1	74	18.41	18.59	18.51	20.40
15	16QAM	36	0	18.40	18.49	18.47	20.40
15	16QAM	36	20	18.40	18.57	18.41	20.40
15	16QAM	36	39	18.41	18.61	18.53	20.40
15	16QAM	75	0	18.42	18.53	18.40	20.40
15	64QAM	1	0	18.44	18.59	18.55	20.40
15	64QAM	1	37	18.40	18.60	18.48	20.40
15	64QAM	1	74	18.44	18.59	18.56	20.40
15	64QAM	36	0	18.40	18.54	18.43	20.40
15	64QAM	36	20	18.40	18.59	18.43	20.40
15	64QAM	36	39	18.40	18.58	18.47	20.40



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15	64QAM	75	0	18.40	18.59	18.49	20.40
15	256QAM	1	0	18.41	18.60	18.54	19.70
15	256QAM	1	37	18.41	18.60	18.46	19.70
15	256QAM	1	74	18.40	18.59	18.43	19.70
15	256QAM	36	0	18.42	18.60	18.51	19.70
15	256QAM	36	20	18.33	18.53	18.40	19.70
15	256QAM	36	39	18.37	18.61	18.50	19.70
15	256QAM	75	0	18.38	18.58	18.46	19.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.40	18.58	18.48	20.40
10	QPSK	1	25	18.40	18.54	18.47	20.40
10	QPSK	1	49	18.41	18.61	18.46	20.40
10	QPSK	25	0	18.41	18.48	18.42	20.40
10	QPSK	25	12	18.42	18.57	18.45	20.40
10	QPSK	25	25	18.43	18.59	18.41	20.40
10	QPSK	50	0	18.40	18.53	18.55	20.40
10	16QAM	1	0	18.40	18.61	18.47	20.40
10	16QAM	1	25	18.40	18.61	18.52	20.40
10	16QAM	1	49	18.45	18.60	18.44	20.40
10	16QAM	25	0	18.41	18.54	18.40	20.40
10	16QAM	25	12	18.41	18.58	18.40	20.40
10	16QAM	25	25	18.40	18.56	18.51	20.40
10	16QAM	50	0	18.44	18.49	18.40	20.40
10	64QAM	1	0	18.44	18.61	18.50	20.40
10	64QAM	1	25	18.41	18.61	18.52	20.40
10	64QAM	1	49	18.43	18.60	18.47	20.40
10	64QAM	25	0	18.41	18.61	18.53	20.40
10	64QAM	25	12	18.44	18.54	18.48	20.40
10	64QAM	25	25	18.41	18.61	18.54	20.40
10	64QAM	50	0	18.40	18.61	18.48	20.40
10	256QAM	1	0	18.34	18.61	18.54	19.70
10	256QAM	1	25	18.40	18.61	18.49	19.70
10	256QAM	1	49	18.43	18.61	18.45	19.70
10	256QAM	25	0	18.38	18.60	18.49	19.70
10	256QAM	25	12	18.41	18.60	18.44	19.70
10	256QAM	25	25	18.45	18.61	18.45	19.70
10	256QAM	50	0	18.47	18.56	18.52	19.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.40	18.51	18.45	20.40
5	QPSK	1	12	18.42	18.53	18.41	20.40
5	QPSK	1	24	18.41	18.61	18.50	20.40
5	QPSK	12	0	18.40	18.50	18.40	20.40
5	QPSK	12	7	18.40	18.50	18.41	20.40
5	QPSK	12	13	18.44	18.52	18.40	20.40
5	QPSK	25	0	18.47	18.52	18.57	20.40
5	16QAM	1	0	18.40	18.60	18.45	20.40
5	16QAM	1	12	18.40	18.61	18.44	20.40
5	16QAM	1	24	18.41	18.61	18.49	20.40
5	16QAM	12	0	18.42	18.61	18.49	20.40
5	16QAM	12	7	18.40	18.52	18.40	20.40
5	16QAM	12	13	18.40	18.59	18.44	20.40
5	16QAM	25	0	18.42	18.59	18.40	20.40
5	64QAM	1	0	18.41	18.60	18.56	20.40
5	64QAM	1	12	18.43	18.61	18.51	20.40
5	64QAM	1	24	18.41	18.61	18.46	20.40
5	64QAM	12	0	18.40	18.61	18.44	20.40
5	64QAM	12	7	18.43	18.61	18.54	20.40
5	64QAM	12	13	18.41	18.61	18.53	20.40
5	64QAM	25	0	18.44	18.59	18.52	20.40
5	256QAM	1	0	18.40	18.60	18.53	19.70
5	256QAM	1	12	18.36	18.61	18.53	19.70
5	256QAM	1	24	18.36	18.60	18.52	19.70
5	256QAM	12	0	18.40	18.55	18.49	19.70
5	256QAM	12	7	18.43	18.54	18.49	19.70
5	256QAM	12	13	18.45	18.57	18.45	19.70
5	256QAM	25	0	18.38	18.61	18.50	19.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.40	18.60	18.54	20.40
3	QPSK	1	8	18.40	18.51	18.41	20.40
3	QPSK	1	14	18.45	18.61	18.50	20.40
3	QPSK	8	0	18.42	18.46	18.42	20.40
3	QPSK	8	4	18.40	18.54	18.45	20.40
3	QPSK	8	7	18.41	18.53	18.40	20.40
3	QPSK	15	0	18.43	18.60	18.52	20.40
3	16QAM	1	0	18.41	18.61	18.50	20.40

3	16QAM	1	8	18.45	18.61	18.48	20.40
3	16QAM	1	14	18.41	18.59	18.53	20.40
3	16QAM	8	0	18.40	18.53	18.41	20.40
3	16QAM	8	4	18.40	18.50	18.40	20.40
3	16QAM	8	7	18.40	18.53	18.47	20.40
3	16QAM	15	0	18.40	18.50	18.46	20.40
3	64QAM	1	0	18.41	18.59	18.53	20.40
3	64QAM	1	8	18.40	18.60	18.49	20.40
3	64QAM	1	14	18.40	18.60	18.48	20.40
3	64QAM	8	0	18.40	18.60	18.46	20.40
3	64QAM	8	4	18.45	18.61	18.52	20.40
3	64QAM	8	7	18.46	18.60	18.48	20.40
3	64QAM	15	0	18.42	18.60	18.45	20.40
3	256QAM	1	0	18.36	18.61	18.53	19.70
3	256QAM	1	8	18.39	18.61	18.56	19.70
3	256QAM	1	14	18.36	18.60	18.42	19.70
3	256QAM	8	0	18.40	18.58	18.48	19.70
3	256QAM	8	4	18.43	18.60	18.39	19.70
3	256QAM	8	7	18.40	18.57	18.39	19.70
3	256QAM	15	0	18.44	18.61	18.54	19.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.40	18.50	18.46	20.40
1.4	QPSK	1	3	18.40	18.60	18.40	20.40
1.4	QPSK	1	5	18.42	18.61	18.49	20.40
1.4	QPSK	3	0	18.40	18.51	18.41	20.40
1.4	QPSK	3	1	18.42	18.48	18.43	20.40
1.4	QPSK	3	3	18.40	18.48	18.42	20.40
1.4	QPSK	6	0	18.40	18.56	18.46	20.40
1.4	16QAM	1	0	18.40	18.59	18.44	20.40
1.4	16QAM	1	3	18.44	18.61	18.46	20.40
1.4	16QAM	1	5	18.48	18.61	18.47	20.40
1.4	16QAM	3	0	18.40	18.60	18.44	20.40
1.4	16QAM	3	1	18.40	18.49	18.41	20.40
1.4	16QAM	3	3	18.41	18.57	18.53	20.40
1.4	16QAM	6	0	18.40	18.54	18.44	20.40
1.4	64QAM	1	0	18.41	18.61	18.43	20.40
1.4	64QAM	1	3	18.42	18.60	18.53	20.40
1.4	64QAM	1	5	18.42	18.61	18.53	20.40
1.4	64QAM	3	0	18.41	18.61	18.54	20.40
1.4	64QAM	3	1	18.41	18.56	18.41	20.40
1.4	64QAM	3	3	18.40	18.59	18.48	20.40
1.4	64QAM	6	0	18.40	18.60	18.57	20.40
1.4	256QAM	1	0	18.48	18.60	18.58	19.70
1.4	256QAM	1	3	18.49	18.61	18.58	19.70
1.4	256QAM	1	5	18.48	18.61	18.58	19.70
1.4	256QAM	3	0	18.49	18.60	18.58	19.70
1.4	256QAM	3	1	18.49	18.61	18.58	19.70
1.4	256QAM	3	3	18.49	18.61	18.56	19.70
1.4	256QAM	6	0	18.48	18.61	18.58	19.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.26	17.26	17.31	17.60
20	QPSK	1	49	17.32	17.32	17.31	17.60
20	QPSK	1	99	17.35	17.45	17.42	17.60
20	QPSK	50	0	17.24	17.31	17.29	17.60
20	QPSK	50	24	17.19	17.26	17.28	17.60
20	QPSK	50	50	17.26	17.35	17.34	17.60
20	QPSK	100	0	17.28	17.32	17.31	17.60
20	16QAM	1	0	17.52	17.49	17.52	17.60
20	16QAM	1	49	17.46	17.43	17.55	17.60
20	16QAM	1	99	17.53	17.53	17.55	17.60
20	16QAM	50	0	17.29	17.35	17.34	17.60
20	16QAM	50	24	17.22	17.30	17.34	17.60
20	16QAM	50	50	17.32	17.35	17.43	17.60
20	16QAM	100	0	17.31	17.35	17.45	17.60
20	64QAM	1	0	17.50	17.44	17.49	17.60
20	64QAM	1	49	17.35	17.51	17.43	17.60
20	64QAM	1	99	17.49	17.58	17.49	17.60

20	64QAM	50	0	17.25	17.36	17.34	17.60
20	64QAM	50	24	17.27	17.36	17.38	17.60
20	64QAM	50	50	17.34	17.38	17.44	17.60
20	64QAM	100	0	17.35	17.39	17.44	17.60
20	256QAM	1	0	17.47	17.42	17.43	17.60
20	256QAM	1	49	17.47	17.44	17.38	17.60
20	256QAM	1	99	17.49	17.59	17.50	17.60
20	256QAM	50	0	17.33	17.38	17.40	17.60
20	256QAM	50	24	17.32	17.36	17.41	17.60
20	256QAM	50	50	17.35	17.37	17.44	17.60
20	256QAM	100	0	17.39	17.43	17.44	17.60
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	17.24	17.15	17.17	17.60
15	QPSK	1	37	17.18	17.23	17.27	17.60
15	QPSK	1	74	17.31	17.36	17.40	17.60
15	QPSK	36	0	17.21	17.22	17.25	17.60
15	QPSK	36	20	17.06	17.16	17.21	17.60
15	QPSK	36	39	17.15	17.21	17.28	17.60
15	QPSK	75	0	17.20	17.29	17.19	17.60
15	16QAM	1	0	17.39	17.39	17.50	17.60
15	16QAM	1	37	17.33	17.36	17.42	17.60
15	16QAM	1	74	17.42	17.39	17.43	17.60
15	16QAM	36	0	17.27	17.30	17.25	17.60
15	16QAM	36	20	17.19	17.16	17.22	17.60
15	16QAM	36	39	17.26	17.32	17.31	17.60
15	16QAM	75	0	17.17	17.33	17.32	17.60
15	64QAM	1	0	17.48	17.32	17.44	17.60
15	64QAM	1	37	17.30	17.41	17.34	17.60
15	64QAM	1	74	17.46	17.51	17.34	17.60
15	64QAM	36	0	17.17	17.26	17.25	17.60
15	64QAM	36	20	17.18	17.22	17.36	17.60
15	64QAM	36	39	17.31	17.36	17.33	17.60
15	64QAM	75	0	17.22	17.36	17.42	17.60
15	256QAM	1	0	17.38	17.31	17.40	17.60
15	256QAM	1	37	17.32	17.34	17.28	17.60
15	256QAM	1	74	17.40	17.53	17.41	17.60
15	256QAM	36	0	17.27	17.33	17.39	17.60
15	256QAM	36	20	17.26	17.30	17.39	17.60
15	256QAM	36	39	17.31	17.24	17.43	17.60
15	256QAM	75	0	17.33	17.40	17.34	17.60
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.15	17.13	17.22	17.60
10	QPSK	1	25	17.22	17.22	17.27	17.60
10	QPSK	1	49	17.22	17.31	17.31	17.60
10	QPSK	25	0	17.11	17.21	17.23	17.60
10	QPSK	25	12	17.14	17.18	17.23	17.60
10	QPSK	25	25	17.12	17.27	17.26	17.60
10	QPSK	50	0	17.23	17.17	17.28	17.60
10	16QAM	1	0	17.44	17.44	17.50	17.60
10	16QAM	1	25	17.44	17.29	17.48	17.60
10	16QAM	1	49	17.41	17.45	17.42	17.60
10	16QAM	25	0	17.20	17.23	17.32	17.60
10	16QAM	25	12	17.20	17.20	17.31	17.60
10	16QAM	25	25	17.25	17.33	17.34	17.60
10	16QAM	50	0	17.18	17.33	17.30	17.60
10	64QAM	1	0	17.44	17.33	17.36	17.60
10	64QAM	1	25	17.33	17.45	17.40	17.60
10	64QAM	1	49	17.44	17.45	17.37	17.60
10	64QAM	25	0	17.17	17.31	17.31	17.60
10	64QAM	25	12	17.26	17.29	17.36	17.60
10	64QAM	25	25	17.30	17.30	17.36	17.60
10	64QAM	50	0	17.30	17.27	17.35	17.60
10	256QAM	1	0	17.38	17.31	17.34	17.60
10	256QAM	1	25	17.34	17.32	17.23	17.60
10	256QAM	1	49	17.39	17.54	17.46	17.60
10	256QAM	25	0	17.20	17.24	17.27	17.60
10	256QAM	25	12	17.17	17.31	17.29	17.60
10	256QAM	25	25	17.26	17.31	17.33	17.60
10	256QAM	50	0	17.34	17.33	17.40	17.60
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.12	17.13	17.26	17.60
5	QPSK	1	12	17.25	17.17	17.29	17.60
5	QPSK	1	24	17.31	17.44	17.37	17.60
5	QPSK	12	0	17.17	17.17	17.14	17.60
5	QPSK	12	7	17.15	17.24	17.14	17.60



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5	QPSK	12	13	17.20	17.23	17.20	17.60
5	QPSK	25	0	17.22	17.24	17.28	17.60
5	16QAM	1	0	17.39	17.39	17.47	17.60
5	16QAM	1	12	17.43	17.29	17.50	17.60
5	16QAM	1	24	17.44	17.42	17.49	17.60
5	16QAM	12	0	17.27	17.22	17.19	17.60
5	16QAM	12	7	17.14	17.24	17.32	17.60
5	16QAM	12	13	17.20	17.25	17.38	17.60
5	16QAM	25	0	17.25	17.24	17.36	17.60
5	64QAM	1	0	17.40	17.35	17.35	17.60
5	64QAM	1	12	17.29	17.49	17.29	17.60
5	64QAM	1	24	17.43	17.43	17.34	17.60
5	64QAM	12	0	17.24	17.35	17.31	17.60
5	64QAM	12	7	17.18	17.31	17.30	17.60
5	64QAM	12	13	17.27	17.30	17.40	17.60
5	64QAM	25	0	17.33	17.34	17.40	17.60
5	256QAM	1	0	17.38	17.31	17.31	17.60
5	256QAM	1	12	17.43	17.42	17.24	17.60
5	256QAM	1	24	17.39	17.49	17.42	17.60
5	256QAM	12	0	17.29	17.25	17.36	17.60
5	256QAM	12	7	17.23	17.28	17.36	17.60
5	256QAM	12	13	17.28	17.31	17.30	17.60
5	256QAM	25	0	17.34	17.34	17.31	17.60
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.16	17.19	17.23	17.60
3	QPSK	1	8	17.18	17.26	17.17	17.60
3	QPSK	1	14	17.28	17.43	17.41	17.60
3	QPSK	8	0	17.22	17.17	17.15	17.60
3	QPSK	8	4	17.10	17.23	17.17	17.60
3	QPSK	8	7	17.14	17.23	17.23	17.60
3	QPSK	15	0	17.27	17.22	17.19	17.60
3	16QAM	1	0	17.47	17.43	17.44	17.60
3	16QAM	1	8	17.41	17.38	17.43	17.60
3	16QAM	1	14	17.40	17.43	17.54	17.60
3	16QAM	8	0	17.27	17.29	17.22	17.60
3	16QAM	8	4	17.11	17.21	17.22	17.60
3	16QAM	8	7	17.25	17.29	17.36	17.60
3	16QAM	15	0	17.18	17.23	17.35	17.60
3	64QAM	1	0	17.47	17.41	17.46	17.60
3	64QAM	1	8	17.20	17.49	17.29	17.60
3	64QAM	1	14	17.40	17.51	17.35	17.60
3	64QAM	8	0	17.11	17.33	17.28	17.60
3	64QAM	8	4	17.24	17.28	17.28	17.60
3	64QAM	8	7	17.33	17.37	17.40	17.60
3	64QAM	15	0	17.30	17.27	17.31	17.60
3	256QAM	1	0	17.43	17.30	17.37	17.60
3	256QAM	1	8	17.39	17.43	17.31	17.60
3	256QAM	1	14	17.36	17.50	17.42	17.60
3	256QAM	8	0	17.23	17.29	17.28	17.60
3	256QAM	8	4	17.22	17.30	17.26	17.60
3	256QAM	8	7	17.30	17.24	17.31	17.60
3	256QAM	15	0	17.28	17.38	17.36	17.60
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.24	17.13	17.20	17.60
1.4	QPSK	1	3	17.27	17.30	17.23	17.60
1.4	QPSK	1	5	17.27	17.38	17.29	17.60
1.4	QPSK	3	0	17.14	17.23	17.28	17.60
1.4	QPSK	3	1	17.16	17.21	17.13	17.60
1.4	QPSK	3	3	17.15	17.26	17.22	17.60
1.4	QPSK	6	0	17.22	17.24	17.23	17.60
1.4	16QAM	1	0	17.46	17.45	17.48	17.60
1.4	16QAM	1	3	17.42	17.36	17.42	17.60
1.4	16QAM	1	5	17.38	17.46	17.52	17.60
1.4	16QAM	3	0	17.24	17.30	17.24	17.60
1.4	16QAM	3	1	17.19	17.20	17.26	17.60
1.4	16QAM	3	3	17.26	17.20	17.37	17.60
1.4	16QAM	6	0	17.21	17.25	17.32	17.60
1.4	64QAM	1	0	17.46	17.43	17.35	17.60
1.4	64QAM	1	3	17.26	17.41	17.30	17.60
1.4	64QAM	1	5	17.44	17.51	17.39	17.60
1.4	64QAM	3	0	17.22	17.21	17.25	17.60
1.4	64QAM	3	1	17.20	17.27	17.32	17.60
1.4	64QAM	3	3	17.29	17.35	17.38	17.60
1.4	64QAM	6	0	17.25	17.36	17.36	17.60
1.4	256QAM	1	0	17.33	17.39	17.38	17.60
1.4	256QAM	1	3	17.41	17.36	17.36	17.60

1.4	256QAM	1	5	17.39	17.45	17.37	17.60
1.4	256QAM	3	0	17.32	17.33	17.28	17.60
1.4	256QAM	3	1	17.24	17.28	17.31	17.60
1.4	256QAM	3	3	17.21	17.34	17.41	17.60
1.4	256QAM	6	0	17.26	17.36	17.31	17.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.26	17.26	17.31	17.60
20	QPSK	1	49	17.32	17.32	17.31	17.60
20	QPSK	1	99	17.35	17.45	17.42	17.60
20	QPSK	50	0	17.24	17.31	17.29	17.60
20	QPSK	50	24	17.19	17.26	17.28	17.60
20	QPSK	50	50	17.26	17.35	17.34	17.60
20	QPSK	100	0	17.28	17.32	17.31	17.60
20	16QAM	1	0	17.52	17.49	17.52	17.60
20	16QAM	1	49	17.46	17.43	17.55	17.60
20	16QAM	1	99	17.53	17.53	17.55	17.60
20	16QAM	50	0	17.29	17.35	17.34	17.60
20	16QAM	50	24	17.22	17.30	17.34	17.60
20	16QAM	50	50	17.32	17.35	17.43	17.60
20	16QAM	100	0	17.31	17.35	17.45	17.60
20	64QAM	1	0	17.50	17.44	17.49	17.60
20	64QAM	1	49	17.35	17.51	17.43	17.60
20	64QAM	1	99	17.49	17.58	17.49	17.60
20	64QAM	50	0	17.25	17.36	17.34	17.60
20	64QAM	50	24	17.27	17.36	17.38	17.60
20	64QAM	50	50	17.34	17.38	17.44	17.60
20	64QAM	100	0	17.35	17.39	17.44	17.60
20	256QAM	1	0	17.47	17.42	17.43	17.60
20	256QAM	1	49	17.47	17.44	17.38	17.60
20	256QAM	1	99	17.49	17.59	17.50	17.60
20	256QAM	50	0	17.33	17.38	17.40	17.60
20	256QAM	50	24	17.32	17.36	17.41	17.60
20	256QAM	50	50	17.35	17.37	17.44	17.60
20	256QAM	100	0	17.39	17.43	17.44	17.60
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.24	17.15	17.17	17.60
15	QPSK	1	37	17.18	17.23	17.27	17.60
15	QPSK	1	74	17.31	17.36	17.40	17.60
15	QPSK	36	0	17.21	17.22	17.25	17.60
15	QPSK	36	20	17.06	17.16	17.21	17.60
15	QPSK	36	39	17.15	17.21	17.28	17.60
15	QPSK	75	0	17.20	17.29	17.19	17.60
15	16QAM	1	0	17.39	17.39	17.50	17.60
15	16QAM	1	37	17.33	17.36	17.42	17.60
15	16QAM	1	74	17.42	17.39	17.43	17.60
15	16QAM	36	0	17.27	17.30	17.25	17.60
15	16QAM	36	20	17.19	17.16	17.22	17.60
15	16QAM	36	39	17.26	17.32	17.31	17.60
15	16QAM	75	0	17.17	17.33	17.32	17.60
15	64QAM	1	0	17.48	17.32	17.44	17.60
15	64QAM	1	37	17.30	17.41	17.34	17.60
15	64QAM	1	74	17.46	17.51	17.34	17.60
15	64QAM	36	0	17.17	17.26	17.25	17.60
15	64QAM	36	20	17.18	17.22	17.36	17.60
15	64QAM	36	39	17.31	17.36	17.33	17.60
15	64QAM	75	0	17.22	17.36	17.42	17.60
15	256QAM	1	0	17.38	17.31	17.40	17.60
15	256QAM	1	37	17.32	17.34	17.28	17.60
15	256QAM	1	74	17.40	17.53	17.41	17.60
15	256QAM	36	0	17.27	17.33	17.39	17.60
15	256QAM	36	20	17.26	17.30	17.39	17.60
15	256QAM	36	39	17.31	17.24	17.43	17.60
15	256QAM	75	0	17.33	17.40	17.34	17.60
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.15	17.13	17.22	17.60
10	QPSK	1	25	17.22	17.22	17.27	17.60



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10	QPSK	1	49	17.22	17.31	17.31	17.60
10	QPSK	25	0	17.11	17.21	17.23	17.60
10	QPSK	25	12	17.14	17.18	17.23	17.60
10	QPSK	25	25	17.12	17.27	17.26	17.60
10	QPSK	50	0	17.23	17.17	17.28	17.60
10	16QAM	1	0	17.44	17.44	17.50	17.60
10	16QAM	1	25	17.44	17.29	17.48	17.60
10	16QAM	1	49	17.41	17.45	17.42	17.60
10	16QAM	25	0	17.20	17.23	17.32	17.60
10	16QAM	25	12	17.20	17.20	17.31	17.60
10	16QAM	25	25	17.25	17.33	17.34	17.60
10	16QAM	50	0	17.18	17.33	17.30	17.60
10	64QAM	1	0	17.44	17.33	17.36	17.60
10	64QAM	1	25	17.33	17.45	17.40	17.60
10	64QAM	1	49	17.44	17.45	17.37	17.60
10	64QAM	25	0	17.17	17.31	17.31	17.60
10	64QAM	25	12	17.26	17.29	17.36	17.60
10	64QAM	25	25	17.30	17.30	17.36	17.60
10	64QAM	50	0	17.30	17.27	17.35	17.60
10	256QAM	1	0	17.38	17.31	17.34	17.60
10	256QAM	1	25	17.34	17.32	17.23	17.60
10	256QAM	1	49	17.39	17.54	17.46	17.60
10	256QAM	25	0	17.20	17.24	17.27	17.60
10	256QAM	25	12	17.17	17.31	17.29	17.60
10	256QAM	25	25	17.26	17.31	17.33	17.60
10	256QAM	50	0	17.34	17.33	17.40	17.60
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.12	17.13	17.26	17.60
5	QPSK	1	12	17.25	17.17	17.29	17.60
5	QPSK	1	24	17.31	17.44	17.37	17.60
5	QPSK	12	0	17.17	17.17	17.14	17.60
5	QPSK	12	7	17.15	17.24	17.14	17.60
5	QPSK	12	13	17.20	17.23	17.20	17.60
5	QPSK	25	0	17.22	17.24	17.28	17.60
5	16QAM	1	0	17.39	17.39	17.47	17.60
5	16QAM	1	12	17.43	17.29	17.50	17.60
5	16QAM	1	24	17.44	17.42	17.49	17.60
5	16QAM	12	0	17.27	17.22	17.19	17.60
5	16QAM	12	7	17.14	17.24	17.32	17.60
5	16QAM	12	13	17.20	17.25	17.38	17.60
5	16QAM	25	0	17.25	17.24	17.36	17.60
5	64QAM	1	0	17.40	17.35	17.35	17.60
5	64QAM	1	12	17.29	17.49	17.29	17.60
5	64QAM	1	24	17.43	17.43	17.34	17.60
5	64QAM	12	0	17.24	17.35	17.31	17.60
5	64QAM	12	7	17.18	17.31	17.30	17.60
5	64QAM	12	13	17.27	17.30	17.40	17.60
5	64QAM	25	0	17.33	17.34	17.40	17.60
5	256QAM	1	0	17.38	17.31	17.31	17.60
5	256QAM	1	12	17.43	17.42	17.24	17.60
5	256QAM	1	24	17.39	17.49	17.42	17.60
5	256QAM	12	0	17.29	17.25	17.36	17.60
5	256QAM	12	7	17.23	17.28	17.36	17.60
5	256QAM	12	13	17.28	17.31	17.30	17.60
5	256QAM	25	0	17.34	17.34	17.31	17.60
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.16	17.19	17.23	17.60
3	QPSK	1	8	17.18	17.26	17.17	17.60
3	QPSK	1	14	17.28	17.43	17.41	17.60
3	QPSK	8	0	17.22	17.17	17.15	17.60
3	QPSK	8	4	17.10	17.23	17.17	17.60
3	QPSK	8	7	17.14	17.23	17.23	17.60
3	QPSK	15	0	17.27	17.22	17.19	17.60
3	16QAM	1	0	17.47	17.43	17.44	17.60
3	16QAM	1	8	17.41	17.38	17.43	17.60
3	16QAM	1	14	17.40	17.43	17.54	17.60
3	16QAM	8	0	17.27	17.29	17.22	17.60
3	16QAM	8	4	17.11	17.21	17.22	17.60
3	16QAM	8	7	17.25	17.29	17.36	17.60
3	16QAM	15	0	17.18	17.23	17.35	17.60
3	64QAM	1	0	17.47	17.41	17.46	17.60
3	64QAM	1	8	17.20	17.49	17.29	17.60
3	64QAM	1	14	17.40	17.51	17.35	17.60
3	64QAM	8	0	17.11	17.33	17.28	17.60
3	64QAM	8	4	17.24	17.28	17.28	17.60
3	64QAM	8	7	17.33	17.37	17.40	17.60

3	64QAM	15	0	17.30	17.27	17.31	17.60
3	256QAM	1	0	17.43	17.30	17.37	17.60
3	256QAM	1	8	17.39	17.43	17.31	17.60
3	256QAM	1	14	17.36	17.50	17.42	17.60
3	256QAM	8	0	17.23	17.29	17.28	17.60
3	256QAM	8	4	17.22	17.30	17.26	17.60
3	256QAM	8	7	17.30	17.24	17.31	17.60
3	256QAM	15	0	17.28	17.38	17.36	17.60
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.24	17.13	17.20	17.60
1.4	QPSK	1	3	17.27	17.30	17.23	17.60
1.4	QPSK	1	5	17.27	17.38	17.29	17.60
1.4	QPSK	3	0	17.14	17.23	17.28	17.60
1.4	QPSK	3	1	17.16	17.21	17.13	17.60
1.4	QPSK	3	3	17.15	17.26	17.22	17.60
1.4	QPSK	6	0	17.22	17.24	17.23	17.60
1.4	16QAM	1	0	17.46	17.45	17.48	17.60
1.4	16QAM	1	3	17.42	17.36	17.42	17.60
1.4	16QAM	1	5	17.38	17.46	17.52	17.60
1.4	16QAM	3	0	17.24	17.30	17.24	17.60
1.4	16QAM	3	1	17.19	17.20	17.26	17.60
1.4	16QAM	3	3	17.26	17.20	17.37	17.60
1.4	16QAM	6	0	17.21	17.25	17.32	17.60
1.4	64QAM	1	0	17.46	17.43	17.35	17.60
1.4	64QAM	1	3	17.26	17.41	17.30	17.60
1.4	64QAM	1	5	17.44	17.51	17.39	17.60
1.4	64QAM	3	0	17.22	17.21	17.25	17.60
1.4	64QAM	3	1	17.20	17.27	17.32	17.60
1.4	64QAM	3	3	17.29	17.35	17.38	17.60
1.4	64QAM	6	0	17.25	17.36	17.36	17.60
1.4	256QAM	1	0	17.33	17.39	17.38	17.60
1.4	256QAM	1	3	17.41	17.36	17.36	17.60
1.4	256QAM	1	5	17.39	17.45	17.37	17.60
1.4	256QAM	3	0	17.32	17.33	17.28	17.60
1.4	256QAM	3	1	17.24	17.28	17.31	17.60
1.4	256QAM	3	3	17.21	17.34	17.41	17.60
1.4	256QAM	6	0	17.26	17.36	17.31	17.60

【LTE Band 71_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.69	24.73	24.71	25.10
20	QPSK	1	49	24.60	24.60	24.54	25.10
20	QPSK	1	99	24.58	24.60	24.58	25.10
20	QPSK	50	0	23.60	23.66	23.59	24.10
20	QPSK	50	24	23.59	23.58	23.57	24.10
20	QPSK	50	50	23.61	23.58	23.59	24.10
20	QPSK	100	0	23.57	23.66	23.56	24.10
20	16QAM	1	0	23.96	23.90	24.01	24.10
20	16QAM	1	49	23.89	23.93	23.83	24.10
20	16QAM	1	99	23.93	23.90	23.85	24.10
20	16QAM	50	0	22.62	22.71	22.62	23.10
20	16QAM	50	24	22.64	22.63	22.63	23.10
20	16QAM	50	50	22.63	22.64	22.64	23.10
20	16QAM	100	0	22.60	22.68	22.61	23.10
20	64QAM	1	0	22.85	22.89	22.95	23.10
20	64QAM	1	49	22.77	22.87	22.71	23.10
20	64QAM	1	99	22.84	22.79	22.84	23.10
20	64QAM	50	0	21.59	21.71	21.59	22.10
20	64QAM	50	24	21.60	21.66	21.61	22.10
20	64QAM	50	50	21.59	21.64	21.57	22.10
20	64QAM	100	0	21.58	21.69	21.57	22.10
20	256QAM	1	0	19.69	19.70	19.79	20.10
20	256QAM	1	49	19.73	19.71	19.64	20.10
20	256QAM	1	99	19.66	19.64	19.70	20.10



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20	256QAM	50	0	19.58	19.69	19.59	20.10
20	256QAM	50	24	19.59	19.60	19.60	20.10
20	256QAM	50	50	19.58	19.60	19.57	20.10
20	256QAM	100	0	19.56	19.68	19.59	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	24.72	24.72	24.71	25.10
15	QPSK	1	37	24.62	24.65	24.71	25.10
15	QPSK	1	74	24.70	24.63	24.71	25.10
15	QPSK	36	0	23.58	23.62	23.60	24.10
15	QPSK	36	20	23.53	23.58	23.53	24.10
15	QPSK	36	39	23.59	23.58	23.57	24.10
15	QPSK	75	0	23.53	23.58	23.55	24.10
15	16QAM	1	0	23.93	23.99	24.06	24.10
15	16QAM	1	37	23.89	23.92	23.94	24.10
15	16QAM	1	74	23.95	23.93	23.92	24.10
15	16QAM	36	0	22.64	22.68	22.63	23.10
15	16QAM	36	20	22.58	22.65	22.57	23.10
15	16QAM	36	39	22.59	22.62	22.61	23.10
15	16QAM	75	0	22.54	22.58	22.61	23.10
15	64QAM	1	0	22.84	22.91	22.83	23.10
15	64QAM	1	37	22.71	22.73	22.75	23.10
15	64QAM	1	74	22.80	22.77	22.81	23.10
15	64QAM	36	0	21.58	21.66	21.63	22.10
15	64QAM	36	20	21.61	21.63	21.61	22.10
15	64QAM	36	39	21.54	21.61	21.60	22.10
15	64QAM	75	0	21.55	21.56	21.59	22.10
15	256QAM	1	0	19.73	19.75	19.78	20.10
15	256QAM	1	37	19.60	19.68	19.70	20.10
15	256QAM	1	74	19.63	19.61	19.70	20.10
15	256QAM	36	0	19.57	19.63	19.60	20.10
15	256QAM	36	20	19.58	19.61	19.59	20.10
15	256QAM	36	39	19.52	19.59	19.56	20.10
15	256QAM	75	0	19.55	19.57	19.60	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.68	24.71	24.71	25.10
10	QPSK	1	25	24.61	24.69	24.60	25.10
10	QPSK	1	49	24.65	24.68	24.71	25.10
10	QPSK	25	0	23.63	23.69	23.68	24.10
10	QPSK	25	12	23.59	23.62	23.59	24.10
10	QPSK	25	25	23.59	23.65	23.60	24.10
10	QPSK	50	0	23.61	23.61	23.64	24.10
10	16QAM	1	0	23.86	23.95	23.90	24.10
10	16QAM	1	25	23.85	23.92	23.85	24.10
10	16QAM	1	49	23.93	23.99	23.89	24.10
10	16QAM	25	0	22.63	22.71	22.68	23.10
10	16QAM	25	12	22.61	22.64	22.61	23.10
10	16QAM	25	25	22.61	22.66	22.62	23.10
10	16QAM	50	0	22.62	22.63	22.68	23.10
10	64QAM	1	0	22.76	22.78	22.81	23.10
10	64QAM	1	25	22.76	22.83	22.71	23.10
10	64QAM	1	49	22.81	22.88	22.86	23.10
10	64QAM	25	0	21.56	21.63	21.61	22.10
10	64QAM	25	12	21.55	21.55	21.53	22.10
10	64QAM	25	25	21.52	21.57	21.58	22.10
10	64QAM	50	0	21.57	21.57	21.60	22.10
10	256QAM	1	0	19.64	19.69	19.73	20.10
10	256QAM	1	25	19.62	19.68	19.60	20.10
10	256QAM	1	49	19.65	19.68	19.73	20.10
10	256QAM	25	0	19.58	19.64	19.58	20.10
10	256QAM	25	12	19.55	19.55	19.52	20.10
10	256QAM	25	25	19.54	19.56	19.58	20.10
10	256QAM	50	0	19.56	19.57	19.63	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.64	24.66	24.66	25.10
5	QPSK	1	12	24.62	24.64	24.59	25.10
5	QPSK	1	24	24.64	24.73	24.66	25.10
5	QPSK	12	0	23.58	23.63	23.56	24.10
5	QPSK	12	7	23.52	23.53	23.52	24.10
5	QPSK	12	13	23.57	23.60	23.57	24.10
5	QPSK	25	0	23.63	23.62	23.64	24.10
5	16QAM	1	0	23.84	23.89	23.99	24.10
5	16QAM	1	12	23.85	23.84	23.74	24.10
5	16QAM	1	24	23.97	24.02	23.84	24.10
5	16QAM	12	0	22.62	22.70	22.64	23.10
5	16QAM	12	7	22.60	22.60	22.60	23.10

5	16QAM	12	13	22.63	22.67	22.62	23.10
5	16QAM	25	0	22.63	22.64	22.65	23.10
5	64QAM	1	0	22.79	22.79	22.88	23.10
5	64QAM	1	12	22.78	22.77	22.75	23.10
5	64QAM	1	24	22.77	22.90	22.79	23.10
5	64QAM	12	0	21.59	21.67	21.59	22.10
5	64QAM	12	7	21.56	21.56	21.59	22.10
5	64QAM	12	13	21.60	21.61	21.62	22.10
5	64QAM	25	0	21.60	21.58	21.62	22.10
5	256QAM	1	0	19.62	19.67	19.66	20.10
5	256QAM	1	12	19.61	19.57	19.64	20.10
5	256QAM	1	24	19.72	19.72	19.69	20.10
5	256QAM	12	0	19.55	19.62	19.57	20.10
5	256QAM	12	7	19.51	19.55	19.56	20.10
5	256QAM	12	13	19.58	19.59	19.59	20.10
5	256QAM	25	0	19.59	19.60	19.60	20.10

【LTE Band 71_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.69	24.73	24.71	25.10
20	QPSK	1	49	24.60	24.60	24.54	25.10
20	QPSK	1	99	24.58	24.60	24.58	25.10
20	QPSK	50	0	23.60	23.66	23.59	24.10
20	QPSK	50	24	23.59	23.58	23.57	24.10
20	QPSK	50	50	23.61	23.58	23.59	24.10
20	QPSK	100	0	23.57	23.66	23.56	24.10
20	16QAM	1	0	23.96	23.90	24.01	24.10
20	16QAM	1	49	23.89	23.93	23.83	24.10
20	16QAM	1	99	23.93	23.90	23.85	24.10
20	16QAM	50	0	22.62	22.71	22.62	23.10
20	16QAM	50	24	22.64	22.63	22.63	23.10
20	16QAM	50	50	22.63	22.64	22.64	23.10
20	16QAM	100	0	22.60	22.68	22.61	23.10
20	64QAM	1	0	22.85	22.89	22.95	23.10
20	64QAM	1	49	22.77	22.87	22.71	23.10
20	64QAM	1	99	22.84	22.79	22.84	23.10
20	64QAM	50	0	21.59	21.71	21.59	22.10
20	64QAM	50	24	21.60	21.66	21.61	22.10
20	64QAM	50	50	21.59	21.64	21.57	22.10
20	64QAM	100	0	21.58	21.69	21.57	22.10
20	256QAM	1	0	19.69	19.70	19.79	20.10
20	256QAM	1	49	19.73	19.71	19.64	20.10
20	256QAM	1	99	19.66	19.64	19.70	20.10
20	256QAM	50	0	19.58	19.69	19.59	20.10
20	256QAM	50	24	19.59	19.60	19.60	20.10
20	256QAM	50	50	19.58	19.60	19.57	20.10
20	256QAM	100	0	19.56	19.68	19.59	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.72	24.72	24.71	25.10
15	QPSK	1	37	24.62	24.65	24.71	25.10
15	QPSK	1	74	24.70	24.63	24.71	25.10
15	QPSK	36	0	23.58	23.62	23.60	24.10
15	QPSK	36	20	23.53	23.58	23.53	24.10
15	QPSK	36	39	23.59	23.58	23.57	24.10
15	QPSK	75	0	23.53	23.58	23.55	24.10
15	16QAM	1	0	23.93	23.99	24.06	24.10
15	16QAM	1	37	23.89	23.92	23.94	24.10
15	16QAM	1	74	23.95	23.93	23.92	24.10
15	16QAM	36	0	22.64	22.68	22.63	23.10
15	16QAM	36	20	22.58	22.65	22.57	23.10
15	16QAM	36	39	22.59	22.62	22.61	23.10
15	16QAM	75	0	22.54	22.58	22.61	23.10
15	64QAM	1	0	22.84	22.91	22.83	23.10
15	64QAM	1	37	22.71	22.73	22.75	23.10
15	64QAM	1	74	22.80	22.77	22.81	23.10
15	64QAM	36	0	21.58	21.66	21.63	22.10
15	64QAM	36	20	21.61	21.63	21.61	22.10
15	64QAM	36	39	21.54	21.61	21.60	22.10
15	64QAM	75	0	21.55	21.56	21.59	22.10

15	256QAM	1	0	19.73	19.75	19.78	20.10
15	256QAM	1	37	19.60	19.68	19.70	20.10
15	256QAM	1	74	19.63	19.61	19.70	20.10
15	256QAM	36	0	19.57	19.63	19.60	20.10
15	256QAM	36	20	19.58	19.61	19.59	20.10
15	256QAM	36	39	19.52	19.59	19.56	20.10
15	256QAM	75	0	19.55	19.57	19.60	20.10
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.68	24.71	24.71	25.10
10	QPSK	1	25	24.61	24.69	24.60	25.10
10	QPSK	1	49	24.65	24.68	24.71	25.10
10	QPSK	25	0	23.63	23.69	23.68	24.10
10	QPSK	25	12	23.59	23.62	23.59	24.10
10	QPSK	25	25	23.59	23.65	23.60	24.10
10	QPSK	50	0	23.61	23.61	23.64	24.10
10	16QAM	1	0	23.86	23.95	23.90	24.10
10	16QAM	1	25	23.85	23.92	23.85	24.10
10	16QAM	1	49	23.93	23.99	23.89	24.10
10	16QAM	25	0	22.63	22.71	22.68	23.10
10	16QAM	25	12	22.61	22.64	22.61	23.10
10	16QAM	25	25	22.61	22.66	22.62	23.10
10	16QAM	50	0	22.62	22.63	22.68	23.10
10	64QAM	1	0	22.76	22.78	22.81	23.10
10	64QAM	1	25	22.76	22.83	22.71	23.10
10	64QAM	1	49	22.81	22.88	22.86	23.10
10	64QAM	25	0	21.56	21.63	21.61	22.10
10	64QAM	25	12	21.55	21.55	21.53	22.10
10	64QAM	25	25	21.52	21.57	21.58	22.10
10	64QAM	50	0	21.57	21.57	21.60	22.10
10	256QAM	1	0	19.64	19.69	19.73	20.10
10	256QAM	1	25	19.62	19.68	19.60	20.10
10	256QAM	1	49	19.65	19.68	19.73	20.10
10	256QAM	25	0	19.58	19.64	19.58	20.10
10	256QAM	25	12	19.55	19.55	19.52	20.10
10	256QAM	25	25	19.54	19.56	19.58	20.10
10	256QAM	50	0	19.56	19.57	19.63	20.10
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.64	24.66	24.66	25.10
5	QPSK	1	12	24.62	24.64	24.59	25.10
5	QPSK	1	24	24.64	24.73	24.66	25.10
5	QPSK	12	0	23.58	23.63	23.56	24.10
5	QPSK	12	7	23.52	23.53	23.52	24.10
5	QPSK	12	13	23.57	23.60	23.57	24.10
5	QPSK	25	0	23.63	23.62	23.64	24.10
5	16QAM	1	0	23.84	23.89	23.99	24.10
5	16QAM	1	12	23.85	23.84	23.74	24.10
5	16QAM	1	24	23.97	24.02	23.84	24.10
5	16QAM	12	0	22.62	22.70	22.64	23.10
5	16QAM	12	7	22.60	22.60	22.60	23.10
5	16QAM	12	13	22.63	22.67	22.62	23.10
5	16QAM	25	0	22.63	22.64	22.65	23.10
5	64QAM	1	0	22.79	22.79	22.88	23.10
5	64QAM	1	12	22.78	22.77	22.75	23.10
5	64QAM	1	24	22.77	22.90	22.79	23.10
5	64QAM	12	0	21.59	21.67	21.59	22.10
5	64QAM	12	7	21.56	21.56	21.59	22.10
5	64QAM	12	13	21.60	21.61	21.62	22.10
5	64QAM	25	0	21.60	21.58	21.62	22.10
5	256QAM	1	0	19.62	19.67	19.66	20.10
5	256QAM	1	12	19.61	19.57	19.64	20.10
5	256QAM	1	24	19.72	19.72	19.69	20.10
5	256QAM	12	0	19.55	19.62	19.57	20.10
5	256QAM	12	7	19.51	19.55	19.56	20.10
5	256QAM	12	13	19.58	19.59	19.59	20.10
5	256QAM	25	0	19.59	19.60	19.60	20.10

【LTE Band 71_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	



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20	QPSK	1	0	24.69	24.73	24.71	25.10
20	QPSK	1	49	24.60	24.60	24.54	25.10
20	QPSK	1	99	24.58	24.60	24.58	25.10
20	QPSK	50	0	23.60	23.66	23.59	24.10
20	QPSK	50	24	23.59	23.58	23.57	24.10
20	QPSK	50	50	23.61	23.58	23.59	24.10
20	QPSK	100	0	23.57	23.66	23.56	24.10
20	16QAM	1	0	23.96	23.90	24.01	24.10
20	16QAM	1	49	23.89	23.93	23.83	24.10
20	16QAM	1	99	23.93	23.90	23.85	24.10
20	16QAM	50	0	22.62	22.71	22.62	23.10
20	16QAM	50	24	22.64	22.63	22.63	23.10
20	16QAM	50	50	22.63	22.64	22.64	23.10
20	16QAM	100	0	22.60	22.68	22.61	23.10
20	64QAM	1	0	22.85	22.89	22.95	23.10
20	64QAM	1	49	22.77	22.87	22.71	23.10
20	64QAM	1	99	22.84	22.79	22.84	23.10
20	64QAM	50	0	21.59	21.71	21.59	22.10
20	64QAM	50	24	21.60	21.66	21.61	22.10
20	64QAM	50	50	21.59	21.64	21.57	22.10
20	64QAM	100	0	21.58	21.69	21.57	22.10
20	256QAM	1	0	19.69	19.70	19.79	20.10
20	256QAM	1	49	19.73	19.71	19.64	20.10
20	256QAM	1	99	19.66	19.64	19.70	20.10
20	256QAM	50	0	19.58	19.69	19.59	20.10
20	256QAM	50	24	19.59	19.60	19.60	20.10
20	256QAM	50	50	19.58	19.60	19.57	20.10
20	256QAM	100	0	19.56	19.68	19.59	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	24.72	24.72	24.71	25.10
15	QPSK	1	37	24.62	24.65	24.71	25.10
15	QPSK	1	74	24.70	24.63	24.71	25.10
15	QPSK	36	0	23.58	23.62	23.60	24.10
15	QPSK	36	20	23.53	23.58	23.53	24.10
15	QPSK	36	39	23.59	23.58	23.57	24.10
15	QPSK	75	0	23.53	23.58	23.55	24.10
15	16QAM	1	0	23.93	23.99	24.06	24.10
15	16QAM	1	37	23.89	23.92	23.94	24.10
15	16QAM	1	74	23.95	23.93	23.92	24.10
15	16QAM	36	0	22.64	22.68	22.63	23.10
15	16QAM	36	20	22.58	22.65	22.57	23.10
15	16QAM	36	39	22.59	22.62	22.61	23.10
15	16QAM	75	0	22.54	22.58	22.61	23.10
15	64QAM	1	0	22.84	22.91	22.83	23.10
15	64QAM	1	37	22.71	22.73	22.75	23.10
15	64QAM	1	74	22.80	22.77	22.81	23.10
15	64QAM	36	0	21.58	21.66	21.63	22.10
15	64QAM	36	20	21.61	21.63	21.61	22.10
15	64QAM	36	39	21.54	21.61	21.60	22.10
15	64QAM	75	0	21.55	21.56	21.59	22.10
15	256QAM	1	0	19.73	19.75	19.78	20.10
15	256QAM	1	37	19.60	19.68	19.70	20.10
15	256QAM	1	74	19.63	19.61	19.70	20.10
15	256QAM	36	0	19.57	19.63	19.60	20.10
15	256QAM	36	20	19.58	19.61	19.59	20.10
15	256QAM	36	39	19.52	19.59	19.56	20.10
15	256QAM	75	0	19.55	19.57	19.60	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.68	24.71	24.71	25.10
10	QPSK	1	25	24.61	24.69	24.60	25.10
10	QPSK	1	49	24.65	24.68	24.71	25.10
10	QPSK	25	0	23.63	23.69	23.68	24.10
10	QPSK	25	12	23.59	23.62	23.59	24.10
10	QPSK	25	25	23.59	23.65	23.60	24.10
10	QPSK	50	0	23.61	23.61	23.64	24.10
10	16QAM	1	0	23.86	23.95	23.90	24.10
10	16QAM	1	25	23.85	23.92	23.85	24.10
10	16QAM	1	49	23.93	23.99	23.89	24.10
10	16QAM	25	0	22.63	22.71	22.68	23.10
10	16QAM	25	12	22.61	22.64	22.61	23.10
10	16QAM	25	25	22.61	22.66	22.62	23.10
10	16QAM	50	0	22.62	22.63	22.68	23.10
10	64QAM	1	0	22.76	22.78	22.81	23.10
10	64QAM	1	25	22.76	22.83	22.71	23.10
10	64QAM	1	49	22.81	22.88	22.86	23.10
10	64QAM	25	0	21.56	21.63	21.61	22.10

10	64QAM	25	12	21.55	21.55	21.53	22.10
10	64QAM	25	25	21.52	21.57	21.58	22.10
10	64QAM	50	0	21.57	21.57	21.60	22.10
10	256QAM	1	0	19.64	19.69	19.73	20.10
10	256QAM	1	25	19.62	19.68	19.60	20.10
10	256QAM	1	49	19.65	19.68	19.73	20.10
10	256QAM	25	0	19.58	19.64	19.58	20.10
10	256QAM	25	12	19.55	19.55	19.52	20.10
10	256QAM	25	25	19.54	19.56	19.58	20.10
10	256QAM	50	0	19.56	19.57	19.63	20.10
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.64	24.66	24.66	25.10
5	QPSK	1	12	24.62	24.64	24.59	25.10
5	QPSK	1	24	24.64	24.73	24.66	25.10
5	QPSK	12	0	23.58	23.63	23.56	24.10
5	QPSK	12	7	23.52	23.53	23.52	24.10
5	QPSK	12	13	23.57	23.60	23.57	24.10
5	QPSK	25	0	23.63	23.62	23.64	24.10
5	16QAM	1	0	23.84	23.89	23.99	24.10
5	16QAM	1	12	23.85	23.84	23.74	24.10
5	16QAM	1	24	23.97	24.02	23.84	24.10
5	16QAM	12	0	22.62	22.70	22.64	23.10
5	16QAM	12	7	22.60	22.60	22.60	23.10
5	16QAM	12	13	22.63	22.67	22.62	23.10
5	16QAM	25	0	22.63	22.64	22.65	23.10
5	64QAM	1	0	22.79	22.79	22.88	23.10
5	64QAM	1	12	22.78	22.77	22.75	23.10
5	64QAM	1	24	22.77	22.90	22.79	23.10
5	64QAM	12	0	21.59	21.67	21.59	22.10
5	64QAM	12	7	21.56	21.56	21.59	22.10
5	64QAM	12	13	21.60	21.61	21.62	22.10
5	64QAM	25	0	21.60	21.58	21.62	22.10
5	256QAM	1	0	19.62	19.67	19.66	20.10
5	256QAM	1	12	19.61	19.57	19.64	20.10
5	256QAM	1	24	19.72	19.72	19.69	20.10
5	256QAM	12	0	19.55	19.62	19.57	20.10
5	256QAM	12	7	19.51	19.55	19.56	20.10
5	256QAM	12	13	19.58	19.59	19.59	20.10
5	256QAM	25	0	19.59	19.60	19.60	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.75	22.81	22.77	23.00
20	QPSK	1	49	22.57	22.75	22.56	23.00
20	QPSK	1	99	22.59	22.73	22.62	23.00
20	QPSK	50	0	22.64	22.82	22.69	23.00
20	QPSK	50	24	22.54	22.72	22.67	23.00
20	QPSK	50	50	22.59	22.71	22.63	23.00
20	QPSK	100	0	22.53	22.71	22.58	23.00
20	16QAM	1	0	22.74	22.97	22.76	23.00
20	16QAM	1	49	22.75	22.88	22.70	23.00
20	16QAM	1	99	22.72	22.80	22.71	23.00
20	16QAM	50	0	22.60	22.69	22.55	23.00
20	16QAM	50	24	22.50	22.61	22.47	23.00
20	16QAM	50	50	22.51	22.58	22.50	23.00
20	16QAM	100	0	22.45	22.62	22.44	23.00
20	64QAM	1	0	22.75	22.92	22.76	23.00
20	64QAM	1	49	22.68	22.81	22.70	23.00
20	64QAM	1	99	22.68	22.83	22.68	23.00
20	64QAM	50	0	21.65	21.77	21.64	22.10
20	64QAM	50	24	21.47	21.67	21.57	22.10
20	64QAM	50	50	21.52	21.66	21.59	22.10
20	64QAM	100	0	21.57	21.70	21.53	22.10
20	256QAM	1	0	19.69	19.87	19.69	20.10
20	256QAM	1	49	19.69	19.76	19.68	20.10
20	256QAM	1	99	19.65	19.76	19.63	20.10
20	256QAM	50	0	19.60	19.74	19.57	20.10
20	256QAM	50	24	19.47	19.65	19.60	20.10
20	256QAM	50	50	19.44	19.62	19.47	20.10



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20	256QAM	100	0	19.56	19.68	19.55	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.66	22.74	22.71	23.00
15	QPSK	1	37	22.43	22.68	22.52	23.00
15	QPSK	1	74	22.56	22.69	22.60	23.00
15	QPSK	36	0	22.57	22.81	22.64	23.00
15	QPSK	36	20	22.52	22.60	22.54	23.00
15	QPSK	36	39	22.48	22.56	22.56	23.00
15	QPSK	75	0	22.52	22.69	22.47	23.00
15	16QAM	1	0	22.68	22.81	22.69	23.00
15	16QAM	1	37	22.62	22.81	22.69	23.00
15	16QAM	1	74	22.66	22.77	22.66	23.00
15	16QAM	36	0	22.45	22.64	22.45	23.00
15	16QAM	36	20	22.49	22.49	22.45	23.00
15	16QAM	36	39	22.36	22.50	22.49	23.00
15	16QAM	75	0	22.41	22.54	22.35	23.00
15	64QAM	1	0	22.64	22.78	22.62	23.00
15	64QAM	1	37	22.59	22.75	22.56	23.00
15	64QAM	1	74	22.55	22.78	22.65	23.00
15	64QAM	36	0	21.53	21.69	21.55	22.10
15	64QAM	36	20	21.43	21.53	21.56	22.10
15	64QAM	36	39	21.49	21.54	21.56	22.10
15	64QAM	75	0	21.49	21.65	21.43	22.10
15	256QAM	1	0	19.57	19.83	19.56	20.10
15	256QAM	1	37	19.67	19.68	19.54	20.10
15	256QAM	1	74	19.54	19.68	19.49	20.10
15	256QAM	36	0	19.55	19.61	19.55	20.10
15	256QAM	36	20	19.36	19.52	19.54	20.10
15	256QAM	36	39	19.36	19.57	19.42	20.10
15	256QAM	75	0	19.54	19.57	19.47	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.68	22.73	22.71	23.00
10	QPSK	1	25	22.55	22.69	22.50	23.00
10	QPSK	1	49	22.51	22.61	22.56	23.00
10	QPSK	25	0	22.61	22.76	22.55	23.00
10	QPSK	25	12	22.42	22.67	22.62	23.00
10	QPSK	25	25	22.49	22.65	22.49	23.00
10	QPSK	50	0	22.48	22.62	22.44	23.00
10	16QAM	1	0	22.65	22.80	22.67	23.00
10	16QAM	1	25	22.74	22.79	22.58	23.00
10	16QAM	1	49	22.70	22.76	22.65	23.00
10	16QAM	25	0	22.56	22.54	22.47	23.00
10	16QAM	25	12	22.36	22.58	22.37	23.00
10	16QAM	25	25	22.45	22.56	22.43	23.00
10	16QAM	50	0	22.38	22.49	22.29	23.00
10	64QAM	1	0	22.74	22.81	22.70	23.00
10	64QAM	1	25	22.63	22.68	22.62	23.00
10	64QAM	1	49	22.62	22.71	22.63	23.00
10	64QAM	25	0	21.57	21.74	21.60	22.10
10	64QAM	25	12	21.37	21.52	21.45	22.10
10	64QAM	25	25	21.40	21.57	21.51	22.10
10	64QAM	50	0	21.45	21.56	21.52	22.10
10	256QAM	1	0	19.62	19.74	19.54	20.10
10	256QAM	1	25	19.66	19.74	19.57	20.10
10	256QAM	1	49	19.58	19.62	19.54	20.10
10	256QAM	25	0	19.54	19.73	19.45	20.10
10	256QAM	25	12	19.41	19.63	19.54	20.10
10	256QAM	25	25	19.39	19.55	19.38	20.10
10	256QAM	50	0	19.50	19.56	19.48	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.61	22.72	22.70	23.00
5	QPSK	1	12	22.47	22.73	22.47	23.00
5	QPSK	1	24	22.50	22.68	22.59	23.00
5	QPSK	12	0	22.59	22.74	22.66	23.00
5	QPSK	12	7	22.43	22.66	22.63	23.00
5	QPSK	12	13	22.48	22.70	22.53	23.00
5	QPSK	25	0	22.46	22.64	22.43	23.00
5	16QAM	1	0	22.60	22.80	22.67	23.00
5	16QAM	1	12	22.62	22.81	22.61	23.00
5	16QAM	1	24	22.63	22.69	22.70	23.00
5	16QAM	12	0	22.58	22.64	22.41	23.00
5	16QAM	12	7	22.37	22.48	22.38	23.00
5	16QAM	12	13	22.49	22.55	22.46	23.00
5	16QAM	25	0	22.31	22.50	22.33	23.00
5	64QAM	1	0	22.72	22.81	22.65	23.00

5	64QAM	1	12	22.56	22.68	22.68	23.00
5	64QAM	1	24	22.55	22.72	22.57	23.00
5	64QAM	12	0	21.57	21.75	21.60	22.10
5	64QAM	12	7	21.43	21.53	21.46	22.10
5	64QAM	12	13	21.45	21.57	21.45	22.10
5	64QAM	25	0	21.53	21.56	21.39	22.10
5	256QAM	1	0	19.60	19.74	19.66	20.10
5	256QAM	1	12	19.59	19.63	19.65	20.10
5	256QAM	1	24	19.62	19.64	19.61	20.10
5	256QAM	12	0	19.51	19.70	19.46	20.10
5	256QAM	12	7	19.46	19.52	19.46	20.10
5	256QAM	12	13	19.38	19.50	19.44	20.10
5	256QAM	25	0	19.52	19.65	19.45	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.75	22.81	22.77	23.00
20	QPSK	1	49	22.57	22.75	22.56	23.00
20	QPSK	1	99	22.59	22.73	22.62	23.00
20	QPSK	50	0	22.64	22.82	22.69	23.00
20	QPSK	50	24	22.54	22.72	22.67	23.00
20	QPSK	50	50	22.59	22.71	22.63	23.00
20	QPSK	100	0	22.53	22.71	22.58	23.00
20	16QAM	1	0	22.74	22.97	22.76	23.00
20	16QAM	1	49	22.75	22.88	22.70	23.00
20	16QAM	1	99	22.72	22.80	22.71	23.00
20	16QAM	50	0	22.60	22.69	22.55	23.00
20	16QAM	50	24	22.50	22.61	22.47	23.00
20	16QAM	50	50	22.51	22.58	22.50	23.00
20	16QAM	100	0	22.45	22.62	22.44	23.00
20	64QAM	1	0	22.75	22.92	22.76	23.00
20	64QAM	1	49	22.68	22.81	22.70	23.00
20	64QAM	1	99	22.68	22.83	22.68	23.00
20	64QAM	50	0	21.65	21.77	21.64	22.10
20	64QAM	50	24	21.47	21.67	21.57	22.10
20	64QAM	50	50	21.52	21.66	21.59	22.10
20	64QAM	100	0	21.57	21.70	21.53	22.10
20	256QAM	1	0	19.69	19.87	19.69	20.10
20	256QAM	1	49	19.69	19.76	19.68	20.10
20	256QAM	1	99	19.65	19.76	19.63	20.10
20	256QAM	50	0	19.60	19.74	19.57	20.10
20	256QAM	50	24	19.47	19.65	19.60	20.10
20	256QAM	50	50	19.44	19.62	19.47	20.10
20	256QAM	100	0	19.56	19.68	19.55	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.66	22.74	22.71	23.00
15	QPSK	1	37	22.43	22.68	22.52	23.00
15	QPSK	1	74	22.56	22.69	22.60	23.00
15	QPSK	36	0	22.57	22.81	22.64	23.00
15	QPSK	36	20	22.52	22.60	22.54	23.00
15	QPSK	36	39	22.48	22.56	22.56	23.00
15	QPSK	75	0	22.52	22.69	22.47	23.00
15	16QAM	1	0	22.68	22.81	22.69	23.00
15	16QAM	1	37	22.62	22.81	22.69	23.00
15	16QAM	1	74	22.66	22.77	22.66	23.00
15	16QAM	36	0	22.45	22.64	22.45	23.00
15	16QAM	36	20	22.49	22.49	22.45	23.00
15	16QAM	36	39	22.36	22.50	22.49	23.00
15	16QAM	75	0	22.41	22.54	22.35	23.00
15	64QAM	1	0	22.64	22.78	22.62	23.00
15	64QAM	1	37	22.59	22.75	22.56	23.00
15	64QAM	1	74	22.55	22.78	22.65	23.00
15	64QAM	36	0	21.53	21.69	21.55	22.10
15	64QAM	36	20	21.43	21.53	21.56	22.10
15	64QAM	36	39	21.49	21.54	21.56	22.10
15	64QAM	75	0	21.49	21.65	21.43	22.10
15	256QAM	1	0	19.57	19.83	19.56	20.10
15	256QAM	1	37	19.67	19.68	19.54	20.10
15	256QAM	1	74	19.54	19.68	19.49	20.10

15	256QAM	36	0	19.55	19.61	19.55	20.10
15	256QAM	36	20	19.36	19.52	19.54	20.10
15	256QAM	36	39	19.36	19.57	19.42	20.10
15	256QAM	75	0	19.54	19.57	19.47	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.68	22.73	22.71	23.00
10	QPSK	1	25	22.55	22.69	22.50	23.00
10	QPSK	1	49	22.51	22.61	22.56	23.00
10	QPSK	25	0	22.61	22.76	22.55	23.00
10	QPSK	25	12	22.42	22.67	22.62	23.00
10	QPSK	25	25	22.49	22.65	22.49	23.00
10	QPSK	50	0	22.48	22.62	22.44	23.00
10	16QAM	1	0	22.65	22.80	22.67	23.00
10	16QAM	1	25	22.74	22.79	22.58	23.00
10	16QAM	1	49	22.70	22.76	22.65	23.00
10	16QAM	25	0	22.56	22.54	22.47	23.00
10	16QAM	25	12	22.36	22.58	22.37	23.00
10	16QAM	25	25	22.45	22.56	22.43	23.00
10	16QAM	50	0	22.38	22.49	22.29	23.00
10	64QAM	1	0	22.74	22.81	22.70	23.00
10	64QAM	1	25	22.63	22.68	22.62	23.00
10	64QAM	1	49	22.62	22.71	22.63	23.00
10	64QAM	25	0	21.57	21.74	21.60	22.10
10	64QAM	25	12	21.37	21.52	21.45	22.10
10	64QAM	25	25	21.40	21.57	21.51	22.10
10	64QAM	50	0	21.45	21.56	21.52	22.10
10	256QAM	1	0	19.62	19.74	19.54	20.10
10	256QAM	1	25	19.66	19.74	19.57	20.10
10	256QAM	1	49	19.58	19.62	19.54	20.10
10	256QAM	25	0	19.54	19.73	19.45	20.10
10	256QAM	25	12	19.41	19.63	19.54	20.10
10	256QAM	25	25	19.39	19.55	19.38	20.10
10	256QAM	50	0	19.50	19.56	19.48	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.61	22.72	22.70	23.00
5	QPSK	1	12	22.47	22.73	22.47	23.00
5	QPSK	1	24	22.50	22.68	22.59	23.00
5	QPSK	12	0	22.59	22.74	22.66	23.00
5	QPSK	12	7	22.43	22.66	22.63	23.00
5	QPSK	12	13	22.48	22.70	22.53	23.00
5	QPSK	25	0	22.46	22.64	22.43	23.00
5	16QAM	1	0	22.60	22.80	22.67	23.00
5	16QAM	1	12	22.62	22.81	22.61	23.00
5	16QAM	1	24	22.63	22.69	22.70	23.00
5	16QAM	12	0	22.58	22.64	22.41	23.00
5	16QAM	12	7	22.37	22.48	22.38	23.00
5	16QAM	12	13	22.49	22.55	22.46	23.00
5	16QAM	25	0	22.31	22.50	22.33	23.00
5	64QAM	1	0	22.72	22.81	22.65	23.00
5	64QAM	1	12	22.56	22.68	22.68	23.00
5	64QAM	1	24	22.55	22.72	22.57	23.00
5	64QAM	12	0	21.57	21.75	21.60	22.10
5	64QAM	12	7	21.43	21.53	21.46	22.10
5	64QAM	12	13	21.45	21.57	21.45	22.10
5	64QAM	25	0	21.53	21.56	21.39	22.10
5	256QAM	1	0	19.60	19.74	19.66	20.10
5	256QAM	1	12	19.59	19.63	19.65	20.10
5	256QAM	1	24	19.62	19.64	19.61	20.10
5	256QAM	12	0	19.51	19.70	19.46	20.10
5	256QAM	12	7	19.46	19.52	19.46	20.10
5	256QAM	12	13	19.38	19.50	19.44	20.10
5	256QAM	25	0	19.52	19.65	19.45	20.10

【LTE Band 71_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.72	22.91	22.82	24.60
20	QPSK	1	49	22.75	22.81	22.91	24.60
20	QPSK	1	99	22.87	22.90	22.97	24.60
20	QPSK	50	0	22.77	22.81	22.93	24.10
20	QPSK	50	24	22.79	22.80	22.89	24.10
20	QPSK	50	50	22.77	22.80	22.92	24.10
20	QPSK	100	0	22.72	22.78	22.83	24.10
20	16QAM	1	0	23.03	23.17	23.08	24.10
20	16QAM	1	49	23.03	23.14	23.27	24.10
20	16QAM	1	99	23.14	23.18	23.24	24.10
20	16QAM	50	0	22.10	22.14	22.28	23.10
20	16QAM	50	24	22.12	22.18	22.25	23.10
20	16QAM	50	50	22.11	22.24	22.26	23.10
20	16QAM	100	0	22.08	22.17	22.18	23.10
20	64QAM	1	0	22.22	22.37	22.33	23.10
20	64QAM	1	49	22.26	22.36	22.47	23.10
20	64QAM	1	99	22.39	22.37	22.44	23.10
20	64QAM	50	0	21.14	21.18	21.34	22.10
20	64QAM	50	24	21.16	21.25	21.29	22.10
20	64QAM	50	50	21.17	21.30	21.30	22.10
20	64QAM	100	0	21.13	21.32	21.25	22.10
20	256QAM	1	0	19.16	19.27	19.27	20.10
20	256QAM	1	49	19.20	19.32	19.38	20.10
20	256QAM	1	99	19.31	19.31	19.43	20.10
20	256QAM	50	0	19.12	19.17	19.30	20.10
20	256QAM	50	24	19.13	19.20	19.27	20.10
20	256QAM	50	50	19.13	19.26	19.28	20.10
20	256QAM	100	0	19.10	19.31	19.23	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.64	22.72	22.69	24.60
15	QPSK	1	37	22.70	22.71	22.84	24.60
15	QPSK	1	74	22.85	22.78	22.94	24.60
15	QPSK	36	0	22.71	22.73	22.86	24.10
15	QPSK	36	20	22.67	22.66	22.88	24.10
15	QPSK	36	39	22.66	22.84	22.81	24.10
15	QPSK	75	0	22.71	22.75	22.72	24.10
15	16QAM	1	0	22.93	23.11	23.05	24.10
15	16QAM	1	37	22.88	23.07	23.18	24.10
15	16QAM	1	74	23.06	23.07	23.22	24.10
15	16QAM	36	0	22.09	21.99	22.25	23.10
15	16QAM	36	20	21.99	22.14	22.18	23.10
15	16QAM	36	39	22.05	22.19	22.20	23.10
15	16QAM	75	0	22.03	22.06	22.17	23.10
15	64QAM	1	0	22.09	22.27	22.23	23.10
15	64QAM	1	37	22.19	22.23	22.41	23.10
15	64QAM	1	74	22.30	22.35	22.39	23.10
15	64QAM	36	0	21.06	21.10	21.27	22.10
15	64QAM	36	20	21.02	21.23	21.25	22.10
15	64QAM	36	39	21.10	21.23	21.22	22.10
15	64QAM	75	0	21.00	21.24	21.17	22.10
15	256QAM	1	0	19.12	19.18	19.15	20.10
15	256QAM	1	37	19.05	19.29	19.25	20.10
15	256QAM	1	74	19.25	19.24	19.41	20.10
15	256QAM	36	0	19.06	19.14	19.25	20.10
15	256QAM	36	20	19.07	19.10	19.17	20.10
15	256QAM	36	39	19.07	19.16	19.24	20.10
15	256QAM	75	0	19.01	19.25	19.17	20.10
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.60	22.75	22.69	24.60
10	QPSK	1	25	22.60	22.76	22.83	24.60
10	QPSK	1	49	22.78	22.84	22.86	24.60
10	QPSK	25	0	22.66	22.67	22.90	24.10
10	QPSK	25	12	22.69	22.74	22.78	24.10
10	QPSK	25	25	22.65	22.87	22.88	24.10
10	QPSK	50	0	22.57	22.73	22.75	24.10
10	16QAM	1	0	23.00	23.03	23.07	24.10
10	16QAM	1	25	22.93	23.02	23.25	24.10
10	16QAM	1	49	23.01	23.12	23.19	24.10
10	16QAM	25	0	22.09	22.12	22.16	23.10
10	16QAM	25	12	22.08	22.04	22.19	23.10
10	16QAM	25	25	22.09	22.23	22.21	23.10
10	16QAM	50	0	22.04	22.06	22.15	23.10
10	64QAM	1	0	22.10	22.34	22.30	23.10
10	64QAM	1	25	22.12	22.33	22.36	23.10

10	64QAM	1	49	22.28	22.34	22.43	23.10
10	64QAM	25	0	21.03	21.07	21.30	22.10
10	64QAM	25	12	21.13	21.13	21.14	22.10
10	64QAM	25	25	21.02	21.22	21.23	22.10
10	64QAM	50	0	21.00	21.26	21.17	22.10
10	256QAM	1	0	19.12	19.25	19.17	20.10
10	256QAM	1	25	19.06	19.23	19.24	20.10
10	256QAM	1	49	19.28	19.18	19.34	20.10
10	256QAM	25	0	19.08	19.03	19.16	20.10
10	256QAM	25	12	19.10	19.05	19.14	20.10
10	256QAM	25	25	19.05	19.22	19.21	20.10
10	256QAM	50	0	19.07	19.29	19.15	20.10
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.64	22.76	22.72	24.60
5	QPSK	1	12	22.71	22.74	22.78	24.60
5	QPSK	1	24	22.75	22.76	22.90	24.60
5	QPSK	12	0	22.70	22.68	22.82	24.10
5	QPSK	12	7	22.73	22.71	22.87	24.10
5	QPSK	12	13	22.74	22.83	22.88	24.10
5	QPSK	25	0	22.60	22.67	22.78	24.10
5	16QAM	1	0	23.01	23.06	23.00	24.10
5	16QAM	1	12	22.90	23.11	23.13	24.10
5	16QAM	1	24	23.09	23.05	23.10	24.10
5	16QAM	12	0	22.09	22.07	22.24	23.10
5	16QAM	12	7	22.09	22.09	22.21	23.10
5	16QAM	12	13	22.04	22.18	22.22	23.10
5	16QAM	25	0	21.99	22.09	22.12	23.10
5	64QAM	1	0	22.19	22.25	22.30	23.10
5	64QAM	1	12	22.11	22.35	22.37	23.10
5	64QAM	1	24	22.29	22.31	22.42	23.10
5	64QAM	12	0	21.11	21.15	21.24	22.10
5	64QAM	12	7	21.02	21.24	21.19	22.10
5	64QAM	12	13	21.02	21.18	21.17	22.10
5	64QAM	25	0	21.10	21.25	21.12	22.10
5	256QAM	1	0	19.04	19.20	19.14	20.10
5	256QAM	1	12	19.11	19.29	19.27	20.10
5	256QAM	1	24	19.24	19.17	19.30	20.10
5	256QAM	12	0	18.97	19.10	19.19	20.10
5	256QAM	12	7	19.09	19.06	19.15	20.10
5	256QAM	12	13	19.04	19.24	19.23	20.10
5	256QAM	25	0	19.05	19.23	19.11	20.10

【LTE Band 71_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.72	22.91	22.82	23.60
20	QPSK	1	49	22.75	22.81	22.91	23.60
20	QPSK	1	99	22.87	22.90	22.97	23.60
20	QPSK	50	0	22.77	22.81	22.93	23.60
20	QPSK	50	24	22.79	22.80	22.89	23.60
20	QPSK	50	50	22.77	22.80	22.92	23.60
20	QPSK	100	0	22.72	22.78	22.83	23.60
20	16QAM	1	0	23.03	23.17	23.08	23.60
20	16QAM	1	49	23.03	23.14	23.27	23.60
20	16QAM	1	99	23.14	23.18	23.24	23.60
20	16QAM	50	0	22.10	22.14	22.28	23.10
20	16QAM	50	24	22.12	22.18	22.25	23.10
20	16QAM	50	50	22.11	22.24	22.26	23.10
20	16QAM	100	0	22.08	22.17	22.18	23.10
20	64QAM	1	0	22.22	22.37	22.33	23.10
20	64QAM	1	49	22.26	22.36	22.47	23.10
20	64QAM	1	99	22.39	22.37	22.44	23.10
20	64QAM	50	0	21.14	21.18	21.34	22.10
20	64QAM	50	24	21.16	21.25	21.29	22.10
20	64QAM	50	50	21.17	21.30	21.30	22.10
20	64QAM	100	0	21.13	21.32	21.25	22.10
20	256QAM	1	0	19.16	19.27	19.27	20.10
20	256QAM	1	49	19.20	19.32	19.38	20.10
20	256QAM	1	99	19.31	19.31	19.43	20.10
20	256QAM	50	0	19.12	19.17	19.30	20.10

20	256QAM	50	24	19.13	19.20	19.27	20.10
20	256QAM	50	50	19.13	19.26	19.28	20.10
20	256QAM	100	0	19.10	19.31	19.23	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.64	22.72	22.69	23.60
15	QPSK	1	37	22.70	22.71	22.84	23.60
15	QPSK	1	74	22.85	22.78	22.94	23.60
15	QPSK	36	0	22.71	22.73	22.86	23.60
15	QPSK	36	20	22.67	22.66	22.88	23.60
15	QPSK	36	39	22.66	22.84	22.81	23.60
15	QPSK	75	0	22.71	22.75	22.72	23.60
15	16QAM	1	0	22.93	23.11	23.05	23.60
15	16QAM	1	37	22.88	23.07	23.18	23.60
15	16QAM	1	74	23.06	23.07	23.22	23.60
15	16QAM	36	0	22.09	21.99	22.25	23.10
15	16QAM	36	20	21.99	22.14	22.18	23.10
15	16QAM	36	39	22.05	22.19	22.20	23.10
15	16QAM	75	0	22.03	22.06	22.17	23.10
15	64QAM	1	0	22.09	22.27	22.23	23.10
15	64QAM	1	37	22.19	22.23	22.41	23.10
15	64QAM	1	74	22.30	22.35	22.39	23.10
15	64QAM	36	0	21.06	21.10	21.27	22.10
15	64QAM	36	20	21.02	21.23	21.25	22.10
15	64QAM	36	39	21.10	21.23	21.22	22.10
15	64QAM	75	0	21.00	21.24	21.17	22.10
15	256QAM	1	0	19.12	19.18	19.15	20.10
15	256QAM	1	37	19.05	19.29	19.25	20.10
15	256QAM	1	74	19.25	19.24	19.41	20.10
15	256QAM	36	0	19.06	19.14	19.25	20.10
15	256QAM	36	20	19.07	19.10	19.17	20.10
15	256QAM	36	39	19.07	19.16	19.24	20.10
15	256QAM	75	0	19.01	19.25	19.17	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.60	22.75	22.69	23.60
10	QPSK	1	25	22.60	22.76	22.83	23.60
10	QPSK	1	49	22.78	22.84	22.86	23.60
10	QPSK	25	0	22.66	22.67	22.90	23.60
10	QPSK	25	12	22.69	22.74	22.78	23.60
10	QPSK	25	25	22.65	22.87	22.88	23.60
10	QPSK	50	0	22.57	22.73	22.75	23.60
10	16QAM	1	0	23.00	23.03	23.07	23.60
10	16QAM	1	25	22.93	23.02	23.25	23.60
10	16QAM	1	49	23.01	23.12	23.19	23.60
10	16QAM	25	0	22.09	22.12	22.16	23.10
10	16QAM	25	12	22.08	22.04	22.19	23.10
10	16QAM	25	25	22.09	22.23	22.21	23.10
10	16QAM	50	0	22.04	22.06	22.15	23.10
10	64QAM	1	0	22.10	22.34	22.30	23.10
10	64QAM	1	25	22.12	22.33	22.36	23.10
10	64QAM	1	49	22.28	22.34	22.43	23.10
10	64QAM	25	0	21.03	21.07	21.30	22.10
10	64QAM	25	12	21.13	21.13	21.14	22.10
10	64QAM	25	25	21.02	21.22	21.23	22.10
10	64QAM	50	0	21.00	21.26	21.17	22.10
10	256QAM	1	0	19.12	19.25	19.17	20.10
10	256QAM	1	25	19.06	19.23	19.24	20.10
10	256QAM	1	49	19.28	19.18	19.34	20.10
10	256QAM	25	0	19.08	19.03	19.16	20.10
10	256QAM	25	12	19.10	19.05	19.14	20.10
10	256QAM	25	25	19.05	19.22	19.21	20.10
10	256QAM	50	0	19.07	19.29	19.15	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.64	22.76	22.72	23.60
5	QPSK	1	12	22.71	22.74	22.78	23.60
5	QPSK	1	24	22.75	22.76	22.90	23.60
5	QPSK	12	0	22.70	22.68	22.82	23.60
5	QPSK	12	7	22.73	22.71	22.87	23.60
5	QPSK	12	13	22.74	22.83	22.88	23.60
5	QPSK	25	0	22.60	22.67	22.78	23.60
5	16QAM	1	0	23.01	23.06	23.00	23.60
5	16QAM	1	12	22.90	23.11	23.13	23.60
5	16QAM	1	24	23.09	23.05	23.10	23.60
5	16QAM	12	0	22.09	22.07	22.24	23.10
5	16QAM	12	7	22.09	22.09	22.21	23.10
5	16QAM	12	13	22.04	22.18	22.22	23.10

5	16QAM	25	0	21.99	22.09	22.12	23.10
5	64QAM	1	0	22.19	22.25	22.30	23.10
5	64QAM	1	12	22.11	22.35	22.37	23.10
5	64QAM	1	24	22.29	22.31	22.42	23.10
5	64QAM	12	0	21.11	21.15	21.24	22.10
5	64QAM	12	7	21.02	21.24	21.19	22.10
5	64QAM	12	13	21.02	21.18	21.17	22.10
5	64QAM	25	0	21.10	21.25	21.12	22.10
5	256QAM	1	0	19.04	19.20	19.14	20.10
5	256QAM	1	12	19.11	19.29	19.27	20.10
5	256QAM	1	24	19.24	19.17	19.30	20.10
5	256QAM	12	0	18.97	19.10	19.19	20.10
5	256QAM	12	7	19.09	19.06	19.15	20.10
5	256QAM	12	13	19.04	19.24	19.23	20.10
5	256QAM	25	0	19.05	19.23	19.11	20.10

【LTE Band 71_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.23	23.43	23.35	25.10
20	QPSK	1	49	23.29	23.38	23.44	25.10
20	QPSK	1	99	23.37	23.41	23.50	25.10
20	QPSK	50	0	23.13	23.27	23.27	24.10
20	QPSK	50	24	23.13	23.17	23.23	24.10
20	QPSK	50	50	23.14	23.26	23.27	24.10
20	QPSK	100	0	23.09	23.19	23.17	24.10
20	16QAM	1	0	23.40	23.55	23.44	24.10
20	16QAM	1	49	23.50	23.43	23.60	24.10
20	16QAM	1	99	23.48	23.52	23.57	24.10
20	16QAM	50	0	22.13	22.17	22.30	23.10
20	16QAM	50	24	22.12	22.20	22.26	23.10
20	16QAM	50	50	22.14	22.26	22.29	23.10
20	16QAM	100	0	22.08	22.21	22.20	23.10
20	64QAM	1	0	22.25	22.39	22.34	23.10
20	64QAM	1	49	22.25	22.35	22.50	23.10
20	64QAM	1	99	22.41	22.45	22.48	23.10
20	64QAM	50	0	21.16	21.20	21.34	22.10
20	64QAM	50	24	21.18	21.26	21.32	22.10
20	64QAM	50	50	21.18	21.32	21.33	22.10
20	64QAM	100	0	21.18	21.30	21.27	22.10
20	256QAM	1	0	19.18	19.31	19.29	20.10
20	256QAM	1	49	19.21	19.32	19.45	20.10
20	256QAM	1	99	19.37	19.34	19.47	20.10
20	256QAM	50	0	19.15	19.19	19.32	20.10
20	256QAM	50	24	19.17	19.23	19.29	20.10
20	256QAM	50	50	19.16	19.28	19.30	20.10
20	256QAM	100	0	19.15	19.32	19.25	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.13	23.42	23.27	25.10
15	QPSK	1	37	23.22	23.25	23.36	25.10
15	QPSK	1	74	23.27	23.30	23.38	25.10
15	QPSK	36	0	23.05	23.18	23.23	24.10
15	QPSK	36	20	23.00	23.05	23.12	24.10
15	QPSK	36	39	23.09	23.19	23.20	24.10
15	QPSK	75	0	23.01	23.08	23.04	24.10
15	16QAM	1	0	23.32	23.41	23.35	24.10
15	16QAM	1	37	23.46	23.35	23.56	24.10
15	16QAM	1	74	23.40	23.50	23.46	24.10
15	16QAM	36	0	22.11	22.10	22.21	23.10
15	16QAM	36	20	22.04	22.19	22.25	23.10
15	16QAM	36	39	22.12	22.15	22.25	23.10
15	16QAM	75	0	22.02	22.19	22.13	23.10
15	64QAM	1	0	22.11	22.25	22.25	23.10
15	64QAM	1	37	22.24	22.20	22.46	23.10
15	64QAM	1	74	22.39	22.37	22.47	23.10
15	64QAM	36	0	21.10	21.18	21.26	22.10
15	64QAM	36	20	21.10	21.13	21.24	22.10
15	64QAM	36	39	21.04	21.26	21.31	22.10
15	64QAM	75	0	21.05	21.23	21.21	22.10
15	256QAM	1	0	19.15	19.30	19.19	20.10

15	256QAM	1	37	19.16	19.27	19.40	20.10
15	256QAM	1	74	19.32	19.33	19.43	20.10
15	256QAM	36	0	19.01	19.06	19.26	20.10
15	256QAM	36	20	19.04	19.12	19.23	20.10
15	256QAM	36	39	19.03	19.23	19.21	20.10
15	256QAM	75	0	19.10	19.29	19.12	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.14	23.33	23.20	25.10
10	QPSK	1	25	23.26	23.24	23.35	25.10
10	QPSK	1	49	23.36	23.38	23.45	25.10
10	QPSK	25	0	23.04	23.22	23.25	24.10
10	QPSK	25	12	23.11	23.03	23.20	24.10
10	QPSK	25	25	23.04	23.18	23.25	24.10
10	QPSK	50	0	22.95	23.12	23.10	24.10
10	16QAM	1	0	23.28	23.50	23.40	24.10
10	16QAM	1	25	23.48	23.41	23.48	24.10
10	16QAM	1	49	23.46	23.47	23.43	24.10
10	16QAM	25	0	22.02	22.04	22.27	23.10
10	16QAM	25	12	21.97	22.12	22.23	23.10
10	16QAM	25	25	21.99	22.17	22.15	23.10
10	16QAM	50	0	22.06	22.14	22.06	23.10
10	64QAM	1	0	22.18	22.26	22.22	23.10
10	64QAM	1	25	22.16	22.31	22.46	23.10
10	64QAM	1	49	22.27	22.43	22.39	23.10
10	64QAM	25	0	21.08	21.05	21.27	22.10
10	64QAM	25	12	21.07	21.17	21.27	22.10
10	64QAM	25	25	21.13	21.27	21.25	22.10
10	64QAM	50	0	21.04	21.28	21.15	22.10
10	256QAM	1	0	19.13	19.26	19.26	20.10
10	256QAM	1	25	19.07	19.29	19.32	20.10
10	256QAM	1	49	19.31	19.22	19.33	20.10
10	256QAM	25	0	19.10	19.16	19.26	20.10
10	256QAM	25	12	19.15	19.16	19.19	20.10
10	256QAM	25	25	19.02	19.19	19.16	20.10
10	256QAM	50	0	19.08	19.19	19.18	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.20	23.36	23.20	25.10
5	QPSK	1	12	23.22	23.28	23.30	25.10
5	QPSK	1	24	23.27	23.33	23.49	25.10
5	QPSK	12	0	23.08	23.21	23.22	24.10
5	QPSK	12	7	23.01	23.06	23.21	24.10
5	QPSK	12	13	23.13	23.15	23.14	24.10
5	QPSK	25	0	23.01	23.06	23.06	24.10
5	16QAM	1	0	23.39	23.41	23.43	24.10
5	16QAM	1	12	23.48	23.33	23.55	24.10
5	16QAM	1	24	23.46	23.40	23.46	24.10
5	16QAM	12	0	22.05	22.06	22.17	23.10
5	16QAM	12	7	22.01	22.06	22.19	23.10
5	16QAM	12	13	22.07	22.23	22.23	23.10
5	16QAM	25	0	22.06	22.06	22.16	23.10
5	64QAM	1	0	22.11	22.25	22.27	23.10
5	64QAM	1	12	22.15	22.23	22.40	23.10
5	64QAM	1	24	22.35	22.36	22.44	23.10
5	64QAM	12	0	21.07	21.08	21.28	22.10
5	64QAM	12	7	21.05	21.13	21.31	22.10
5	64QAM	12	13	21.11	21.27	21.20	22.10
5	64QAM	25	0	21.08	21.20	21.23	22.10
5	256QAM	1	0	19.15	19.30	19.17	20.10
5	256QAM	1	12	19.15	19.22	19.38	20.10
5	256QAM	1	24	19.33	19.23	19.41	20.10
5	256QAM	12	0	19.11	19.10	19.22	20.10
5	256QAM	12	7	19.10	19.12	19.24	20.10
5	256QAM	12	13	19.13	19.24	19.16	20.10
5	256QAM	25	0	19.09	19.27	19.15	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.23	23.43	23.35	24.10



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20	QPSK	1	49	23.29	23.38	23.44	24.10
20	QPSK	1	99	23.37	23.41	23.50	24.10
20	QPSK	50	0	23.13	23.27	23.27	24.10
20	QPSK	50	24	23.13	23.17	23.23	24.10
20	QPSK	50	50	23.14	23.26	23.27	24.10
20	QPSK	100	0	23.09	23.19	23.17	24.10
20	16QAM	1	0	23.40	23.55	23.44	24.10
20	16QAM	1	49	23.50	23.43	23.60	24.10
20	16QAM	1	99	23.48	23.52	23.57	24.10
20	16QAM	50	0	22.13	22.17	22.30	23.10
20	16QAM	50	24	22.12	22.20	22.26	23.10
20	16QAM	50	50	22.14	22.26	22.29	23.10
20	16QAM	100	0	22.08	22.21	22.20	23.10
20	64QAM	1	0	22.25	22.39	22.34	23.10
20	64QAM	1	49	22.25	22.35	22.50	23.10
20	64QAM	1	99	22.41	22.45	22.48	23.10
20	64QAM	50	0	21.16	21.20	21.34	22.10
20	64QAM	50	24	21.18	21.26	21.32	22.10
20	64QAM	50	50	21.18	21.32	21.33	22.10
20	64QAM	100	0	21.18	21.30	21.27	22.10
20	256QAM	1	0	19.18	19.31	19.29	20.10
20	256QAM	1	49	19.21	19.32	19.45	20.10
20	256QAM	1	99	19.37	19.34	19.47	20.10
20	256QAM	50	0	19.15	19.19	19.32	20.10
20	256QAM	50	24	19.17	19.23	19.29	20.10
20	256QAM	50	50	19.16	19.28	19.30	20.10
20	256QAM	100	0	19.15	19.32	19.25	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.13	23.42	23.27	24.10
15	QPSK	1	37	23.22	23.25	23.36	24.10
15	QPSK	1	74	23.27	23.30	23.38	24.10
15	QPSK	36	0	23.05	23.18	23.23	24.10
15	QPSK	36	20	23.00	23.05	23.12	24.10
15	QPSK	36	39	23.09	23.19	23.20	24.10
15	QPSK	75	0	23.01	23.08	23.04	24.10
15	16QAM	1	0	23.32	23.41	23.35	24.10
15	16QAM	1	37	23.46	23.35	23.56	24.10
15	16QAM	1	74	23.40	23.50	23.46	24.10
15	16QAM	36	0	22.11	22.10	22.21	23.10
15	16QAM	36	20	22.04	22.19	22.25	23.10
15	16QAM	36	39	22.12	22.15	22.25	23.10
15	16QAM	75	0	22.02	22.19	22.13	23.10
15	64QAM	1	0	22.11	22.25	22.25	23.10
15	64QAM	1	37	22.24	22.20	22.46	23.10
15	64QAM	1	74	22.39	22.37	22.47	23.10
15	64QAM	36	0	21.10	21.18	21.26	22.10
15	64QAM	36	20	21.10	21.13	21.24	22.10
15	64QAM	36	39	21.04	21.26	21.31	22.10
15	64QAM	75	0	21.05	21.23	21.21	22.10
15	256QAM	1	0	19.15	19.30	19.19	20.10
15	256QAM	1	37	19.16	19.27	19.40	20.10
15	256QAM	1	74	19.32	19.33	19.43	20.10
15	256QAM	36	0	19.01	19.06	19.26	20.10
15	256QAM	36	20	19.04	19.12	19.23	20.10
15	256QAM	36	39	19.03	19.23	19.21	20.10
15	256QAM	75	0	19.10	19.29	19.12	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.14	23.33	23.20	24.10
10	QPSK	1	25	23.26	23.24	23.35	24.10
10	QPSK	1	49	23.36	23.38	23.45	24.10
10	QPSK	25	0	23.04	23.22	23.25	24.10
10	QPSK	25	12	23.11	23.03	23.20	24.10
10	QPSK	25	25	23.04	23.18	23.25	24.10
10	QPSK	50	0	22.95	23.12	23.10	24.10
10	16QAM	1	0	23.28	23.50	23.40	24.10
10	16QAM	1	25	23.48	23.41	23.48	24.10
10	16QAM	1	49	23.46	23.47	23.43	24.10
10	16QAM	25	0	22.02	22.04	22.27	23.10
10	16QAM	25	12	21.97	22.12	22.23	23.10
10	16QAM	25	25	21.99	22.17	22.15	23.10
10	16QAM	50	0	22.06	22.14	22.06	23.10
10	64QAM	1	0	22.18	22.26	22.22	23.10
10	64QAM	1	25	22.16	22.31	22.46	23.10
10	64QAM	1	49	22.27	22.43	22.39	23.10
10	64QAM	25	0	21.08	21.05	21.27	22.10
10	64QAM	25	12	21.07	21.17	21.27	22.10

10	64QAM	25	25	21.13	21.27	21.25	22.10
10	64QAM	50	0	21.04	21.28	21.15	22.10
10	256QAM	1	0	19.13	19.26	19.26	20.10
10	256QAM	1	25	19.07	19.29	19.32	20.10
10	256QAM	1	49	19.31	19.22	19.33	20.10
10	256QAM	25	0	19.10	19.16	19.26	20.10
10	256QAM	25	12	19.15	19.16	19.19	20.10
10	256QAM	25	25	19.02	19.19	19.16	20.10
10	256QAM	50	0	19.08	19.19	19.18	20.10
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.20	23.36	23.20	24.10
5	QPSK	1	12	23.22	23.28	23.30	24.10
5	QPSK	1	24	23.27	23.33	23.49	24.10
5	QPSK	12	0	23.08	23.21	23.22	24.10
5	QPSK	12	7	23.01	23.06	23.21	24.10
5	QPSK	12	13	23.13	23.15	23.14	24.10
5	QPSK	25	0	23.01	23.06	23.06	24.10
5	16QAM	1	0	23.39	23.41	23.43	24.10
5	16QAM	1	12	23.48	23.33	23.55	24.10
5	16QAM	1	24	23.46	23.40	23.46	24.10
5	16QAM	12	0	22.05	22.06	22.17	23.10
5	16QAM	12	7	22.01	22.06	22.19	23.10
5	16QAM	12	13	22.07	22.23	22.23	23.10
5	16QAM	25	0	22.06	22.06	22.16	23.10
5	64QAM	1	0	22.11	22.25	22.27	23.10
5	64QAM	1	12	22.15	22.23	22.40	23.10
5	64QAM	1	24	22.35	22.36	22.44	23.10
5	64QAM	12	0	21.07	21.08	21.28	22.10
5	64QAM	12	7	21.05	21.13	21.31	22.10
5	64QAM	12	13	21.11	21.27	21.20	22.10
5	64QAM	25	0	21.08	21.20	21.23	22.10
5	256QAM	1	0	19.15	19.30	19.17	20.10
5	256QAM	1	12	19.15	19.22	19.38	20.10
5	256QAM	1	24	19.33	19.23	19.41	20.10
5	256QAM	12	0	19.11	19.10	19.22	20.10
5	256QAM	12	7	19.10	19.12	19.24	20.10
5	256QAM	12	13	19.13	19.24	19.16	20.10
5	256QAM	25	0	19.09	19.27	19.15	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.23	23.43	23.35	24.10
20	QPSK	1	49	23.29	23.38	23.44	24.10
20	QPSK	1	99	23.37	23.41	23.50	24.10
20	QPSK	50	0	23.13	23.27	23.27	24.10
20	QPSK	50	24	23.13	23.17	23.23	24.10
20	QPSK	50	50	23.14	23.26	23.27	24.10
20	QPSK	100	0	23.09	23.19	23.17	24.10
20	16QAM	1	0	23.40	23.55	23.44	24.10
20	16QAM	1	49	23.50	23.43	23.60	24.10
20	16QAM	1	99	23.48	23.52	23.57	24.10
20	16QAM	50	0	22.13	22.17	22.30	23.10
20	16QAM	50	24	22.12	22.20	22.26	23.10
20	16QAM	50	50	22.14	22.26	22.29	23.10
20	16QAM	100	0	22.08	22.21	22.20	23.10
20	64QAM	1	0	22.25	22.39	22.34	23.10
20	64QAM	1	49	22.25	22.35	22.50	23.10
20	64QAM	1	99	22.41	22.45	22.48	23.10
20	64QAM	50	0	21.16	21.20	21.34	22.10
20	64QAM	50	24	21.18	21.26	21.32	22.10
20	64QAM	50	50	21.18	21.32	21.33	22.10
20	64QAM	100	0	21.18	21.30	21.27	22.10
20	256QAM	1	0	19.18	19.31	19.29	20.10
20	256QAM	1	49	19.21	19.32	19.45	20.10
20	256QAM	1	99	19.37	19.34	19.47	20.10
20	256QAM	50	0	19.15	19.19	19.32	20.10
20	256QAM	50	24	19.17	19.23	19.29	20.10
20	256QAM	50	50	19.16	19.28	19.30	20.10
20	256QAM	100	0	19.15	19.32	19.25	20.10



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Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.13	23.42	23.27	24.10
15	QPSK	1	37	23.22	23.25	23.36	24.10
15	QPSK	1	74	23.27	23.30	23.38	24.10
15	QPSK	36	0	23.05	23.18	23.23	24.10
15	QPSK	36	20	23.00	23.05	23.12	24.10
15	QPSK	36	39	23.09	23.19	23.20	24.10
15	QPSK	75	0	23.01	23.08	23.04	24.10
15	16QAM	1	0	23.32	23.41	23.35	24.10
15	16QAM	1	37	23.46	23.35	23.56	24.10
15	16QAM	1	74	23.40	23.50	23.46	24.10
15	16QAM	36	0	22.11	22.10	22.21	23.10
15	16QAM	36	20	22.04	22.19	22.25	23.10
15	16QAM	36	39	22.12	22.15	22.25	23.10
15	16QAM	75	0	22.02	22.19	22.13	23.10
15	64QAM	1	0	22.11	22.25	22.25	23.10
15	64QAM	1	37	22.24	22.20	22.46	23.10
15	64QAM	1	74	22.39	22.37	22.47	23.10
15	64QAM	36	0	21.10	21.18	21.26	22.10
15	64QAM	36	20	21.10	21.13	21.24	22.10
15	64QAM	36	39	21.04	21.26	21.31	22.10
15	64QAM	75	0	21.05	21.23	21.21	22.10
15	256QAM	1	0	19.15	19.30	19.19	20.10
15	256QAM	1	37	19.16	19.27	19.40	20.10
15	256QAM	1	74	19.32	19.33	19.43	20.10
15	256QAM	36	0	19.01	19.06	19.26	20.10
15	256QAM	36	20	19.04	19.12	19.23	20.10
15	256QAM	36	39	19.03	19.23	19.21	20.10
15	256QAM	75	0	19.10	19.29	19.12	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.14	23.33	23.20	24.10
10	QPSK	1	25	23.26	23.24	23.35	24.10
10	QPSK	1	49	23.36	23.38	23.45	24.10
10	QPSK	25	0	23.04	23.22	23.25	24.10
10	QPSK	25	12	23.11	23.03	23.20	24.10
10	QPSK	25	25	23.04	23.18	23.25	24.10
10	QPSK	50	0	22.95	23.12	23.10	24.10
10	16QAM	1	0	23.28	23.50	23.40	24.10
10	16QAM	1	25	23.48	23.41	23.48	24.10
10	16QAM	1	49	23.46	23.47	23.43	24.10
10	16QAM	25	0	22.02	22.04	22.27	23.10
10	16QAM	25	12	21.97	22.12	22.23	23.10
10	16QAM	25	25	21.99	22.17	22.15	23.10
10	16QAM	50	0	22.06	22.14	22.06	23.10
10	64QAM	1	0	22.18	22.26	22.22	23.10
10	64QAM	1	25	22.16	22.31	22.46	23.10
10	64QAM	1	49	22.27	22.43	22.39	23.10
10	64QAM	25	0	21.08	21.05	21.27	22.10
10	64QAM	25	12	21.07	21.17	21.27	22.10
10	64QAM	25	25	21.13	21.27	21.25	22.10
10	64QAM	50	0	21.04	21.28	21.15	22.10
10	256QAM	1	0	19.13	19.26	19.26	20.10
10	256QAM	1	25	19.07	19.29	19.32	20.10
10	256QAM	1	49	19.31	19.22	19.33	20.10
10	256QAM	25	0	19.10	19.16	19.26	20.10
10	256QAM	25	12	19.15	19.16	19.19	20.10
10	256QAM	25	25	19.02	19.19	19.16	20.10
10	256QAM	50	0	19.08	19.19	19.18	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.20	23.36	23.20	24.10
5	QPSK	1	12	23.22	23.28	23.30	24.10
5	QPSK	1	24	23.27	23.33	23.49	24.10
5	QPSK	12	0	23.08	23.21	23.22	24.10
5	QPSK	12	7	23.01	23.06	23.21	24.10
5	QPSK	12	13	23.13	23.15	23.14	24.10
5	QPSK	25	0	23.01	23.06	23.06	24.10
5	16QAM	1	0	23.39	23.41	23.43	24.10
5	16QAM	1	12	23.48	23.33	23.55	24.10
5	16QAM	1	24	23.46	23.40	23.46	24.10
5	16QAM	12	0	22.05	22.06	22.17	23.10
5	16QAM	12	7	22.01	22.06	22.19	23.10
5	16QAM	12	13	22.07	22.23	22.23	23.10
5	16QAM	25	0	22.06	22.06	22.16	23.10
5	64QAM	1	0	22.11	22.25	22.27	23.10
5	64QAM	1	12	22.15	22.23	22.40	23.10



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5	64QAM	1	24	22.35	22.36	22.44	23.10
5	64QAM	12	0	21.07	21.08	21.28	22.10
5	64QAM	12	7	21.05	21.13	21.31	22.10
5	64QAM	12	13	21.11	21.27	21.20	22.10
5	64QAM	25	0	21.08	21.20	21.23	22.10
5	256QAM	1	0	19.15	19.30	19.17	20.10
5	256QAM	1	12	19.15	19.22	19.38	20.10
5	256QAM	1	24	19.33	19.23	19.41	20.10
5	256QAM	12	0	19.11	19.10	19.22	20.10
5	256QAM	12	7	19.10	19.12	19.24	20.10
5	256QAM	12	13	19.13	19.24	19.16	20.10
5	256QAM	25	0	19.09	19.27	19.15	20.10

5G NR Note

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
 - a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
 - b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is ≤ 1.45 W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
 - c. To start SAR test for the largest channel bandwidth for Pi/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for Pi/2 BPSK SAR testing using 1RB Pi/2 BPSK allocation procedure
 - d. For Pi/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is ≤ 1.45 W/kg, the remaining required test channels must also be tested.
 - e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in Pi/2 BPSK, also reported SAR for the Pi/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
 - f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.

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Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		$\leq 0.5^2$	$\leq 0.5^2$	0 ²
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
CP-OFDM	256 QAM	≤ 4.5		
	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

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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				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.05	24.12	24.05	25.00
40	PI/2 BPSK	1	108	24.06	24.11	24.03	25.00
40	PI/2 BPSK	1	214	23.96	24.08	24.01	25.00
40	PI/2 BPSK	108	0	23.60	23.60	23.61	24.50
40	PI/2 BPSK	108	54	24.13	24.06	24.07	25.00
40	PI/2 BPSK	108	108	23.55	23.50	23.55	24.50
40	PI/2 BPSK	216	0	23.55	23.53	23.58	24.50
40	QPSK	1	1	24.05	24.07	24.05	25.00
40	QPSK	1	108	24.11	24.12	24.06	25.00
40	QPSK	1	214	24.01	24.09	24.06	25.00
40	QPSK	108	0	23.07	23.11	23.03	24.00
40	QPSK	108	54	24.12	24.11	24.07	25.00
40	QPSK	108	108	23.06	22.96	22.98	24.00
40	QPSK	216	0	23.04	23.02	23.04	24.00
40	16QAM	1	1	22.96	23.05	23.11	24.00
40	64QAM	1	1	21.40	21.57	21.53	22.50
40	256QAM	1	1	19.28	19.43	19.53	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	24.01	24.05	23.92	25.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.98	24.03	23.92	25.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.96	24.00	23.90	25.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.98	24.07	23.92	25.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.02	24.07	23.93	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.95	24.02	23.95	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.97	23.99	24.01	25.00

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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				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.05	24.12	24.05	25.00
40	PI/2 BPSK	1	108	24.06	24.11	24.03	25.00
40	PI/2 BPSK	1	214	23.96	24.08	24.01	25.00
40	PI/2 BPSK	108	0	23.60	23.60	23.61	24.50
40	PI/2 BPSK	108	54	24.13	24.06	24.07	25.00
40	PI/2 BPSK	108	108	23.55	23.50	23.55	24.50
40	PI/2 BPSK	216	0	23.55	23.53	23.58	24.50
40	QPSK	1	1	24.05	24.07	24.05	25.00
40	QPSK	1	108	24.11	24.12	24.06	25.00
40	QPSK	1	214	24.01	24.09	24.06	25.00
40	QPSK	108	0	23.07	23.11	23.03	24.00
40	QPSK	108	54	24.12	24.11	24.07	25.00
40	QPSK	108	108	23.06	22.96	22.98	24.00
40	QPSK	216	0	23.04	23.02	23.04	24.00
40	16QAM	1	1	22.96	23.05	23.11	24.00
40	64QAM	1	1	21.40	21.57	21.53	22.50
40	256QAM	1	1	19.28	19.43	19.53	20.50
Channel				373500	376000	378500	Tune-up limit

	Frequency (MHz)			1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	24.01	24.05	23.92	25.00
	Channel			373000	376000	379000	Tune-up limit
	Frequency (MHz)			1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.98	24.03	23.92	25.00
	Channel			372500	376000	379500	Tune-up limit
	Frequency (MHz)			1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.96	24.00	23.90	25.00
	Channel			372000	376000	380000	Tune-up limit
	Frequency (MHz)			1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.98	24.07	23.92	25.00
	Channel			371500	376000	380500	Tune-up limit
	Frequency (MHz)			1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	24.02	24.07	23.93	25.00
	Channel			371000	376000	381000	Tune-up limit
	Frequency (MHz)			1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.95	24.02	23.95	25.00
	Channel			370500	376000	381500	Tune-up limit
	Frequency (MHz)			1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.97	23.99	24.01	25.00

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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			374000	376000	378000	
	Frequency (MHz)			1870	1880	1890	
40	PI/2 BPSK	1	1	15.18	15.27	15.23	16.40
40	PI/2 BPSK	1	108	15.21	15.21	15.16	16.40
40	PI/2 BPSK	1	214	15.16	15.12	15.19	16.40
40	PI/2 BPSK	108	0	15.29	15.30	15.25	16.40
40	PI/2 BPSK	108	54	15.27	15.25	15.22	16.40
40	PI/2 BPSK	108	108	15.27	15.16	15.25	16.40
40	PI/2 BPSK	216	0	15.23	15.18	15.19	16.40
40	QPSK	1	1	15.10	15.20	15.19	16.40
40	QPSK	1	108	15.22	15.19	15.13	16.40
40	QPSK	1	214	15.04	15.05	15.10	16.40
40	QPSK	108	0	15.29	15.30	15.27	16.40
40	QPSK	108	54	15.29	15.24	15.24	16.40
40	QPSK	108	108	15.24	15.19	15.20	16.40
40	QPSK	216	0	15.25	15.21	15.21	16.40
40	16QAM	1	1	15.30	15.18	15.12	16.40
40	64QAM	1	1	15.16	15.18	15.17	16.40
40	256QAM	1	1	15.18	15.09	15.09	16.40
	Channel			373500	376000	378500	Tune-up limit
	Frequency (MHz)			1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	15.08	15.20	15.15	16.40
	Channel			373000	376000	379000	Tune-up limit
	Frequency (MHz)			1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	15.15	15.14	15.16	16.40
	Channel			372500	376000	379500	Tune-up limit
	Frequency (MHz)			1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	15.16	15.20	15.09	16.40
	Channel			372000	376000	380000	Tune-up limit
	Frequency (MHz)			1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	15.09	15.20	15.20	16.40
	Channel			371500	376000	380500	Tune-up limit
	Frequency (MHz)			1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.12	15.17	16.40
	Channel			371000	376000	381000	Tune-up limit
	Frequency (MHz)			1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	15.10	15.19	15.21	16.40
	Channel			370500	376000	381500	Tune-up limit
	Frequency (MHz)			1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	15.15	15.19	15.14	16.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376000	378000	
	Frequency (MHz)			1870	1880	1890	

40	PI/2 BPSK	1	1	15.18	15.27	15.23	15.30
40	PI/2 BPSK	1	108	15.21	15.21	15.16	15.30
40	PI/2 BPSK	1	214	15.16	15.12	15.19	15.30
40	PI/2 BPSK	108	0	15.29	15.30	15.25	15.30
40	PI/2 BPSK	108	54	15.27	15.25	15.22	15.30
40	PI/2 BPSK	108	108	15.27	15.16	15.25	15.30
40	PI/2 BPSK	216	0	15.23	15.18	15.19	15.30
40	QPSK	1	1	15.10	15.20	15.19	15.30
40	QPSK	1	108	15.22	15.19	15.13	15.30
40	QPSK	1	214	15.04	15.05	15.10	15.30
40	QPSK	108	0	15.29	15.30	15.27	15.30
40	QPSK	108	54	15.29	15.24	15.24	15.30
40	QPSK	108	108	15.24	15.19	15.20	15.30
40	QPSK	216	0	15.25	15.21	15.21	15.30
40	16QAM	1	1	15.30	15.18	15.12	15.30
40	64QAM	1	1	15.16	15.18	15.17	15.30
40	256QAM	1	1	15.18	15.09	15.09	15.30
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	15.08	15.20	15.15	15.30
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	15.15	15.14	15.16	15.30
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	15.16	15.20	15.09	15.30
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	15.09	15.20	15.20	15.30
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.12	15.17	15.30
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	15.10	15.19	15.21	15.30
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	15.15	15.19	15.14	15.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	15.18	15.27	15.23	15.30
40	PI/2 BPSK	1	108	15.21	15.21	15.16	15.30
40	PI/2 BPSK	1	214	15.16	15.12	15.19	15.30
40	PI/2 BPSK	108	0	15.29	15.30	15.25	15.30
40	PI/2 BPSK	108	54	15.27	15.25	15.22	15.30
40	PI/2 BPSK	108	108	15.27	15.16	15.25	15.30
40	PI/2 BPSK	216	0	15.23	15.18	15.19	15.30
40	QPSK	1	1	15.10	15.20	15.19	15.30
40	QPSK	1	108	15.22	15.19	15.13	15.30
40	QPSK	1	214	15.04	15.05	15.10	15.30
40	QPSK	108	0	15.29	15.30	15.27	15.30
40	QPSK	108	54	15.29	15.24	15.24	15.30
40	QPSK	108	108	15.24	15.19	15.20	15.30
40	QPSK	216	0	15.25	15.21	15.21	15.30
40	16QAM	1	1	15.30	15.18	15.12	15.30
40	64QAM	1	1	15.16	15.18	15.17	15.30
40	256QAM	1	1	15.18	15.09	15.09	15.30
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	15.08	15.20	15.15	15.30
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	15.15	15.14	15.16	15.30
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	15.16	15.20	15.09	15.30
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	15.09	15.20	15.20	15.30
Channel				371500	376000	380500	Tune-up limit

Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.12	15.17	15.30
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	15.10	15.19	15.21	15.30
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	15.15	15.19	15.14	15.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	17.96	18.06	18.09	19.40
40	PI/2 BPSK	1	108	18.15	18.15	18.07	19.40
40	PI/2 BPSK	1	214	17.99	17.99	18.09	19.40
40	PI/2 BPSK	108	0	18.13	18.17	18.15	19.40
40	PI/2 BPSK	108	54	18.18	18.14	18.13	19.40
40	PI/2 BPSK	108	108	18.16	18.10	18.12	19.40
40	PI/2 BPSK	216	0	18.09	18.10	18.09	19.40
40	QPSK	1	1	17.84	18.02	18.04	19.40
40	QPSK	1	108	18.15	18.08	18.07	19.40
40	QPSK	1	214	17.96	17.95	17.98	19.40
40	QPSK	108	0	18.11	18.17	18.21	19.40
40	QPSK	108	54	18.20	18.14	18.11	19.40
40	QPSK	108	108	18.14	18.14	18.13	19.40
40	QPSK	216	0	18.14	18.17	18.12	19.40
40	16QAM	1	1	18.24	18.17	18.33	19.40
40	64QAM	1	1	18.24	18.31	18.32	19.40
40	256QAM	1	1	18.14	18.15	18.23	19.40
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	17.89	17.93	18.04	19.40
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	17.92	17.93	17.96	19.40
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	17.94	18.03	18.05	19.40
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	17.87	17.92	18.06	19.40
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	17.90	18.01	17.97	19.40
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	17.94	18.05	18.06	19.40
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	17.87	17.97	18.01	19.40

【FR1 n2_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	17.96	18.06	18.09	18.60
40	PI/2 BPSK	1	108	18.15	18.15	18.07	18.60
40	PI/2 BPSK	1	214	17.99	17.99	18.09	18.60
40	PI/2 BPSK	108	0	18.13	18.17	18.15	18.60
40	PI/2 BPSK	108	54	18.18	18.14	18.13	18.60
40	PI/2 BPSK	108	108	18.16	18.10	18.12	18.60
40	PI/2 BPSK	216	0	18.09	18.10	18.09	18.60
40	QPSK	1	1	17.84	18.02	18.04	18.60

40	QPSK	1	108	18.15	18.08	18.07	18.60
40	QPSK	1	214	17.96	17.95	17.98	18.60
40	QPSK	108	0	18.11	18.17	18.21	18.60
40	QPSK	108	54	18.20	18.14	18.11	18.60
40	QPSK	108	108	18.14	18.14	18.13	18.60
40	QPSK	216	0	18.14	18.17	18.12	18.60
40	16QAM	1	1	18.24	18.17	18.33	18.60
40	64QAM	1	1	18.24	18.31	18.32	18.60
40	256QAM	1	1	18.14	18.15	18.23	18.60
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.89	17.93	18.04	18.60
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.92	17.93	17.96	18.60
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.94	18.03	18.05	18.60
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.87	17.92	18.06	18.60
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.90	18.01	17.97	18.60
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.94	18.05	18.06	18.60
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.87	17.97	18.01	18.60

【FR1 n2_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.51	19.70	19.78	20.80
40	PI/2 BPSK	1	108	19.79	19.81	19.85	20.80
40	PI/2 BPSK	1	214	19.74	19.65	19.79	20.80
40	PI/2 BPSK	108	0	19.77	19.82	19.93	20.80
40	PI/2 BPSK	108	54	19.78	19.88	19.83	20.80
40	PI/2 BPSK	108	108	19.82	19.84	19.82	20.80
40	PI/2 BPSK	216	0	19.71	19.78	19.82	20.80
40	QPSK	1	1	19.43	19.62	19.84	20.80
40	QPSK	1	108	19.86	19.87	19.84	20.80
40	QPSK	1	214	19.80	19.86	19.92	20.80
40	QPSK	108	0	19.75	19.84	19.92	20.80
40	QPSK	108	54	19.85	19.89	19.86	20.80
40	QPSK	108	108	19.77	19.85	19.85	20.80
40	QPSK	216	0	19.76	19.80	19.82	20.80
40	16QAM	1	1	19.85	19.90	20.10	20.80
40	64QAM	1	1	19.73	19.90	20.04	20.80
40	256QAM	1	1	19.32	19.32	19.53	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.45	19.55	19.75	20.80
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.50	19.64	19.76	20.80
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.42	19.59	19.74	20.80
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.40	19.65	19.72	20.80
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.41	19.63	19.65	20.80
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.47	19.58	19.68	20.80
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.40	19.62	19.65	20.80

【FR1 n2_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.51	19.70	19.78	20.10
40	PI/2 BPSK	1	108	19.79	19.81	19.85	20.10
40	PI/2 BPSK	1	214	19.74	19.65	19.79	20.10
40	PI/2 BPSK	108	0	19.77	19.82	19.93	20.10
40	PI/2 BPSK	108	54	19.78	19.88	19.83	20.10
40	PI/2 BPSK	108	108	19.82	19.84	19.82	20.10
40	PI/2 BPSK	216	0	19.71	19.78	19.82	20.10
40	QPSK	1	1	19.43	19.62	19.84	20.10
40	QPSK	1	108	19.86	19.87	19.84	20.10
40	QPSK	1	214	19.80	19.86	19.92	20.10
40	QPSK	108	0	19.75	19.84	19.92	20.10
40	QPSK	108	54	19.85	19.89	19.86	20.10
40	QPSK	108	108	19.77	19.85	19.85	20.10
40	QPSK	216	0	19.76	19.80	19.82	20.10
40	16QAM	1	1	19.85	19.90	20.10	20.10
40	64QAM	1	1	19.73	19.90	20.04	20.10
40	256QAM	1	1	19.32	19.32	19.53	20.10
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.45	19.55	19.75	20.10
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.50	19.64	19.76	20.10
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.42	19.59	19.74	20.10
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.40	19.65	19.72	20.10
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.41	19.63	19.65	20.10
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.47	19.58	19.68	20.10
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.40	19.62	19.65	20.10

【FR1 n2_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.51	19.70	19.78	20.10
40	PI/2 BPSK	1	108	19.79	19.81	19.85	20.10
40	PI/2 BPSK	1	214	19.74	19.65	19.79	20.10
40	PI/2 BPSK	108	0	19.77	19.82	19.93	20.10
40	PI/2 BPSK	108	54	19.78	19.88	19.83	20.10
40	PI/2 BPSK	108	108	19.82	19.84	19.82	20.10
40	PI/2 BPSK	216	0	19.71	19.78	19.82	20.10
40	QPSK	1	1	19.43	19.62	19.84	20.10
40	QPSK	1	108	19.86	19.87	19.84	20.10
40	QPSK	1	214	19.80	19.86	19.92	20.10
40	QPSK	108	0	19.75	19.84	19.92	20.10
40	QPSK	108	54	19.85	19.89	19.86	20.10
40	QPSK	108	108	19.77	19.85	19.85	20.10
40	QPSK	216	0	19.76	19.80	19.82	20.10
40	16QAM	1	1	19.85	19.90	20.10	20.10
40	64QAM	1	1	19.73	19.90	20.04	20.10
40	256QAM	1	1	19.32	19.32	19.53	20.10
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.45	19.55	19.75	20.10

Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	19.50	19.64	19.76	20.10
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	19.42	19.59	19.74	20.10
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	19.40	19.65	19.72	20.10
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.41	19.63	19.65	20.10
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.47	19.58	19.68	20.10
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.40	19.62	19.65	20.10

【FR1 n2_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.30	24.31	24.25	25.00
40	PI/2 BPSK	1	108	24.25	24.27	24.16	25.00
40	PI/2 BPSK	1	214	24.14	24.16	24.19	25.00
40	PI/2 BPSK	108	0	23.82	23.79	23.74	24.50
40	PI/2 BPSK	108	54	24.28	24.29	24.21	25.00
40	PI/2 BPSK	108	108	23.72	23.67	23.64	24.50
40	PI/2 BPSK	216	0	23.66	23.66	23.67	24.50
40	QPSK	1	1	24.35	24.27	24.23	25.00
40	QPSK	1	108	24.29	24.28	24.14	25.00
40	QPSK	1	214	24.12	24.22	24.19	25.00
40	QPSK	108	0	23.26	23.29	23.18	24.00
40	QPSK	108	54	24.30	24.27	24.24	25.00
40	QPSK	108	108	23.19	23.12	23.05	24.00
40	QPSK	216	0	23.22	23.14	23.16	24.00
40	16QAM	1	1	23.18	23.29	23.22	24.00
40	64QAM	1	1	21.62	21.75	21.73	22.50
40	256QAM	1	1	19.73	19.64	19.71	20.50
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	24.17	24.28	24.15	25.00
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	24.16	24.18	24.13	25.00
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	24.20	24.29	24.17	25.00
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	24.26	24.25	24.12	25.00
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	24.18	24.22	24.13	25.00
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	24.16	24.18	24.19	25.00
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	24.18	24.29	24.13	25.00

【FR1 n2_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.30	24.31	24.25	25.00
40	PI/2 BPSK	1	108	24.25	24.27	24.16	25.00
40	PI/2 BPSK	1	214	24.14	24.16	24.19	25.00
40	PI/2 BPSK	108	0	23.82	23.79	23.74	24.50
40	PI/2 BPSK	108	54	24.28	24.29	24.21	25.00
40	PI/2 BPSK	108	108	23.72	23.67	23.64	24.50
40	PI/2 BPSK	216	0	23.66	23.66	23.67	24.50
40	QPSK	1	1	24.35	24.27	24.23	25.00
40	QPSK	1	108	24.29	24.28	24.14	25.00
40	QPSK	1	214	24.12	24.22	24.19	25.00
40	QPSK	108	0	23.26	23.29	23.18	24.00
40	QPSK	108	54	24.30	24.27	24.24	25.00
40	QPSK	108	108	23.19	23.12	23.05	24.00
40	QPSK	216	0	23.22	23.14	23.16	24.00
40	16QAM	1	1	23.18	23.29	23.22	24.00
40	64QAM	1	1	21.62	21.75	21.73	22.50
40	256QAM	1	1	19.73	19.64	19.71	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	24.17	24.28	24.15	25.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	24.16	24.18	24.13	25.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	24.20	24.29	24.17	25.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.26	24.25	24.12	25.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.18	24.22	24.13	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.16	24.18	24.19	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.18	24.29	24.13	25.00

【FR1 n2_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.96	20.10	20.12	21.40
40	PI/2 BPSK	1	108	20.01	20.12	19.97	21.40
40	PI/2 BPSK	1	214	19.91	20.19	20.21	21.40
40	PI/2 BPSK	108	0	20.15	20.16	20.15	21.40
40	PI/2 BPSK	108	54	20.18	20.10	20.15	21.40
40	PI/2 BPSK	108	108	20.08	20.06	20.18	21.40
40	PI/2 BPSK	216	0	20.08	20.02	20.08	21.40
40	QPSK	1	1	19.91	20.03	20.15	21.40
40	QPSK	1	108	20.17	20.19	20.06	21.40
40	QPSK	1	214	20.04	20.21	20.21	21.40
40	QPSK	108	0	20.13	20.14	20.15	21.40
40	QPSK	108	54	20.18	20.13	20.12	21.40
40	QPSK	108	108	20.09	20.05	20.15	21.40
40	QPSK	216	0	20.09	20.10	20.17	21.40
40	16QAM	1	1	20.18	20.20	20.35	21.40
40	64QAM	1	1	20.16	20.17	20.27	21.40
40	256QAM	1	1	19.24	19.32	19.40	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.90	20.08	20.00	21.40
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.91	20.08	20.02	21.40
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.93	20.04	20.08	21.40
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	

20	PI/2 BPSK	1	1	19.90	19.98	20.01	21.40
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.91	19.98	20.04	21.40
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.91	20.04	20.01	21.40
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.92	20.00	20.04	21.40

【FR1 n2_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.96	20.10	20.12	20.50
40	PI/2 BPSK	1	108	20.01	20.12	19.97	20.50
40	PI/2 BPSK	1	214	19.91	20.19	20.21	20.50
40	PI/2 BPSK	108	0	20.15	20.16	20.15	20.50
40	PI/2 BPSK	108	54	20.18	20.10	20.15	20.50
40	PI/2 BPSK	108	108	20.08	20.06	20.18	20.50
40	PI/2 BPSK	216	0	20.08	20.02	20.08	20.50
40	QPSK	1	1	19.91	20.03	20.15	20.50
40	QPSK	1	108	20.17	20.19	20.06	20.50
40	QPSK	1	214	20.04	20.21	20.21	20.50
40	QPSK	108	0	20.13	20.14	20.15	20.50
40	QPSK	108	54	20.18	20.13	20.12	20.50
40	QPSK	108	108	20.09	20.05	20.15	20.50
40	QPSK	216	0	20.09	20.10	20.17	20.50
40	16QAM	1	1	20.18	20.20	20.35	20.50
40	64QAM	1	1	20.16	20.17	20.27	20.50
40	256QAM	1	1	19.24	19.32	19.40	20.50
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	19.90	20.08	20.00	20.50
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	19.91	20.08	20.02	20.50
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	19.93	20.04	20.08	20.50
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	19.90	19.98	20.01	20.50
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.91	19.98	20.04	20.50
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.91	20.04	20.01	20.50
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.92	20.00	20.04	20.50

【FR1 n2_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.96	20.10	20.12	20.50
40	PI/2 BPSK	1	108	20.01	20.12	19.97	20.50
40	PI/2 BPSK	1	214	19.91	20.19	20.21	20.50
40	PI/2 BPSK	108	0	20.15	20.16	20.15	20.50
40	PI/2 BPSK	108	54	20.18	20.10	20.15	20.50
40	PI/2 BPSK	108	108	20.08	20.06	20.18	20.50
40	PI/2 BPSK	216	0	20.08	20.02	20.08	20.50
40	QPSK	1	1	19.91	20.03	20.15	20.50
40	QPSK	1	108	20.17	20.19	20.06	20.50
40	QPSK	1	214	20.04	20.21	20.21	20.50

40	QPSK	108	0	20.13	20.14	20.15	20.50
40	QPSK	108	54	20.18	20.13	20.12	20.50
40	QPSK	108	108	20.09	20.05	20.15	20.50
40	QPSK	216	0	20.09	20.10	20.17	20.50
40	16QAM	1	1	20.18	20.20	20.35	20.50
40	64QAM	1	1	20.16	20.17	20.27	20.50
40	256QAM	1	1	19.24	19.32	19.40	20.50
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	19.90	20.08	20.00	20.50
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	19.91	20.08	20.02	20.50
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	19.93	20.04	20.08	20.50
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	19.90	19.98	20.01	20.50
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.91	19.98	20.04	20.50
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.91	20.04	20.01	20.50
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.92	20.00	20.04	20.50

【FR1 n2_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.81	16.88	16.91	18.40
40	PI/2 BPSK	1	108	16.92	16.91	16.80	18.40
40	PI/2 BPSK	1	214	16.80	16.75	16.83	18.40
40	PI/2 BPSK	108	0	16.91	16.94	16.95	18.40
40	PI/2 BPSK	108	54	16.91	16.90	16.84	18.40
40	PI/2 BPSK	108	108	16.85	16.90	16.77	18.40
40	PI/2 BPSK	216	0	16.82	16.86	16.85	18.40
40	QPSK	1	1	16.66	16.86	16.84	18.40
40	QPSK	1	108	16.86	16.89	16.79	18.40
40	QPSK	1	214	16.77	16.71	16.79	18.40
40	QPSK	108	0	16.88	16.97	16.95	18.40
40	QPSK	108	54	16.92	16.91	16.83	18.40
40	QPSK	108	108	16.89	16.89	16.77	18.40
40	QPSK	216	0	16.89	16.89	16.84	18.40
40	16QAM	1	1	17.00	16.94	16.95	18.40
40	64QAM	1	1	16.94	16.98	16.93	18.40
40	256QAM	1	1	16.90	16.88	16.92	18.40
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	16.73	16.76	16.83	18.40
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.72	16.78	16.85	18.40
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.73	16.85	16.88	18.40
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.68	16.78	16.78	18.40
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.70	16.78	16.87	18.40
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.73	16.77	16.84	18.40
Channel				370500	376000	381500	Tune-up limit

Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.69	16.82	16.83	18.40

【FR1 n2_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.81	16.88	16.91	17.00
40	PI/2 BPSK	1	108	16.92	16.91	16.80	17.00
40	PI/2 BPSK	1	214	16.80	16.75	16.83	17.00
40	PI/2 BPSK	108	0	16.91	16.94	16.95	17.00
40	PI/2 BPSK	108	54	16.91	16.90	16.84	17.00
40	PI/2 BPSK	108	108	16.85	16.90	16.77	17.00
40	PI/2 BPSK	216	0	16.82	16.86	16.85	17.00
40	QPSK	1	1	16.66	16.86	16.84	17.00
40	QPSK	1	108	16.86	16.89	16.79	17.00
40	QPSK	1	214	16.77	16.71	16.79	17.00
40	QPSK	108	0	16.88	16.97	16.95	17.00
40	QPSK	108	54	16.92	16.91	16.83	17.00
40	QPSK	108	108	16.89	16.89	16.77	17.00
40	QPSK	216	0	16.89	16.89	16.84	17.00
40	16QAM	1	1	17.00	16.94	16.95	17.00
40	64QAM	1	1	16.94	16.98	16.93	17.00
40	256QAM	1	1	16.90	16.88	16.92	17.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.73	16.76	16.83	17.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.72	16.78	16.85	17.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.73	16.85	16.88	17.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.68	16.78	16.78	17.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.70	16.78	16.87	17.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.73	16.77	16.84	17.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.69	16.82	16.83	17.00

【FR1 n2_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	17.43	17.53	17.56	19.00
40	PI/2 BPSK	1	108	17.51	17.51	17.52	19.00
40	PI/2 BPSK	1	214	17.43	17.40	17.50	19.00
40	PI/2 BPSK	108	0	17.59	17.53	17.53	19.00
40	PI/2 BPSK	108	54	17.59	17.60	17.54	19.00
40	PI/2 BPSK	108	108	17.56	17.55	17.45	19.00
40	PI/2 BPSK	216	0	17.52	17.53	17.52	19.00
40	QPSK	1	1	17.37	17.51	17.49	19.00
40	QPSK	1	108	17.55	17.52	17.50	19.00
40	QPSK	1	214	17.42	17.33	17.45	19.00
40	QPSK	108	0	17.59	17.56	17.52	19.00
40	QPSK	108	54	17.53	17.51	17.52	19.00
40	QPSK	108	108	17.56	17.57	17.45	19.00
40	QPSK	216	0	17.57	17.56	17.52	19.00
40	16QAM	1	1	17.57	17.57	17.56	19.00
40	64QAM	1	1	17.52	17.49	17.57	19.00
40	256QAM	1	1	17.54	17.53	17.59	19.00
Channel				373500	376000	378500	Tune-up limit

	Frequency (MHz)			1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	17.33	17.47	17.52	19.00
	Channel			373000	376000	379000	Tune-up limit (dBm)
	Frequency (MHz)			1865	1880	1895	
30	PI/2 BPSK	1	1	17.41	17.39	17.53	19.00
	Channel			372500	376000	379500	Tune-up limit (dBm)
	Frequency (MHz)			1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.35	17.43	17.42	19.00
	Channel			372000	376000	380000	Tune-up limit (dBm)
	Frequency (MHz)			1860	1880	1900	
20	PI/2 BPSK	1	1	17.39	17.49	17.44	19.00
	Channel			371500	376000	380500	Tune-up limit (dBm)
	Frequency (MHz)			1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.36	17.40	17.46	19.00
	Channel			371000	376000	381000	Tune-up limit (dBm)
	Frequency (MHz)			1855	1880	1905	
10	PI/2 BPSK	1	1	17.38	17.42	17.44	19.00
	Channel			370500	376000	381500	Tune-up limit (dBm)
	Frequency (MHz)			1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.30	17.43	17.46	19.00

【FR1 n2_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376000	378000	
	Frequency (MHz)			1870	1880	1890	
40	PI/2 BPSK	1	1	17.43	17.53	17.56	17.60
40	PI/2 BPSK	1	108	17.51	17.51	17.52	17.60
40	PI/2 BPSK	1	214	17.43	17.40	17.50	17.60
40	PI/2 BPSK	108	0	17.59	17.53	17.53	17.60
40	PI/2 BPSK	108	54	17.59	17.60	17.54	17.60
40	PI/2 BPSK	108	108	17.56	17.55	17.45	17.60
40	PI/2 BPSK	216	0	17.52	17.53	17.52	17.60
40	QPSK	1	1	17.37	17.51	17.49	17.60
40	QPSK	1	108	17.55	17.52	17.50	17.60
40	QPSK	1	214	17.42	17.33	17.45	17.60
40	QPSK	108	0	17.59	17.56	17.52	17.60
40	QPSK	108	54	17.53	17.51	17.52	17.60
40	QPSK	108	108	17.56	17.57	17.45	17.60
40	QPSK	216	0	17.57	17.56	17.52	17.60
40	16QAM	1	1	17.57	17.57	17.56	17.60
40	64QAM	1	1	17.52	17.49	17.57	17.60
40	256QAM	1	1	17.54	17.53	17.59	17.60
	Channel			373500	376000	378500	Tune-up limit (dBm)
	Frequency (MHz)			1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.33	17.47	17.52	17.60
	Channel			373000	376000	379000	Tune-up limit (dBm)
	Frequency (MHz)			1865	1880	1895	
30	PI/2 BPSK	1	1	17.41	17.39	17.53	17.60
	Channel			372500	376000	379500	Tune-up limit (dBm)
	Frequency (MHz)			1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.35	17.43	17.42	17.60
	Channel			372000	376000	380000	Tune-up limit (dBm)
	Frequency (MHz)			1860	1880	1900	
20	PI/2 BPSK	1	1	17.39	17.49	17.44	17.60
	Channel			371500	376000	380500	Tune-up limit (dBm)
	Frequency (MHz)			1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.36	17.40	17.46	17.60
	Channel			371000	376000	381000	Tune-up limit (dBm)
	Frequency (MHz)			1855	1880	1905	
10	PI/2 BPSK	1	1	17.38	17.42	17.44	17.60
	Channel			370500	376000	381500	Tune-up limit (dBm)
	Frequency (MHz)			1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.30	17.43	17.46	17.60

【FR1 n2_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376000	378000	
	Frequency (MHz)			1870	1880	1890	

40	PI/2 BPSK	1	1	17.43	17.53	17.56	17.60
40	PI/2 BPSK	1	108	17.51	17.51	17.52	17.60
40	PI/2 BPSK	1	214	17.43	17.40	17.50	17.60
40	PI/2 BPSK	108	0	17.59	17.53	17.53	17.60
40	PI/2 BPSK	108	54	17.59	17.60	17.54	17.60
40	PI/2 BPSK	108	108	17.56	17.55	17.45	17.60
40	PI/2 BPSK	216	0	17.52	17.53	17.52	17.60
40	QPSK	1	1	17.37	17.51	17.49	17.60
40	QPSK	1	108	17.55	17.52	17.50	17.60
40	QPSK	1	214	17.42	17.33	17.45	17.60
40	QPSK	108	0	17.59	17.56	17.52	17.60
40	QPSK	108	54	17.53	17.51	17.52	17.60
40	QPSK	108	108	17.56	17.57	17.45	17.60
40	QPSK	216	0	17.57	17.56	17.52	17.60
40	16QAM	1	1	17.57	17.57	17.56	17.60
40	64QAM	1	1	17.52	17.49	17.57	17.60
40	256QAM	1	1	17.54	17.53	17.59	17.60
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.33	17.47	17.52	17.60
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.41	17.39	17.53	17.60
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.35	17.43	17.42	17.60
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.39	17.49	17.44	17.60
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.36	17.40	17.46	17.60
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.38	17.42	17.44	17.60
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.30	17.43	17.46	17.60

【FR1 n5_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.38	24.52	24.44	25.10
20	PI/2 BPSK	1	53	24.39	24.51	24.52	25.10
20	PI/2 BPSK	1	104	24.38	24.44	24.40	25.10
20	PI/2 BPSK	50	0	23.94	24.02	24.01	24.60
20	PI/2 BPSK	50	28	24.45	24.56	24.54	25.10
20	PI/2 BPSK	50	56	23.97	24.03	23.95	24.60
20	PI/2 BPSK	100	0	23.97	23.99	23.98	24.60
20	QPSK	1	1	24.41	24.40	24.44	25.10
20	QPSK	1	53	24.40	24.54	24.51	25.10
20	QPSK	1	104	24.38	24.38	24.37	25.10
20	QPSK	50	0	23.43	23.51	23.49	24.10
20	QPSK	50	28	24.46	24.57	24.53	25.10
20	QPSK	50	56	23.45	23.56	23.46	24.10
20	QPSK	100	0	23.47	23.50	23.53	24.10
20	16QAM	1	1	23.47	23.54	23.56	24.10
20	64QAM	1	1	21.99	22.05	22.07	22.60
20	256QAM	1	1	19.88	19.96	19.91	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.24	24.39	24.42	25.10
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.36	24.38	24.31	25.10
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.32	24.38	24.40	25.10

【FR1 n5_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.38	24.52	24.44	25.10
20	PI/2 BPSK	1	53	24.39	24.51	24.52	25.10
20	PI/2 BPSK	1	104	24.38	24.44	24.40	25.10
20	PI/2 BPSK	50	0	23.94	24.02	24.01	24.60
20	PI/2 BPSK	50	28	24.45	24.56	24.54	25.10
20	PI/2 BPSK	50	56	23.97	24.03	23.95	24.60
20	PI/2 BPSK	100	0	23.97	23.99	23.98	24.60
20	QPSK	1	1	24.41	24.40	24.44	25.10
20	QPSK	1	53	24.40	24.54	24.51	25.10
20	QPSK	1	104	24.38	24.38	24.37	25.10
20	QPSK	50	0	23.43	23.51	23.49	24.10
20	QPSK	50	28	24.46	24.57	24.53	25.10
20	QPSK	50	56	23.45	23.56	23.46	24.10
20	QPSK	100	0	23.47	23.50	23.53	24.10
20	16QAM	1	1	23.47	23.54	23.56	24.10
20	64QAM	1	1	21.99	22.05	22.07	22.60
20	256QAM	1	1	19.88	19.96	19.91	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.24	24.39	24.42	25.10
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.36	24.38	24.31	25.10
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.32	24.38	24.40	25.10

【FR1 n5_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.01	22.02	22.05	22.30
20	PI/2 BPSK	1	53	21.93	22.06	22.04	22.30
20	PI/2 BPSK	1	104	21.94	22.00	22.03	22.30
20	PI/2 BPSK	50	0	21.99	22.07	22.05	22.30
20	PI/2 BPSK	50	28	21.96	22.03	22.02	22.30
20	PI/2 BPSK	50	56	21.98	22.01	21.99	22.30
20	PI/2 BPSK	100	0	22.00	22.04	22.04	22.30
20	QPSK	1	1	21.91	21.99	21.95	22.30
20	QPSK	1	53	21.91	22.04	22.02	22.30
20	QPSK	1	104	21.92	21.99	21.98	22.30
20	QPSK	50	0	21.96	22.07	22.05	22.30
20	QPSK	50	28	21.94	22.06	22.03	22.30
20	QPSK	50	56	21.99	22.04	21.95	22.30
20	QPSK	100	0	21.99	22.05	22.04	22.30
20	16QAM	1	1	22.15	22.20	22.16	22.30
20	64QAM	1	1	21.96	22.05	22.04	22.30
20	256QAM	1	1	19.81	19.81	19.85	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.97	22.00	21.93	22.30
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.99	21.90	21.99	22.30
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.93	21.93	22.02	22.30

【FR1 n5_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.01	22.02	22.05	22.20
20	PI/2 BPSK	1	53	21.93	22.06	22.04	22.20
20	PI/2 BPSK	1	104	21.94	22.00	22.03	22.20
20	PI/2 BPSK	50	0	21.99	22.07	22.05	22.20
20	PI/2 BPSK	50	28	21.96	22.03	22.02	22.20
20	PI/2 BPSK	50	56	21.98	22.01	21.99	22.20
20	PI/2 BPSK	100	0	22.00	22.04	22.04	22.20
20	QPSK	1	1	21.91	21.99	21.95	22.20
20	QPSK	1	53	21.91	22.04	22.02	22.20
20	QPSK	1	104	21.92	21.99	21.98	22.20
20	QPSK	50	0	21.96	22.07	22.05	22.20
20	QPSK	50	28	21.94	22.06	22.03	22.20
20	QPSK	50	56	21.99	22.04	21.95	22.20
20	QPSK	100	0	21.99	22.05	22.04	22.20
20	16QAM	1	1	22.15	22.20	22.16	22.20
20	64QAM	1	1	21.96	22.05	22.04	22.20
20	256QAM	1	1	19.81	19.81	19.85	20.60
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	21.97	22.00	21.93	22.20
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	21.99	21.90	21.99	22.20
Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	21.93	21.93	22.02	22.20

【FR1 n5_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.01	22.02	22.05	22.20
20	PI/2 BPSK	1	53	21.93	22.06	22.04	22.20
20	PI/2 BPSK	1	104	21.94	22.00	22.03	22.20
20	PI/2 BPSK	50	0	21.99	22.07	22.05	22.20
20	PI/2 BPSK	50	28	21.96	22.03	22.02	22.20
20	PI/2 BPSK	50	56	21.98	22.01	21.99	22.20
20	PI/2 BPSK	100	0	22.00	22.04	22.04	22.20
20	QPSK	1	1	21.91	21.99	21.95	22.20
20	QPSK	1	53	21.91	22.04	22.02	22.20
20	QPSK	1	104	21.92	21.99	21.98	22.20
20	QPSK	50	0	21.96	22.07	22.05	22.20
20	QPSK	50	28	21.94	22.06	22.03	22.20
20	QPSK	50	56	21.99	22.04	21.95	22.20
20	QPSK	100	0	21.99	22.05	22.04	22.20
20	16QAM	1	1	22.15	22.20	22.16	22.20
20	64QAM	1	1	21.96	22.05	22.04	22.20
20	256QAM	1	1	19.81	19.81	19.85	20.60
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	21.97	22.00	21.93	22.20
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	21.99	21.90	21.99	22.20
Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	21.93	21.93	22.02	22.20

【FR1 n5_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.83	21.89	21.89	23.20
20	PI/2 BPSK	1	53	21.86	22.03	22.08	23.20
20	PI/2 BPSK	1	104	22.11	22.19	22.14	23.20
20	PI/2 BPSK	50	0	21.91	21.96	21.96	23.20
20	PI/2 BPSK	50	28	21.93	22.08	22.04	23.20
20	PI/2 BPSK	50	56	22.03	22.11	22.17	23.20
20	PI/2 BPSK	100	0	22.02	22.08	22.06	23.20
20	QPSK	1	1	21.80	21.83	21.86	23.20
20	QPSK	1	53	21.86	22.03	22.00	23.20
20	QPSK	1	104	22.05	22.16	22.13	23.20
20	QPSK	50	0	21.89	21.99	21.95	23.20
20	QPSK	50	28	21.96	22.12	22.08	23.20
20	QPSK	50	56	22.04	22.12	22.17	23.20
20	QPSK	100	0	21.98	22.08	22.11	23.20
20	16QAM	1	1	22.07	22.11	22.07	23.20
20	64QAM	1	1	21.92	21.97	21.88	22.60
20	256QAM	1	1	19.69	19.75	19.66	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.75	21.86	21.79	23.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.79	21.86	21.78	23.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.80	21.78	21.87	23.20

【FR1 n5_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	20.71	20.77	20.71	22.10
20	PI/2 BPSK	1	53	20.69	20.85	20.91	22.10
20	PI/2 BPSK	1	104	20.96	21.06	21.03	22.10
20	PI/2 BPSK	50	0	20.80	20.83	20.80	22.10
20	PI/2 BPSK	50	28	20.76	20.93	20.86	22.10
20	PI/2 BPSK	50	56	20.85	20.95	21.00	22.10
20	PI/2 BPSK	100	0	20.85	20.91	20.91	22.10
20	QPSK	1	1	20.66	20.67	20.71	22.10
20	QPSK	1	53	20.68	20.88	20.88	22.10
20	QPSK	1	104	20.87	21.00	21.00	22.10
20	QPSK	50	0	20.74	20.82	20.84	22.10
20	QPSK	50	28	20.81	20.99	20.97	22.10
20	QPSK	50	56	20.90	20.95	21.05	22.10
20	QPSK	100	0	20.82	20.90	20.96	22.10
20	16QAM	1	1	20.87	20.95	20.88	22.10
20	64QAM	1	1	20.73	20.82	20.76	22.10
20	256QAM	1	1	19.54	19.58	19.47	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.57	20.69	20.66	22.10
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.67	20.70	20.65	22.10
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.56	20.75	20.61	22.10

【FR1 n5_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	Tune-up limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.41	23.42	23.38	24.70
20	PI/2 BPSK	1	53	23.05	23.26	23.26	24.70
20	PI/2 BPSK	1	104	23.33	23.38	23.35	24.70
20	PI/2 BPSK	50	0	23.14	23.18	23.14	24.60

20	PI/2 BPSK	50	28	23.22	23.31	23.29	24.70
20	PI/2 BPSK	50	56	23.20	23.30	23.27	24.60
20	PI/2 BPSK	100	0	23.21	23.27	23.25	24.60
20	QPSK	1	1	22.99	23.00	23.03	24.70
20	QPSK	1	53	23.05	23.20	23.17	24.70
20	QPSK	1	104	23.25	23.35	23.32	24.70
20	QPSK	50	0	23.10	23.18	23.14	24.10
20	QPSK	50	28	23.15	23.27	23.27	24.70
20	QPSK	50	56	23.20	23.27	23.34	24.10
20	QPSK	100	0	23.17	23.27	23.26	24.10
20	16QAM	1	1	23.26	23.26	23.18	24.10
20	64QAM	1	1	21.93	21.96	21.89	22.60
20	256QAM	1	1	19.71	19.77	19.64	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.38	23.34	23.36	24.70
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.32	23.27	23.26	24.70
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.36	23.36	23.29	24.70

【FR1 n5_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.41	23.42	23.38	24.00
20	PI/2 BPSK	1	53	23.05	23.26	23.26	24.00
20	PI/2 BPSK	1	104	23.33	23.38	23.35	24.00
20	PI/2 BPSK	50	0	23.14	23.18	23.14	24.00
20	PI/2 BPSK	50	28	23.22	23.31	23.29	24.00
20	PI/2 BPSK	50	56	23.20	23.30	23.27	24.00
20	PI/2 BPSK	100	0	23.21	23.27	23.25	24.00
20	QPSK	1	1	22.99	23.00	23.03	24.00
20	QPSK	1	53	23.05	23.20	23.17	24.00
20	QPSK	1	104	23.25	23.35	23.32	24.00
20	QPSK	50	0	23.10	23.18	23.14	24.00
20	QPSK	50	28	23.15	23.27	23.27	24.00
20	QPSK	50	56	23.20	23.27	23.34	24.00
20	QPSK	100	0	23.17	23.27	23.26	24.00
20	16QAM	1	1	23.26	23.26	23.18	24.00
20	64QAM	1	1	21.93	21.96	21.89	22.60
20	256QAM	1	1	19.71	19.77	19.64	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.38	23.34	23.36	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.32	23.27	23.26	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.36	23.36	23.29	24.00

【FR1 n5_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.41	23.42	23.38	24.00
20	PI/2 BPSK	1	53	23.05	23.26	23.26	24.00
20	PI/2 BPSK	1	104	23.33	23.38	23.35	24.00
20	PI/2 BPSK	50	0	23.14	23.18	23.14	24.00
20	PI/2 BPSK	50	28	23.22	23.31	23.29	24.00
20	PI/2 BPSK	50	56	23.20	23.30	23.27	24.00
20	PI/2 BPSK	100	0	23.21	23.27	23.25	24.00
20	QPSK	1	1	22.99	23.00	23.03	24.00
20	QPSK	1	53	23.05	23.20	23.17	24.00
20	QPSK	1	104	23.25	23.35	23.32	24.00

20	QPSK	50	0	23.10	23.18	23.14	24.00
20	QPSK	50	28	23.15	23.27	23.27	24.00
20	QPSK	50	56	23.20	23.27	23.34	24.00
20	QPSK	100	0	23.17	23.27	23.26	24.00
20	16QAM	1	1	23.26	23.26	23.18	24.00
20	64QAM	1	1	21.93	21.96	21.89	22.60
20	256QAM	1	1	19.71	19.77	19.64	20.60
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	23.38	23.34	23.36	24.00
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	23.32	23.27	23.26	24.00
Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.36	23.36	23.29	24.00

【FR1 n7_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.33	24.34	24.25	25.00
50	PI/2 BPSK	1	135	24.32	24.33	24.31	25.00
50	PI/2 BPSK	1	268	24.26	24.25	24.27	25.00
50	PI/2 BPSK	135	0	23.86	23.88	23.95	24.50
50	PI/2 BPSK	135	68	24.30	24.31	24.34	25.00
50	PI/2 BPSK	135	135	23.88	23.97	23.83	24.50
50	PI/2 BPSK	270	0	23.83	23.90	23.99	24.50
50	QPSK	1	1	24.32	24.30	24.24	25.00
50	QPSK	1	135	24.42	24.41	24.38	25.00
50	QPSK	1	268	24.28	24.24	24.31	25.00
50	QPSK	135	0	23.40	23.43	23.54	24.00
50	QPSK	135	68	24.39	24.36	24.36	25.00
50	QPSK	135	135	23.36	23.47	23.41	24.00
50	QPSK	270	0	23.37	23.43	23.49	24.00
50	16QAM	1	1	23.53	23.41	23.42	24.00
50	64QAM	1	1	22.00	21.87	21.90	22.50
50	256QAM	1	1	20.02	19.90	19.87	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.28	24.27	24.24	25.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.27	24.22	24.13	25.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.21	24.23	24.12	25.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.21	24.18	25.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.26	24.19	24.24	25.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.30	24.29	24.19	25.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.24	24.29	24.11	25.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.19	24.21	24.12	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				505000	507000	509000	
50	PI/2 BPSK	1	1	2525	2535	2545	25.00
50	PI/2 BPSK	1	135	24.33	24.34	24.25	25.00
50	PI/2 BPSK	1	268	24.32	24.33	24.31	25.00
50	PI/2 BPSK	135	0	24.26	24.25	24.27	25.00
50	PI/2 BPSK	135	68	23.86	23.88	23.95	24.50
50	PI/2 BPSK	135	135	24.30	24.31	24.34	25.00
50	PI/2 BPSK	270	0	23.88	23.97	23.83	24.50
50	QPSK	1	1	23.83	23.90	23.99	24.50
50	QPSK	1	135	24.32	24.30	24.24	25.00
50	QPSK	1	268	24.42	24.41	24.38	25.00
50	QPSK	135	0	24.28	24.24	24.31	25.00
50	QPSK	135	68	23.40	23.43	23.54	24.00
50	QPSK	135	135	24.39	24.36	24.36	25.00
50	QPSK	270	0	23.36	23.47	23.41	24.00
50	16QAM	1	1	23.37	23.43	23.49	24.00
50	64QAM	1	1	23.53	23.41	23.42	24.00
50	256QAM	1	1	22.00	21.87	21.90	22.50
50	256QAM	1	1	20.02	19.90	19.87	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.28	24.27	24.24	25.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.27	24.22	24.13	25.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.21	24.23	24.12	25.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.21	24.18	25.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.26	24.19	24.24	25.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.30	24.29	24.19	25.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.24	24.29	24.11	25.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.19	24.21	24.12	25.00

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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.95	15.99	15.97	17.40
50	PI/2 BPSK	1	135	15.79	15.85	15.81	17.40
50	PI/2 BPSK	1	268	15.79	15.78	15.79	17.40
50	PI/2 BPSK	135	0	15.89	15.92	15.91	17.40
50	PI/2 BPSK	135	68	15.78	15.81	15.84	17.40
50	PI/2 BPSK	135	135	15.78	15.91	15.87	17.40
50	PI/2 BPSK	270	0	15.85	15.97	15.96	17.40
50	QPSK	1	1	15.84	15.76	15.81	17.40
50	QPSK	1	135	15.78	15.83	15.80	17.40
50	QPSK	1	268	15.76	15.70	15.71	17.40
50	QPSK	135	0	15.88	15.90	15.96	17.40
50	QPSK	135	68	15.86	15.86	15.88	17.40
50	QPSK	135	135	15.82	15.94	15.92	17.40
50	QPSK	270	0	15.83	15.90	15.94	17.40
50	16QAM	1	1	15.93	15.90	15.78	17.40
50	64QAM	1	1	15.94	15.79	15.79	17.40
50	256QAM	1	1	15.93	15.94	15.90	17.40
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.93	15.98	15.87	17.40
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.92	15.94	15.85	17.40
Channel				503000	507000	511000	Tune-up limit

	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.87	15.85	15.88	17.40
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.88	15.93	15.83	17.40
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.92	15.88	15.92	17.40
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.94	15.98	15.84	17.40
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.87	15.89	15.91	17.40
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.94	15.96	15.95	17.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	
50	PI/2 BPSK	1	1	15.95	15.99	15.97	16.00
50	PI/2 BPSK	1	135	15.79	15.85	15.81	16.00
50	PI/2 BPSK	1	268	15.79	15.78	15.79	16.00
50	PI/2 BPSK	135	0	15.89	15.92	15.91	16.00
50	PI/2 BPSK	135	68	15.78	15.81	15.84	16.00
50	PI/2 BPSK	135	135	15.78	15.91	15.87	16.00
50	PI/2 BPSK	270	0	15.85	15.97	15.96	16.00
50	QPSK	1	1	15.84	15.76	15.81	16.00
50	QPSK	1	135	15.78	15.83	15.80	16.00
50	QPSK	1	268	15.76	15.70	15.71	16.00
50	QPSK	135	0	15.88	15.90	15.96	16.00
50	QPSK	135	68	15.86	15.86	15.88	16.00
50	QPSK	135	135	15.82	15.94	15.92	16.00
50	QPSK	270	0	15.83	15.90	15.94	16.00
50	16QAM	1	1	15.93	15.90	15.78	16.00
50	64QAM	1	1	15.94	15.79	15.79	16.00
50	256QAM	1	1	15.93	15.94	15.90	16.00
	Channel			504000	507000	510000	Tune-up limit
	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.93	15.98	15.87	16.00
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.92	15.94	15.85	16.00
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.87	15.85	15.88	16.00
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.88	15.93	15.83	16.00
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.92	15.88	15.92	16.00
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.94	15.98	15.84	16.00
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.87	15.89	15.91	16.00
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.94	15.96	15.95	16.00

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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			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	

50	PI/2 BPSK	1	1	15.95	15.99	15.97	16.00
50	PI/2 BPSK	1	135	15.79	15.85	15.81	16.00
50	PI/2 BPSK	1	268	15.79	15.78	15.79	16.00
50	PI/2 BPSK	135	0	15.89	15.92	15.91	16.00
50	PI/2 BPSK	135	68	15.78	15.81	15.84	16.00
50	PI/2 BPSK	135	135	15.78	15.91	15.87	16.00
50	PI/2 BPSK	270	0	15.85	15.97	15.96	16.00
50	QPSK	1	1	15.84	15.76	15.81	16.00
50	QPSK	1	135	15.78	15.83	15.80	16.00
50	QPSK	1	268	15.76	15.70	15.71	16.00
50	QPSK	135	0	15.88	15.90	15.96	16.00
50	QPSK	135	68	15.86	15.86	15.88	16.00
50	QPSK	135	135	15.82	15.94	15.92	16.00
50	QPSK	270	0	15.83	15.90	15.94	16.00
50	16QAM	1	1	15.93	15.90	15.78	16.00
50	64QAM	1	1	15.94	15.79	15.79	16.00
50	256QAM	1	1	15.93	15.94	15.90	16.00
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.93	15.98	15.87	16.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.92	15.94	15.85	16.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.87	15.85	15.88	16.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.88	15.93	15.83	16.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.92	15.88	15.92	16.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.94	15.98	15.84	16.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.87	15.89	15.91	16.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.94	15.96	15.95	16.00

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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.97	22.98	22.96	24.10
50	PI/2 BPSK	1	135	22.80	22.77	22.76	24.10
50	PI/2 BPSK	1	268	22.67	22.67	22.69	24.10
50	PI/2 BPSK	135	0	22.80	22.85	22.84	24.10
50	PI/2 BPSK	135	68	22.73	22.71	22.75	24.10
50	PI/2 BPSK	135	135	22.79	22.82	22.81	24.10
50	PI/2 BPSK	270	0	22.77	22.95	22.93	24.10
50	QPSK	1	1	22.78	22.70	22.65	24.10
50	QPSK	1	135	22.86	22.84	22.78	24.10
50	QPSK	1	268	22.68	22.67	22.73	24.10
50	QPSK	135	0	22.84	22.88	22.92	24.00
50	QPSK	135	68	22.81	22.83	22.83	24.10
50	QPSK	135	135	22.80	22.85	22.83	24.00
50	QPSK	270	0	22.79	22.85	22.95	24.00
50	16QAM	1	1	22.94	22.94	22.88	24.00
50	64QAM	1	1	21.92	21.90	21.80	22.50
50	256QAM	1	1	19.97	19.86	19.89	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	22.95	22.85	22.82	24.10
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	22.85	22.90	22.82	24.10

Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	22.89	22.87	22.88	24.10
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	22.87	22.93	22.91	24.10
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	22.86	22.91	22.94	24.10
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.94	22.90	22.89	24.10
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.90	22.94	22.83	24.10
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.83	22.93	22.94	24.10

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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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.97	22.98	22.96	23.40
50	PI/2 BPSK	1	135	22.80	22.77	22.76	23.40
50	PI/2 BPSK	1	268	22.67	22.67	22.69	23.40
50	PI/2 BPSK	135	0	22.80	22.85	22.84	23.40
50	PI/2 BPSK	135	68	22.73	22.71	22.75	23.40
50	PI/2 BPSK	135	135	22.79	22.82	22.81	23.40
50	PI/2 BPSK	270	0	22.77	22.95	22.93	23.40
50	QPSK	1	1	22.78	22.70	22.65	23.40
50	QPSK	1	135	22.86	22.84	22.78	23.40
50	QPSK	1	268	22.68	22.67	22.73	23.40
50	QPSK	135	0	22.84	22.88	22.92	23.40
50	QPSK	135	68	22.81	22.83	22.83	23.40
50	QPSK	135	135	22.80	22.85	22.83	23.40
50	QPSK	270	0	22.79	22.85	22.95	23.40
50	16QAM	1	1	22.94	22.94	22.88	23.40
50	64QAM	1	1	21.92	21.90	21.80	22.50
50	256QAM	1	1	19.97	19.86	19.89	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	22.95	22.85	22.82	23.40
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	22.85	22.90	22.82	23.40
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	22.89	22.87	22.88	23.40
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	22.87	22.93	22.91	23.40
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	22.86	22.91	22.94	23.40
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.94	22.90	22.89	23.40
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.90	22.94	22.83	23.40
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.83	22.93	22.94	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	

Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.72	16.74	16.68	18.50
50	PI/2 BPSK	1	135	16.71	16.74	16.76	18.50
50	PI/2 BPSK	1	268	16.65	16.66	16.69	18.50
50	PI/2 BPSK	135	0	16.78	16.82	16.89	18.50
50	PI/2 BPSK	135	68	16.71	16.74	16.73	18.50
50	PI/2 BPSK	135	135	16.78	16.80	16.79	18.50
50	PI/2 BPSK	270	0	16.77	16.83	16.90	18.50
50	QPSK	1	1	16.62	16.64	16.61	18.50
50	QPSK	1	135	16.80	16.83	16.69	18.50
50	QPSK	1	268	16.79	16.75	16.61	18.50
50	QPSK	135	0	16.78	16.87	16.90	18.50
50	QPSK	135	68	16.79	16.79	16.79	18.50
50	QPSK	135	135	16.79	16.82	16.80	18.50
50	QPSK	270	0	16.82	16.85	16.87	18.50
50	16QAM	1	1	17.05	17.02	17.00	18.50
50	64QAM	1	1	17.01	16.98	17.01	18.50
50	256QAM	1	1	16.90	16.84	16.83	18.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.67	16.61	16.66	18.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.63	16.59	16.65	18.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.57	16.61	16.64	18.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	16.59	16.61	16.59	18.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.68	16.63	16.60	18.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.58	16.61	16.58	18.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.60	16.65	16.54	18.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.64	16.72	16.65	18.50

【FR1 n7_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.72	16.74	16.68	17.10
50	PI/2 BPSK	1	135	16.71	16.74	16.76	17.10
50	PI/2 BPSK	1	268	16.65	16.66	16.69	17.10
50	PI/2 BPSK	135	0	16.78	16.82	16.89	17.10
50	PI/2 BPSK	135	68	16.71	16.74	16.73	17.10
50	PI/2 BPSK	135	135	16.78	16.80	16.79	17.10
50	PI/2 BPSK	270	0	16.77	16.83	16.90	17.10
50	QPSK	1	1	16.62	16.64	16.61	17.10
50	QPSK	1	135	16.80	16.83	16.69	17.10
50	QPSK	1	268	16.79	16.75	16.61	17.10
50	QPSK	135	0	16.78	16.87	16.90	17.10
50	QPSK	135	68	16.79	16.79	16.79	17.10
50	QPSK	135	135	16.79	16.82	16.80	17.10
50	QPSK	270	0	16.82	16.85	16.87	17.10
50	16QAM	1	1	17.05	17.02	17.00	17.10
50	64QAM	1	1	17.01	16.98	17.01	17.10
50	256QAM	1	1	16.90	16.84	16.83	17.10
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.67	16.61	16.66	17.10
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.63	16.59	16.65	17.10
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.57	16.61	16.64	17.10

Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.59	16.61	16.59	17.10
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.68	16.63	16.60	17.10
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.58	16.61	16.58	17.10
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.60	16.65	16.54	17.10
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.64	16.72	16.65	17.10

【FR1 n7_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.72	16.74	16.68	17.10
50	PI/2 BPSK	1	135	16.71	16.74	16.76	17.10
50	PI/2 BPSK	1	268	16.65	16.66	16.69	17.10
50	PI/2 BPSK	135	0	16.78	16.82	16.89	17.10
50	PI/2 BPSK	135	68	16.71	16.74	16.73	17.10
50	PI/2 BPSK	135	135	16.78	16.80	16.79	17.10
50	PI/2 BPSK	270	0	16.77	16.83	16.90	17.10
50	QPSK	1	1	16.62	16.64	16.61	17.10
50	QPSK	1	135	16.80	16.83	16.69	17.10
50	QPSK	1	268	16.79	16.75	16.61	17.10
50	QPSK	135	0	16.78	16.87	16.90	17.10
50	QPSK	135	68	16.79	16.79	16.79	17.10
50	QPSK	135	135	16.79	16.82	16.80	17.10
50	QPSK	270	0	16.82	16.85	16.87	17.10
50	16QAM	1	1	17.05	17.02	17.00	17.10
50	64QAM	1	1	17.01	16.98	17.01	17.10
50	256QAM	1	1	16.90	16.84	16.83	17.10
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.67	16.61	16.66	17.10
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.63	16.59	16.65	17.10
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.57	16.61	16.64	17.10
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.59	16.61	16.59	17.10
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.68	16.63	16.60	17.10
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.58	16.61	16.58	17.10
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.60	16.65	16.54	17.10
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.64	16.72	16.65	17.10

【FR1 n12_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.68	24.70	24.64	25.10
15	PI/2 BPSK	1	40	24.69	24.63	24.69	25.10
15	PI/2 BPSK	1	77	24.68	24.69	24.67	25.10
15	PI/2 BPSK	36	0	24.19	24.17	24.16	24.60
15	PI/2 BPSK	36	22	24.65	24.64	24.63	25.10
15	PI/2 BPSK	36	43	24.15	24.19	24.17	24.60
15	PI/2 BPSK	75	0	24.20	24.19	24.17	24.60
15	QPSK	1	1	24.64	24.67	24.62	25.10
15	QPSK	1	40	24.66	24.67	24.67	25.10
15	QPSK	1	77	24.67	24.69	24.65	25.10
15	QPSK	36	0	23.71	23.71	23.69	24.10
15	QPSK	36	22	24.70	24.68	24.66	25.10
15	QPSK	36	43	23.64	23.67	23.67	24.10
15	QPSK	75	0	23.73	23.72	23.72	24.10
15	16QAM	1	1	23.74	23.95	23.78	24.10
15	64QAM	1	1	22.42	22.43	22.41	22.60
15	256QAM	1	1	20.17	20.17	20.22	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.63	24.62	24.52	25.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.56	24.56	25.10

【FR1 n12_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.68	24.70	24.64	25.10
15	PI/2 BPSK	1	40	24.69	24.63	24.69	25.10
15	PI/2 BPSK	1	77	24.68	24.69	24.67	25.10
15	PI/2 BPSK	36	0	24.19	24.17	24.16	24.60
15	PI/2 BPSK	36	22	24.65	24.64	24.63	25.10
15	PI/2 BPSK	36	43	24.15	24.19	24.17	24.60
15	PI/2 BPSK	75	0	24.20	24.19	24.17	24.60
15	QPSK	1	1	24.64	24.67	24.62	25.10
15	QPSK	1	40	24.66	24.67	24.67	25.10
15	QPSK	1	77	24.67	24.69	24.65	25.10
15	QPSK	36	0	23.71	23.71	23.69	24.10
15	QPSK	36	22	24.70	24.68	24.66	25.10
15	QPSK	36	43	23.64	23.67	23.67	24.10
15	QPSK	75	0	23.73	23.72	23.72	24.10
15	16QAM	1	1	23.74	23.95	23.78	24.10
15	64QAM	1	1	22.42	22.43	22.41	22.60
15	256QAM	1	1	20.17	20.17	20.22	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.63	24.62	24.52	25.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.56	24.56	25.10

【FR1 n12_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.68	24.70	24.64	25.10
15	PI/2 BPSK	1	40	24.69	24.63	24.69	25.10
15	PI/2 BPSK	1	77	24.68	24.69	24.67	25.10
15	PI/2 BPSK	36	0	24.19	24.17	24.16	24.60
15	PI/2 BPSK	36	22	24.65	24.64	24.63	25.10
15	PI/2 BPSK	36	43	24.15	24.19	24.17	24.60
15	PI/2 BPSK	75	0	24.20	24.19	24.17	24.60
15	QPSK	1	1	24.64	24.67	24.62	25.10
15	QPSK	1	40	24.66	24.67	24.67	25.10
15	QPSK	1	77	24.67	24.69	24.65	25.10

15	QPSK	36	0	23.71	23.71	23.69	24.10
15	QPSK	36	22	24.70	24.68	24.66	25.10
15	QPSK	36	43	23.64	23.67	23.67	24.10
15	QPSK	75	0	23.73	23.72	23.72	24.10
15	16QAM	1	1	23.74	23.95	23.78	24.10
15	64QAM	1	1	22.42	22.43	22.41	22.60
15	256QAM	1	1	20.17	20.17	20.22	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.63	24.62	24.52	25.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.67	24.56	24.56	25.10

【FR1 n12_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	Tune-up limit (dBm)
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.01	23.05	22.99	24.10
15	PI/2 BPSK	1	40	22.92	23.06	22.85	24.10
15	PI/2 BPSK	1	77	23.01	23.08	22.95	24.10
15	PI/2 BPSK	36	0	22.94	23.07	22.92	24.10
15	PI/2 BPSK	36	22	22.91	23.06	22.94	24.10
15	PI/2 BPSK	36	43	23.01	23.09	22.91	24.10
15	PI/2 BPSK	75	0	22.94	23.07	22.94	24.10
15	QPSK	1	1	22.97	23.03	22.93	24.10
15	QPSK	1	40	22.83	23.01	22.89	24.10
15	QPSK	1	77	22.89	23.06	22.89	24.10
15	QPSK	36	0	23.00	23.11	22.98	24.10
15	QPSK	36	22	23.00	23.08	22.97	24.10
15	QPSK	36	43	22.98	23.06	22.95	24.10
15	QPSK	75	0	23.01	23.14	22.97	24.10
15	16QAM	1	1	23.01	23.17	22.99	24.10
15	64QAM	1	1	22.07	22.17	22.05	22.60
15	256QAM	1	1	19.74	19.90	19.80	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.89	23.00	22.85	24.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.97	22.92	22.88	24.10

【FR1 n12_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	Tune-up limit (dBm)
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.01	23.05	22.99	24.10
15	PI/2 BPSK	1	40	22.92	23.06	22.85	24.10
15	PI/2 BPSK	1	77	23.01	23.08	22.95	24.10
15	PI/2 BPSK	36	0	22.94	23.07	22.92	24.10
15	PI/2 BPSK	36	22	22.91	23.06	22.94	24.10
15	PI/2 BPSK	36	43	23.01	23.09	22.91	24.10
15	PI/2 BPSK	75	0	22.94	23.07	22.94	24.10
15	QPSK	1	1	22.97	23.03	22.93	24.10
15	QPSK	1	40	22.83	23.01	22.89	24.10
15	QPSK	1	77	22.89	23.06	22.89	24.10
15	QPSK	36	0	23.00	23.11	22.98	24.10
15	QPSK	36	22	23.00	23.08	22.97	24.10
15	QPSK	36	43	22.98	23.06	22.95	24.10
15	QPSK	75	0	23.01	23.14	22.97	24.10
15	16QAM	1	1	23.01	23.17	22.99	24.10
15	64QAM	1	1	22.07	22.17	22.05	22.60
15	256QAM	1	1	19.74	19.90	19.80	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.89	23.00	22.85	24.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	

5	PI/2 BPSK	1	1	22.97	22.92	22.88	24.10
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【FR1 n12_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.02	23.04	23.03	24.60
15	PI/2 BPSK	1	40	23.10	23.10	23.09	24.60
15	PI/2 BPSK	1	77	23.21	23.21	23.19	24.60
15	PI/2 BPSK	36	0	23.14	23.12	23.13	24.60
15	PI/2 BPSK	36	22	23.11	23.09	23.10	24.60
15	PI/2 BPSK	36	43	23.16	23.17	23.18	24.60
15	PI/2 BPSK	75	0	23.14	23.16	23.16	24.60
15	QPSK	1	1	22.97	23.01	22.94	24.60
15	QPSK	1	40	23.11	23.13	23.12	24.60
15	QPSK	1	77	23.16	23.16	23.13	24.60
15	QPSK	36	0	23.13	23.16	23.13	24.10
15	QPSK	36	22	23.15	23.14	23.16	24.60
15	QPSK	36	43	23.20	23.20	23.20	24.10
15	QPSK	75	0	23.16	23.18	23.18	24.10
15	16QAM	1	1	23.19	23.23	23.20	24.10
15	64QAM	1	1	22.17	22.20	22.18	22.60
15	256QAM	1	1	19.94	19.97	19.94	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.91	22.96	22.92	24.60
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.96	23.01	22.99	24.60

【FR1 n12_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.02	23.04	23.03	23.90
15	PI/2 BPSK	1	40	23.10	23.10	23.09	23.90
15	PI/2 BPSK	1	77	23.21	23.21	23.19	23.90
15	PI/2 BPSK	36	0	23.14	23.12	23.13	23.90
15	PI/2 BPSK	36	22	23.11	23.09	23.10	23.90
15	PI/2 BPSK	36	43	23.16	23.17	23.18	23.90
15	PI/2 BPSK	75	0	23.14	23.16	23.16	23.90
15	QPSK	1	1	22.97	23.01	22.94	23.90
15	QPSK	1	40	23.11	23.13	23.12	23.90
15	QPSK	1	77	23.16	23.16	23.13	23.90
15	QPSK	36	0	23.13	23.16	23.13	23.90
15	QPSK	36	22	23.15	23.14	23.16	23.90
15	QPSK	36	43	23.20	23.20	23.20	23.90
15	QPSK	75	0	23.16	23.18	23.18	23.90
15	16QAM	1	1	23.19	23.23	23.20	23.90
15	64QAM	1	1	22.17	22.20	22.18	22.60
15	256QAM	1	1	19.94	19.97	19.94	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.91	22.96	22.92	23.90
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.96	23.01	22.99	23.90

【FR1 n12_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				141300	141500	141700	
				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.34	24.43	24.32	25.10
15	PI/2 BPSK	1	40	24.41	24.41	24.40	25.10
15	PI/2 BPSK	1	77	24.42	24.42	24.42	25.10
15	PI/2 BPSK	36	0	23.94	23.94	23.92	24.60
15	PI/2 BPSK	36	22	24.42	24.50	24.39	25.10
15	PI/2 BPSK	36	43	23.97	23.99	24.01	24.60
15	PI/2 BPSK	75	0	23.94	23.97	23.95	24.60
15	QPSK	1	1	24.29	24.29	24.24	25.10
15	QPSK	1	40	24.46	24.45	24.47	25.10
15	QPSK	1	77	24.49	24.49	24.48	25.10
15	QPSK	36	0	23.46	23.46	23.43	24.10
15	QPSK	36	22	24.47	24.45	24.44	25.10
15	QPSK	36	43	23.51	23.49	23.52	24.10
15	QPSK	75	0	23.46	23.48	23.49	24.10
15	16QAM	1	1	23.55	23.53	23.56	24.10
15	64QAM	1	1	22.17	22.18	22.20	22.60
15	256QAM	1	1	19.93	19.92	19.97	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.33	24.34	24.22	25.10
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.30	24.32	24.23	25.10

【FR1 n12_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.34	24.43	24.32	25.00
15	PI/2 BPSK	1	40	24.41	24.41	24.40	25.00
15	PI/2 BPSK	1	77	24.42	24.42	24.42	25.00
15	PI/2 BPSK	36	0	23.94	23.94	23.92	24.60
15	PI/2 BPSK	36	22	24.42	24.50	24.39	25.00
15	PI/2 BPSK	36	43	23.97	23.99	24.01	24.60
15	PI/2 BPSK	75	0	23.94	23.97	23.95	24.60
15	QPSK	1	1	24.29	24.29	24.24	25.00
15	QPSK	1	40	24.46	24.45	24.47	25.00
15	QPSK	1	77	24.49	24.49	24.48	25.00
15	QPSK	36	0	23.46	23.46	23.43	24.10
15	QPSK	36	22	24.47	24.45	24.44	25.00
15	QPSK	36	43	23.51	23.49	23.52	24.10
15	QPSK	75	0	23.46	23.48	23.49	24.10
15	16QAM	1	1	23.55	23.53	23.56	24.10
15	64QAM	1	1	22.17	22.18	22.20	22.60
15	256QAM	1	1	19.93	19.92	19.97	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.33	24.34	24.22	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.30	24.32	24.23	25.00

【FR1 n12_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.34	24.43	24.32	25.00
15	PI/2 BPSK	1	40	24.41	24.41	24.40	25.00
15	PI/2 BPSK	1	77	24.42	24.42	24.42	25.00
15	PI/2 BPSK	36	0	23.94	23.94	23.92	24.60
15	PI/2 BPSK	36	22	24.42	24.50	24.39	25.00
15	PI/2 BPSK	36	43	23.97	23.99	24.01	24.60
15	PI/2 BPSK	75	0	23.94	23.97	23.95	24.60
15	QPSK	1	1	24.29	24.29	24.24	25.00
15	QPSK	1	40	24.46	24.45	24.47	25.00

15	QPSK	1	77	24.49	24.49	24.48	25.00
15	QPSK	36	0	23.46	23.46	23.43	24.10
15	QPSK	36	22	24.47	24.45	24.44	25.00
15	QPSK	36	43	23.51	23.49	23.52	24.10
15	QPSK	75	0	23.46	23.48	23.49	24.10
15	16QAM	1	1	23.55	23.53	23.56	24.10
15	64QAM	1	1	22.17	22.18	22.20	22.60
15	256QAM	1	1	19.93	19.92	19.97	20.60
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.33	24.34	24.22	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.30	24.32	24.23	25.00

【FR1 n13_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.58		25.10
10	PI/2 BPSK	1	26		24.53		25.10
10	PI/2 BPSK	1	50		24.57		25.10
10	PI/2 BPSK	25	0		24.09		24.60
10	PI/2 BPSK	25	14		24.60		25.10
10	PI/2 BPSK	25	27		24.09		24.60
10	PI/2 BPSK	50	0		24.03		24.60
10	QPSK	1	1		24.55		25.10
10	QPSK	1	26		24.50		25.10
10	QPSK	1	50		24.53		25.10
10	QPSK	25	0		23.52		24.10
10	QPSK	25	14		24.62		25.10
10	QPSK	25	27		23.58		24.10
10	QPSK	50	0		23.58		24.10
10	16QAM	1	1		23.56		24.10
10	64QAM	1	1		22.11		22.60
10	256QAM	1	1		20.03		20.60
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	24.39	24.51	24.46	25.10

【FR1 n13_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.58		25.10
10	PI/2 BPSK	1	26		24.53		25.10
10	PI/2 BPSK	1	50		24.57		25.10
10	PI/2 BPSK	25	0		24.09		24.60
10	PI/2 BPSK	25	14		24.60		25.10
10	PI/2 BPSK	25	27		24.09		24.60
10	PI/2 BPSK	50	0		24.03		24.60
10	QPSK	1	1		24.55		25.10
10	QPSK	1	26		24.50		25.10
10	QPSK	1	50		24.53		25.10
10	QPSK	25	0		23.52		24.10
10	QPSK	25	14		24.62		25.10
10	QPSK	25	27		23.58		24.10
10	QPSK	50	0		23.58		24.10
10	16QAM	1	1		23.56		24.10
10	64QAM	1	1		22.11		22.60
10	256QAM	1	1		20.03		20.60
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	24.39	24.51	24.46	25.10

【FR1 n13_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		21.91		23.10
10	PI/2 BPSK	1	26		21.88		23.10
10	PI/2 BPSK	1	50		21.92		23.10
10	PI/2 BPSK	25	0		21.90		23.10
10	PI/2 BPSK	25	14		21.94		23.10
10	PI/2 BPSK	25	27		21.93		23.10
10	PI/2 BPSK	50	0		21.90		23.10
10	QPSK	1	1		21.87		23.10
10	QPSK	1	26		21.90		23.10
10	QPSK	1	50		21.87		23.10
10	QPSK	25	0		21.90		23.10
10	QPSK	25	14		21.91		23.10
10	QPSK	25	27		21.90		23.10
10	QPSK	50	0		21.84		23.10
10	16QAM	1	1		21.89		23.10
10	64QAM	1	1		21.83		22.60
10	256QAM	1	1		19.72		20.60
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	21.84	21.88	21.87	23.10

【FR1 n13_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		20.95		21.60
10	PI/2 BPSK	1	26		20.93		21.60
10	PI/2 BPSK	1	50		20.94		21.60
10	PI/2 BPSK	25	0		20.95		21.60
10	PI/2 BPSK	25	14		20.96		21.60
10	PI/2 BPSK	25	27		21.01		21.60
10	PI/2 BPSK	50	0		20.91		21.60
10	QPSK	1	1		20.89		21.60
10	QPSK	1	26		20.92		21.60
10	QPSK	1	50		20.95		21.60
10	QPSK	25	0		20.90		21.60
10	QPSK	25	14		21.02		21.60
10	QPSK	25	27		20.96		21.60
10	QPSK	50	0		20.95		21.60
10	16QAM	1	1		21.03		21.60
10	64QAM	1	1		21.05		21.60
10	256QAM	1	1		19.83		20.60
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	20.93	20.96	20.91	21.60

【FR1 n13_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		20.95		21.60
10	PI/2 BPSK	1	26		20.93		21.60
10	PI/2 BPSK	1	50		20.94		21.60
10	PI/2 BPSK	25	0		20.95		21.60
10	PI/2 BPSK	25	14		20.96		21.60
10	PI/2 BPSK	25	27		21.01		21.60
10	PI/2 BPSK	50	0		20.91		21.60
10	QPSK	1	1		20.89		21.60

10	QPSK	1	26		20.92		21.60
10	QPSK	1	50		20.95		21.60
10	QPSK	25	0		20.90		21.60
10	QPSK	25	14		21.02		21.60
10	QPSK	25	27		20.96		21.60
10	QPSK	50	0		20.95		21.60
10	16QAM	1	1		21.03		21.60
10	64QAM	1	1		21.05		21.60
10	256QAM	1	1		19.83		20.60
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	20.93	20.96	20.91	21.60

【FR1 n13_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.52		24.90
10	PI/2 BPSK	1	26		23.46		24.90
10	PI/2 BPSK	1	50		23.55		24.90
10	PI/2 BPSK	25	0		23.52		24.60
10	PI/2 BPSK	25	14		23.60		24.90
10	PI/2 BPSK	25	27		23.57		24.60
10	PI/2 BPSK	50	0		23.55		24.60
10	QPSK	1	1		23.44		24.90
10	QPSK	1	26		23.45		24.90
10	QPSK	1	50		23.46		24.90
10	QPSK	25	0		23.24		24.10
10	QPSK	25	14		23.58		24.90
10	QPSK	25	27		23.31		24.10
10	QPSK	50	0		23.31		24.10
10	16QAM	1	1		23.33		24.10
10	64QAM	1	1		21.84		22.60
10	256QAM	1	1		19.67		20.60
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.51	23.51	23.46	24.90

【FR1 n13_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.52		23.80
10	PI/2 BPSK	1	26		23.46		23.80
10	PI/2 BPSK	1	50		23.55		23.80
10	PI/2 BPSK	25	0		23.52		23.80
10	PI/2 BPSK	25	14		23.60		23.80
10	PI/2 BPSK	25	27		23.57		23.80
10	PI/2 BPSK	50	0		23.55		23.80
10	QPSK	1	1		23.44		23.80
10	QPSK	1	26		23.45		23.80
10	QPSK	1	50		23.46		23.80
10	QPSK	25	0		23.24		23.80
10	QPSK	25	14		23.58		23.80
10	QPSK	25	27		23.31		23.80
10	QPSK	50	0		23.31		23.80
10	16QAM	1	1		23.33		23.80
10	64QAM	1	1		21.84		22.60
10	256QAM	1	1		19.67		20.60
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.51	23.51	23.46	23.80

【FR1 n13_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.23		25.10
10	PI/2 BPSK	1	26		24.18		25.10
10	PI/2 BPSK	1	50		24.22		25.10
10	PI/2 BPSK	25	0		23.70		24.60
10	PI/2 BPSK	25	14		24.24		25.10
10	PI/2 BPSK	25	27		23.76		24.60
10	PI/2 BPSK	50	0		23.76		24.60
10	QPSK	1	1		24.16		25.10
10	QPSK	1	26		24.16		25.10
10	QPSK	1	50		24.14		25.10
10	QPSK	25	0		23.22		24.10
10	QPSK	25	14		24.26		25.10
10	QPSK	25	27		23.30		24.10
10	QPSK	50	0		23.29		24.10
10	16QAM	1	1		23.29		24.10
10	64QAM	1	1		21.85		22.60
10	256QAM	1	1		19.67		20.60
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	24.17	24.20	24.13	25.10

【FR1 n13_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.52		23.80
10	PI/2 BPSK	1	26		23.46		23.80
10	PI/2 BPSK	1	50		23.55		23.80
10	PI/2 BPSK	25	0		23.52		23.80
10	PI/2 BPSK	25	14		23.60		23.80
10	PI/2 BPSK	25	27		23.57		23.80
10	PI/2 BPSK	50	0		23.55		23.80
10	QPSK	1	1		23.44		23.80
10	QPSK	1	26		23.45		23.80
10	QPSK	1	50		23.46		23.80
10	QPSK	25	0		23.24		23.80
10	QPSK	25	14		23.58		23.80
10	QPSK	25	27		23.31		23.80
10	QPSK	50	0		23.31		23.80
10	16QAM	1	1		23.33		23.80
10	64QAM	1	1		21.84		22.60
10	256QAM	1	1		19.67		20.60
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	23.51	23.51	23.46	23.80

【FR1 n13_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.52		23.80
10	PI/2 BPSK	1	26		23.46		23.80
10	PI/2 BPSK	1	50		23.55		23.80
10	PI/2 BPSK	25	0		23.52		23.80
10	PI/2 BPSK	25	14		23.60		23.80
10	PI/2 BPSK	25	27		23.57		23.80
10	PI/2 BPSK	50	0		23.55		23.80
10	QPSK	1	1		23.44		23.80
10	QPSK	1	26		23.45		23.80
10	QPSK	1	50		23.46		23.80
10	QPSK	25	0		23.24		23.80

10	QPSK	25	14		23.58		23.80
10	QPSK	25	27		23.31		23.80
10	QPSK	50	0		23.31		23.80
10	16QAM	1	1		23.33		23.80
10	64QAM	1	1		21.84		22.60
10	256QAM	1	1		19.67		20.60
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	23.51	23.51	23.46	23.80

【FR1 n14_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.62		25.10
10	PI/2 BPSK	1	26		24.54		25.10
10	PI/2 BPSK	1	50		24.51		25.10
10	PI/2 BPSK	25	0		24.14		24.60
10	PI/2 BPSK	25	14		24.53		25.10
10	PI/2 BPSK	25	27		24.07		24.60
10	PI/2 BPSK	50	0		24.10		24.60
10	QPSK	1	1		24.55		25.10
10	QPSK	1	26		24.52		25.10
10	QPSK	1	50		24.48		25.10
10	QPSK	25	0		23.66		24.10
10	QPSK	25	14		24.57		25.10
10	QPSK	25	27		23.60		24.10
10	QPSK	50	0		23.61		24.10
10	16QAM	1	1		23.84		24.10
10	64QAM	1	1		22.20		22.60
10	256QAM	1	1		20.05		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.57	24.58	24.51	25.10

【FR1 n14_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.62		25.10
10	PI/2 BPSK	1	26		24.54		25.10
10	PI/2 BPSK	1	50		24.51		25.10
10	PI/2 BPSK	25	0		24.14		24.60
10	PI/2 BPSK	25	14		24.53		25.10
10	PI/2 BPSK	25	27		24.07		24.60
10	PI/2 BPSK	50	0		24.10		24.60
10	QPSK	1	1		24.55		25.10
10	QPSK	1	26		24.52		25.10
10	QPSK	1	50		24.48		25.10
10	QPSK	25	0		23.66		24.10
10	QPSK	25	14		24.57		25.10
10	QPSK	25	27		23.60		24.10
10	QPSK	50	0		23.61		24.10
10	16QAM	1	1		23.84		24.10
10	64QAM	1	1		22.20		22.60
10	256QAM	1	1		20.05		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.57	24.58	24.51	25.10

【FR1 n14_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		22.02		22.90
10	PI/2 BPSK	1	26		21.93		22.90
10	PI/2 BPSK	1	50		21.91		22.90
10	PI/2 BPSK	25	0		22.04		22.90
10	PI/2 BPSK	25	14		21.96		22.90
10	PI/2 BPSK	25	27		21.98		22.90
10	PI/2 BPSK	50	0		22.00		22.90
10	QPSK	1	1		21.96		22.90
10	QPSK	1	26		21.88		22.90
10	QPSK	1	50		21.89		22.90
10	QPSK	25	0		22.04		22.90
10	QPSK	25	14		21.97		22.90
10	QPSK	25	27		21.99		22.90
10	QPSK	50	0		22.01		22.90
10	16QAM	1	1		22.00		22.90
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.85		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.98	21.99	21.96	22.90

【FR1 n14_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		22.02		22.90
10	PI/2 BPSK	1	26		21.93		22.90
10	PI/2 BPSK	1	50		21.91		22.90
10	PI/2 BPSK	25	0		22.04		22.90
10	PI/2 BPSK	25	14		21.96		22.90
10	PI/2 BPSK	25	27		21.98		22.90
10	PI/2 BPSK	50	0		22.00		22.90
10	QPSK	1	1		21.96		22.90
10	QPSK	1	26		21.88		22.90
10	QPSK	1	50		21.89		22.90
10	QPSK	25	0		22.04		22.90
10	QPSK	25	14		21.97		22.90
10	QPSK	25	27		21.99		22.90
10	QPSK	50	0		22.01		22.90
10	16QAM	1	1		22.00		22.90
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.85		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.98	21.99	21.96	22.90

【FR1 n14_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		22.02		22.90
10	PI/2 BPSK	1	26		21.93		22.90
10	PI/2 BPSK	1	50		21.91		22.90
10	PI/2 BPSK	25	0		22.04		22.90
10	PI/2 BPSK	25	14		21.96		22.90
10	PI/2 BPSK	25	27		21.98		22.90
10	PI/2 BPSK	50	0		22.00		22.90
10	QPSK	1	1		21.96		22.90
10	QPSK	1	26		21.88		22.90
10	QPSK	1	50		21.89		22.90
10	QPSK	25	0		22.04		22.90
10	QPSK	25	14		21.97		22.90
10	QPSK	25	27		21.99		22.90

10	QPSK	50	0		22.01		22.90
10	16QAM	1	1		22.00		22.90
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.85		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.98	21.99	21.96	22.90

【FR1 n14_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.18		23.00
10	PI/2 BPSK	1	26		21.12		23.00
10	PI/2 BPSK	1	50		21.13		23.00
10	PI/2 BPSK	25	0		21.11		23.00
10	PI/2 BPSK	25	14		21.10		23.00
10	PI/2 BPSK	25	27		21.10		23.00
10	PI/2 BPSK	50	0		21.11		23.00
10	QPSK	1	1		21.12		23.00
10	QPSK	1	26		21.13		23.00
10	QPSK	1	50		21.12		23.00
10	QPSK	25	0		21.13		23.00
10	QPSK	25	14		21.15		23.00
10	QPSK	25	27		21.12		23.00
10	QPSK	50	0		21.14		23.00
10	16QAM	1	1		21.23		23.00
10	64QAM	1	1		21.16		22.60
10	256QAM	1	1		19.31		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.15	21.17	21.13	23.00

【FR1 n14_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.18		22.20
10	PI/2 BPSK	1	26		21.12		22.20
10	PI/2 BPSK	1	50		21.13		22.20
10	PI/2 BPSK	25	0		21.11		22.20
10	PI/2 BPSK	25	14		21.10		22.20
10	PI/2 BPSK	25	27		21.10		22.20
10	PI/2 BPSK	50	0		21.11		22.20
10	QPSK	1	1		21.12		22.20
10	QPSK	1	26		21.13		22.20
10	QPSK	1	50		21.12		22.20
10	QPSK	25	0		21.13		22.20
10	QPSK	25	14		21.15		22.20
10	QPSK	25	27		21.12		22.20
10	QPSK	50	0		21.14		22.20
10	16QAM	1	1		21.23		22.20
10	64QAM	1	1		21.16		22.20
10	256QAM	1	1		19.31		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.15	21.17	21.13	22.20

【FR1 n14_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.57		25.00
10	PI/2 BPSK	1	26		23.44		25.00
10	PI/2 BPSK	1	50		23.52		25.00
10	PI/2 BPSK	25	0		23.49		24.50
10	PI/2 BPSK	25	14		23.53		25.00
10	PI/2 BPSK	25	27		23.50		24.50
10	PI/2 BPSK	50	0		23.53		24.50
10	QPSK	1	1		23.45		25.00
10	QPSK	1	26		23.36		25.00
10	QPSK	1	50		23.48		25.00
10	QPSK	25	0		23.38		24.00
10	QPSK	25	14		23.25		25.00
10	QPSK	25	27		23.43		24.00
10	QPSK	50	0		23.41		24.00
10	16QAM	1	1		23.42		24.00
10	64QAM	1	1		21.82		22.60
10	256QAM	1	1		19.67		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	23.55	23.56	23.51	25.00

【FR1 n14_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.18		22.60
10	PI/2 BPSK	1	26		21.12		22.60
10	PI/2 BPSK	1	50		21.13		22.60
10	PI/2 BPSK	25	0		21.11		22.60
10	PI/2 BPSK	25	14		21.10		22.60
10	PI/2 BPSK	25	27		21.10		22.60
10	PI/2 BPSK	50	0		21.11		22.60
10	QPSK	1	1		21.12		22.60
10	QPSK	1	26		21.13		22.60
10	QPSK	1	50		21.12		22.60
10	QPSK	25	0		21.13		22.60
10	QPSK	25	14		21.15		22.60
10	QPSK	25	27		21.12		22.60
10	QPSK	50	0		21.14		22.60
10	16QAM	1	1		21.23		22.60
10	64QAM	1	1		21.16		22.60
10	256QAM	1	1		19.31		20.60
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.15	21.17	21.13	22.60

【FR1 n14_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.18		22.60
10	PI/2 BPSK	1	26		21.12		22.60
10	PI/2 BPSK	1	50		21.13		22.60
10	PI/2 BPSK	25	0		21.11		22.60
10	PI/2 BPSK	25	14		21.10		22.60
10	PI/2 BPSK	25	27		21.10		22.60
10	PI/2 BPSK	50	0		21.11		22.60
10	QPSK	1	1		21.12		22.60
10	QPSK	1	26		21.13		22.60
10	QPSK	1	50		21.12		22.60
10	QPSK	25	0		21.13		22.60
10	QPSK	25	14		21.15		22.60
10	QPSK	25	27		21.12		22.60
10	QPSK	50	0		21.14		22.60
10	16QAM	1	1		21.23		22.60

10	64QAM	1	1		21.16		22.60
10	256QAM	1	1		19.31		20.60
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	21.15	21.17	21.13	22.60

【FR1 n25_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.06	24.05	24.07	25.00
40	PI/2 BPSK	1	108	24.06	24.04	24.00	25.00
40	PI/2 BPSK	1	214	23.96	23.95	24.05	25.00
40	PI/2 BPSK	108	0	23.59	23.57	23.60	24.50
40	PI/2 BPSK	108	54	24.10	24.02	24.08	25.00
40	PI/2 BPSK	108	108	23.56	23.44	23.52	24.50
40	PI/2 BPSK	216	0	23.56	23.48	23.57	24.50
40	QPSK	1	1	24.12	24.01	24.05	25.00
40	QPSK	1	108	24.10	24.08	24.11	25.00
40	QPSK	1	214	23.97	23.97	24.08	25.00
40	QPSK	108	0	23.09	23.07	23.07	24.00
40	QPSK	108	54	24.14	24.07	24.08	25.00
40	QPSK	108	108	23.04	22.89	23.01	24.00
40	QPSK	216	0	23.06	23.00	23.09	24.00
40	16QAM	1	1	22.96	23.08	23.12	24.00
40	64QAM	1	1	21.41	21.59	21.59	22.50
40	256QAM	1	1	19.51	19.53	19.52	20.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.94	24.01	23.93	25.00
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.02	23.93	24.01	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	23.94	24.00	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.02	24.02	23.99	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.92	24.01	24.06	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.00	23.94	24.00	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.00	24.02	24.05	25.00

【FR1 n25_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.06	24.05	24.07	25.00
40	PI/2 BPSK	1	108	24.06	24.04	24.00	25.00
40	PI/2 BPSK	1	214	23.96	23.95	24.05	25.00
40	PI/2 BPSK	108	0	23.59	23.57	23.60	24.50
40	PI/2 BPSK	108	54	24.10	24.02	24.08	25.00
40	PI/2 BPSK	108	108	23.56	23.44	23.52	24.50
40	PI/2 BPSK	216	0	23.56	23.48	23.57	24.50
40	QPSK	1	1	24.12	24.01	24.05	25.00
40	QPSK	1	108	24.10	24.08	24.11	25.00
40	QPSK	1	214	23.97	23.97	24.08	25.00
40	QPSK	108	0	23.09	23.07	23.07	24.00

40	QPSK	108	54	24.14	24.07	24.08	25.00
40	QPSK	108	108	23.04	22.89	23.01	24.00
40	QPSK	216	0	23.06	23.00	23.09	24.00
40	16QAM	1	1	22.96	23.08	23.12	24.00
40	64QAM	1	1	21.41	21.59	21.59	22.50
40	256QAM	1	1	19.51	19.53	19.52	20.50
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	23.94	24.01	23.93	25.00
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	24.02	23.93	24.01	25.00
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	23.94	23.94	24.00	25.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.02	24.02	23.99	25.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	23.92	24.01	24.06	25.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.00	23.94	24.00	25.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.00	24.02	24.05	25.00

【FR1 n25_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	15.27	15.29	15.26	16.40
40	PI/2 BPSK	1	108	15.25	15.15	15.20	16.40
40	PI/2 BPSK	1	214	15.25	15.19	15.13	16.40
40	PI/2 BPSK	108	0	15.26	15.27	15.22	16.40
40	PI/2 BPSK	108	54	15.23	15.25	15.21	16.40
40	PI/2 BPSK	108	108	15.24	15.16	15.22	16.40
40	PI/2 BPSK	216	0	15.25	15.17	15.18	16.40
40	QPSK	1	1	15.03	15.17	15.17	16.40
40	QPSK	1	108	15.17	15.12	15.16	16.40
40	QPSK	1	214	15.09	15.07	15.02	16.40
40	QPSK	108	0	15.24	15.28	15.23	16.40
40	QPSK	108	54	15.24	15.25	15.25	16.40
40	QPSK	108	108	15.26	15.16	15.24	16.40
40	QPSK	216	0	15.24	15.19	15.23	16.40
40	16QAM	1	1	15.26	15.21	15.12	16.40
40	64QAM	1	1	15.20	15.28	15.21	16.40
40	256QAM	1	1	15.21	15.12	15.14	16.40
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	15.12	15.25	15.21	16.40
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	15.17	15.18	15.12	16.40
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	15.17	15.25	15.16	16.40
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	15.20	15.22	15.12	16.40
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.19	15.23	16.40
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	15.19	15.26	15.14	16.40
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	15.15	15.22	15.21	16.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	15.27	15.29	15.26	15.30
40	PI/2 BPSK	1	108	15.25	15.15	15.20	15.30
40	PI/2 BPSK	1	214	15.25	15.19	15.13	15.30
40	PI/2 BPSK	108	0	15.26	15.27	15.22	15.30
40	PI/2 BPSK	108	54	15.23	15.25	15.21	15.30
40	PI/2 BPSK	108	108	15.24	15.16	15.22	15.30
40	PI/2 BPSK	216	0	15.25	15.17	15.18	15.30
40	QPSK	1	1	15.03	15.17	15.17	15.30
40	QPSK	1	108	15.17	15.12	15.16	15.30
40	QPSK	1	214	15.09	15.07	15.02	15.30
40	QPSK	108	0	15.24	15.28	15.23	15.30
40	QPSK	108	54	15.24	15.25	15.25	15.30
40	QPSK	108	108	15.26	15.16	15.24	15.30
40	QPSK	216	0	15.24	15.19	15.23	15.30
40	16QAM	1	1	15.26	15.21	15.12	15.30
40	64QAM	1	1	15.20	15.28	15.21	15.30
40	256QAM	1	1	15.21	15.12	15.14	15.30
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.12	15.25	15.21	15.30
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	15.17	15.18	15.12	15.30
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	15.17	15.25	15.16	15.30
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	15.20	15.22	15.12	15.30
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	15.16	15.19	15.23	15.30
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	15.19	15.26	15.14	15.30
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	15.15	15.22	15.21	15.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	15.27	15.29	15.26	15.30
40	PI/2 BPSK	1	108	15.25	15.15	15.20	15.30
40	PI/2 BPSK	1	214	15.25	15.19	15.13	15.30
40	PI/2 BPSK	108	0	15.26	15.27	15.22	15.30
40	PI/2 BPSK	108	54	15.23	15.25	15.21	15.30
40	PI/2 BPSK	108	108	15.24	15.16	15.22	15.30
40	PI/2 BPSK	216	0	15.25	15.17	15.18	15.30
40	QPSK	1	1	15.03	15.17	15.17	15.30
40	QPSK	1	108	15.17	15.12	15.16	15.30
40	QPSK	1	214	15.09	15.07	15.02	15.30
40	QPSK	108	0	15.24	15.28	15.23	15.30
40	QPSK	108	54	15.24	15.25	15.25	15.30
40	QPSK	108	108	15.26	15.16	15.24	15.30
40	QPSK	216	0	15.24	15.19	15.23	15.30
40	16QAM	1	1	15.26	15.21	15.12	15.30
40	64QAM	1	1	15.20	15.28	15.21	15.30
40	256QAM	1	1	15.21	15.12	15.14	15.30
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.12	15.25	15.21	15.30
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	15.17	15.18	15.12	15.30

Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	15.17	15.25	15.16	15.30
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	15.20	15.22	15.12	15.30
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.19	15.23	15.30
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	15.19	15.26	15.14	15.30
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	15.15	15.22	15.21	15.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.00	18.12	18.12	19.40
40	PI/2 BPSK	1	108	18.10	18.14	18.09	19.40
40	PI/2 BPSK	1	214	18.00	18.03	18.12	19.40
40	PI/2 BPSK	108	0	18.12	18.14	18.20	19.40
40	PI/2 BPSK	108	54	18.17	18.09	18.12	19.40
40	PI/2 BPSK	108	108	18.13	18.04	18.12	19.40
40	PI/2 BPSK	216	0	18.05	18.03	18.16	19.40
40	QPSK	1	1	17.85	18.05	18.06	19.40
40	QPSK	1	108	18.08	18.09	18.05	19.40
40	QPSK	1	214	17.99	17.92	17.98	19.40
40	QPSK	108	0	18.09	18.17	18.24	19.40
40	QPSK	108	54	18.15	18.09	18.13	19.40
40	QPSK	108	108	18.13	18.05	18.15	19.40
40	QPSK	216	0	18.08	18.10	18.18	19.40
40	16QAM	1	1	18.25	18.22	18.30	19.40
40	64QAM	1	1	18.22	18.32	18.33	19.40
40	256QAM	1	1	18.11	18.09	18.03	19.40
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	17.87	18.07	18.06	19.40
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	17.86	18.07	18.09	19.40
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.85	18.07	18.06	19.40
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.97	18.00	18.09	19.40
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.88	18.08	18.03	19.40
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.90	18.00	18.09	19.40
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.97	18.02	18.09	19.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.00	18.12	18.12	18.60

40	PI/2 BPSK	1	108	18.10	18.14	18.09	18.60
40	PI/2 BPSK	1	214	18.00	18.03	18.12	18.60
40	PI/2 BPSK	108	0	18.12	18.14	18.20	18.60
40	PI/2 BPSK	108	54	18.17	18.09	18.12	18.60
40	PI/2 BPSK	108	108	18.13	18.04	18.12	18.60
40	PI/2 BPSK	216	0	18.05	18.03	18.16	18.60
40	QPSK	1	1	17.85	18.05	18.06	18.60
40	QPSK	1	108	18.08	18.09	18.05	18.60
40	QPSK	1	214	17.99	17.92	17.98	18.60
40	QPSK	108	0	18.09	18.17	18.24	18.60
40	QPSK	108	54	18.15	18.09	18.13	18.60
40	QPSK	108	108	18.13	18.05	18.15	18.60
40	QPSK	216	0	18.08	18.10	18.18	18.60
40	16QAM	1	1	18.25	18.22	18.30	18.60
40	64QAM	1	1	18.22	18.32	18.33	18.60
40	256QAM	1	1	18.11	18.09	18.03	18.60
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.87	18.07	18.06	18.60
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.86	18.07	18.09	18.60
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.85	18.07	18.06	18.60
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.97	18.00	18.09	18.60
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.88	18.08	18.03	18.60
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.90	18.00	18.09	18.60
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.97	18.02	18.09	18.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.53	19.72	19.83	20.80
40	PI/2 BPSK	1	108	19.78	19.83	19.85	20.80
40	PI/2 BPSK	1	214	19.84	19.68	19.92	20.80
40	PI/2 BPSK	108	0	19.76	19.84	19.94	20.80
40	PI/2 BPSK	108	54	19.78	19.85	19.93	20.80
40	PI/2 BPSK	108	108	19.80	19.84	19.91	20.80
40	PI/2 BPSK	216	0	19.74	19.83	19.89	20.80
40	QPSK	1	1	19.40	19.63	19.86	20.80
40	QPSK	1	108	19.80	19.78	19.93	20.80
40	QPSK	1	214	19.89	19.64	19.99	20.80
40	QPSK	108	0	19.73	19.87	19.94	20.80
40	QPSK	108	54	19.83	19.84	19.92	20.80
40	QPSK	108	108	19.78	19.86	19.89	20.80
40	QPSK	216	0	19.74	19.84	19.92	20.80
40	16QAM	1	1	19.87	19.90	20.14	20.80
40	64QAM	1	1	19.78	19.84	20.03	20.80
40	256QAM	1	1	19.30	19.37	19.54	20.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.40	19.61	19.69	20.80
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.40	19.70	19.80	20.80
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.50	19.69	19.70	20.80
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.44	19.68	19.76	20.80
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	

15	PI/2 BPSK	1	1	19.42	19.69	19.72	20.80
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.40	19.70	19.75	20.80
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.47	19.60	19.78	20.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.53	19.72	19.83	20.10
40	PI/2 BPSK	1	108	19.78	19.83	19.85	20.10
40	PI/2 BPSK	1	214	19.84	19.68	19.92	20.10
40	PI/2 BPSK	108	0	19.76	19.84	19.94	20.10
40	PI/2 BPSK	108	54	19.78	19.85	19.93	20.10
40	PI/2 BPSK	108	108	19.80	19.84	19.91	20.10
40	PI/2 BPSK	216	0	19.74	19.83	19.89	20.10
40	QPSK	1	1	19.40	19.63	19.86	20.10
40	QPSK	1	108	19.80	19.78	19.93	20.10
40	QPSK	1	214	19.89	19.64	19.99	20.10
40	QPSK	108	0	19.73	19.87	19.94	20.10
40	QPSK	108	54	19.83	19.84	19.92	20.10
40	QPSK	108	108	19.78	19.86	19.89	20.10
40	QPSK	216	0	19.74	19.84	19.92	20.10
40	16QAM	1	1	19.87	19.90	20.10	20.10
40	64QAM	1	1	19.78	19.84	20.03	20.10
40	256QAM	1	1	19.30	19.37	19.54	20.10
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	19.40	19.61	19.69	20.10
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.40	19.70	19.80	20.10
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.50	19.69	19.70	20.10
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.44	19.68	19.76	20.10
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.42	19.69	19.72	20.10
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.40	19.70	19.75	20.10
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.47	19.60	19.78	20.10

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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				374000	376500	379000	Tune-up limit
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.53	19.72	19.83	20.10
40	PI/2 BPSK	1	108	19.78	19.83	19.85	20.10
40	PI/2 BPSK	1	214	19.84	19.68	19.92	20.10
40	PI/2 BPSK	108	0	19.76	19.84	19.94	20.10
40	PI/2 BPSK	108	54	19.78	19.85	19.93	20.10
40	PI/2 BPSK	108	108	19.80	19.84	19.91	20.10
40	PI/2 BPSK	216	0	19.74	19.83	19.89	20.10
40	QPSK	1	1	19.40	19.63	19.86	20.10
40	QPSK	1	108	19.80	19.78	19.93	20.10
40	QPSK	1	214	19.89	19.64	19.99	20.10
40	QPSK	108	0	19.73	19.87	19.94	20.10
40	QPSK	108	54	19.83	19.84	19.92	20.10
40	QPSK	108	108	19.78	19.86	19.89	20.10

40	QPSK	216	0	19.74	19.84	19.92	20.10
40	16QAM	1	1	19.87	19.90	20.10	20.10
40	64QAM	1	1	19.78	19.84	20.03	20.10
40	256QAM	1	1	19.30	19.37	19.54	20.10
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	19.40	19.61	19.69	20.10
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.40	19.70	19.80	20.10
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.50	19.69	19.70	20.10
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.44	19.68	19.76	20.10
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.42	19.69	19.72	20.10
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.40	19.70	19.75	20.10
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.47	19.60	19.78	20.10

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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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.20	24.21	24.20	25.00
40	PI/2 BPSK	1	108	24.19	24.18	24.15	25.00
40	PI/2 BPSK	1	214	24.11	24.13	24.19	25.00
40	PI/2 BPSK	108	0	23.76	23.73	23.76	24.50
40	PI/2 BPSK	108	54	24.23	24.18	24.23	25.00
40	PI/2 BPSK	108	108	23.69	23.59	23.69	24.50
40	PI/2 BPSK	216	0	23.72	23.65	23.68	24.50
40	QPSK	1	1	24.26	24.17	24.20	25.00
40	QPSK	1	108	24.27	24.26	24.21	25.00
40	QPSK	1	214	24.10	24.17	24.29	25.00
40	QPSK	108	0	23.24	23.24	23.20	24.00
40	QPSK	108	54	24.30	24.22	24.22	25.00
40	QPSK	108	108	23.15	23.09	23.15	24.00
40	QPSK	216	0	23.19	23.18	23.22	24.00
40	16QAM	1	1	23.15	23.25	23.28	24.00
40	64QAM	1	1	21.58	21.71	21.71	22.50
40	256QAM	1	1	19.66	19.65	19.69	20.50
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	24.09	24.19	24.11	25.00
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	24.09	24.16	24.05	25.00
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	24.09	24.07	24.06	25.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.07	24.12	24.13	25.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	24.16	24.07	24.16	25.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.05	24.15	24.17	25.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.12	24.08	24.11	25.00

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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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.20	24.21	24.20	25.00
40	PI/2 BPSK	1	108	24.19	24.18	24.15	25.00
40	PI/2 BPSK	1	214	24.11	24.13	24.19	25.00
40	PI/2 BPSK	108	0	23.76	23.73	23.76	24.50
40	PI/2 BPSK	108	54	24.23	24.18	24.23	25.00
40	PI/2 BPSK	108	108	23.69	23.59	23.69	24.50
40	PI/2 BPSK	216	0	23.72	23.65	23.68	24.50
40	QPSK	1	1	24.26	24.17	24.20	25.00
40	QPSK	1	108	24.27	24.26	24.21	25.00
40	QPSK	1	214	24.10	24.17	24.29	25.00
40	QPSK	108	0	23.24	23.24	23.20	24.00
40	QPSK	108	54	24.30	24.22	24.22	25.00
40	QPSK	108	108	23.15	23.09	23.15	24.00
40	QPSK	216	0	23.19	23.18	23.22	24.00
40	16QAM	1	1	23.15	23.25	23.28	24.00
40	64QAM	1	1	21.58	21.71	21.71	22.50
40	256QAM	1	1	19.66	19.65	19.69	20.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.09	24.19	24.11	25.00
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.09	24.16	24.05	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.09	24.07	24.06	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.07	24.12	24.13	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.16	24.07	24.16	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.05	24.15	24.17	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.12	24.08	24.11	25.00

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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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.97	20.13	20.09	21.40
40	PI/2 BPSK	1	108	20.05	20.12	20.06	21.40
40	PI/2 BPSK	1	214	20.04	20.12	20.13	21.40
40	PI/2 BPSK	108	0	20.11	20.10	20.19	21.40
40	PI/2 BPSK	108	54	20.14	20.07	20.16	21.40
40	PI/2 BPSK	108	108	20.07	20.07	20.09	21.40
40	PI/2 BPSK	216	0	20.09	20.05	20.18	21.40
40	QPSK	1	1	19.90	20.03	19.98	21.40
40	QPSK	1	108	19.91	20.16	19.92	21.40
40	QPSK	1	214	19.94	20.02	20.03	21.40
40	QPSK	108	0	20.13	20.15	20.21	21.40
40	QPSK	108	54	20.14	20.12	20.19	21.40
40	QPSK	108	108	20.08	20.05	20.13	21.40
40	QPSK	216	0	20.10	20.12	20.19	21.40
40	16QAM	1	1	20.14	20.19	20.35	21.40
40	64QAM	1	1	20.14	20.22	20.36	21.40
40	256QAM	1	1	19.23	19.34	19.42	20.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.90	20.01	20.08	21.40
Channel				373000	376500	380000	Tune-up limit

	Frequency (MHz)			1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.92	20.01	20.00	21.40
	Channel			372500	376500	380500	Tune-up limit
	Frequency (MHz)			1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.91	20.07	20.04	21.40
	Channel			372000	376500	381000	Tune-up limit
	Frequency (MHz)			1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.91	20.01	19.97	21.40
	Channel			371500	376500	381500	Tune-up limit
	Frequency (MHz)			1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.91	19.99	20.02	21.40
	Channel			371000	376500	382000	Tune-up limit
	Frequency (MHz)			1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.91	19.99	20.04	21.40
	Channel			370500	376500	382500	Tune-up limit
	Frequency (MHz)			1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.91	20.03	20.02	21.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376500	379000	
	Frequency (MHz)			1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.97	20.13	20.09	20.50
40	PI/2 BPSK	1	108	20.05	20.12	20.06	20.50
40	PI/2 BPSK	1	214	20.04	20.12	20.13	20.50
40	PI/2 BPSK	108	0	20.11	20.10	20.19	20.50
40	PI/2 BPSK	108	54	20.14	20.07	20.16	20.50
40	PI/2 BPSK	108	108	20.07	20.07	20.09	20.50
40	PI/2 BPSK	216	0	20.09	20.05	20.18	20.50
40	QPSK	1	1	19.90	20.03	19.98	20.50
40	QPSK	1	108	19.91	20.16	19.92	20.50
40	QPSK	1	214	19.94	20.02	20.03	20.50
40	QPSK	108	0	20.13	20.15	20.21	20.50
40	QPSK	108	54	20.14	20.12	20.19	20.50
40	QPSK	108	108	20.08	20.05	20.13	20.50
40	QPSK	216	0	20.10	20.12	20.19	20.50
40	16QAM	1	1	20.14	20.19	20.35	20.50
40	64QAM	1	1	20.14	20.22	20.36	20.50
40	256QAM	1	1	19.23	19.34	19.42	20.50
	Channel			373500	376500	379500	Tune-up limit
	Frequency (MHz)			1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	19.90	20.01	20.08	20.50
	Channel			373000	376500	380000	Tune-up limit
	Frequency (MHz)			1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.92	20.01	20.00	20.50
	Channel			372500	376500	380500	Tune-up limit
	Frequency (MHz)			1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.91	20.07	20.04	20.50
	Channel			372000	376500	381000	Tune-up limit
	Frequency (MHz)			1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.91	20.01	19.97	20.50
	Channel			371500	376500	381500	Tune-up limit
	Frequency (MHz)			1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.91	19.99	20.02	20.50
	Channel			371000	376500	382000	Tune-up limit
	Frequency (MHz)			1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.91	19.99	20.04	20.50
	Channel			370500	376500	382500	Tune-up limit
	Frequency (MHz)			1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.91	20.03	20.02	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376500	379000	
	Frequency (MHz)			1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.97	20.13	20.09	20.50
40	PI/2 BPSK	1	108	20.05	20.12	20.06	20.50
40	PI/2 BPSK	1	214	20.04	20.12	20.13	20.50

40	PI/2 BPSK	108	0	20.11	20.10	20.19	20.50
40	PI/2 BPSK	108	54	20.14	20.07	20.16	20.50
40	PI/2 BPSK	108	108	20.07	20.07	20.09	20.50
40	PI/2 BPSK	216	0	20.09	20.05	20.18	20.50
40	QPSK	1	1	19.90	20.03	19.98	20.50
40	QPSK	1	108	19.91	20.16	19.92	20.50
40	QPSK	1	214	19.94	20.02	20.03	20.50
40	QPSK	108	0	20.13	20.15	20.21	20.50
40	QPSK	108	54	20.14	20.12	20.19	20.50
40	QPSK	108	108	20.08	20.05	20.13	20.50
40	QPSK	216	0	20.10	20.12	20.19	20.50
40	16QAM	1	1	20.14	20.19	20.35	20.50
40	64QAM	1	1	20.14	20.22	20.36	20.50
40	256QAM	1	1	19.23	19.34	19.42	20.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.90	20.01	20.08	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.92	20.01	20.00	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.91	20.07	20.04	20.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.91	20.01	19.97	20.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.91	19.99	20.02	20.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.91	19.99	20.04	20.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.91	20.03	20.02	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.74	16.83	16.91	18.40
40	PI/2 BPSK	1	108	16.86	16.88	16.82	18.40
40	PI/2 BPSK	1	214	16.86	16.71	16.83	18.40
40	PI/2 BPSK	108	0	16.87	16.89	16.91	18.40
40	PI/2 BPSK	108	54	16.86	16.85	16.83	18.40
40	PI/2 BPSK	108	108	16.85	16.81	16.86	18.40
40	PI/2 BPSK	216	0	16.78	16.86	16.84	18.40
40	QPSK	1	1	16.66	16.80	16.82	18.40
40	QPSK	1	108	16.83	16.85	16.87	18.40
40	QPSK	1	214	16.81	16.65	16.98	18.40
40	QPSK	108	0	16.85	16.93	16.92	18.40
40	QPSK	108	54	16.90	16.86	16.85	18.40
40	QPSK	108	108	16.85	16.83	16.85	18.40
40	QPSK	216	0	16.84	16.86	16.89	18.40
40	16QAM	1	1	16.94	16.94	17.00	18.40
40	64QAM	1	1	16.92	16.96	16.98	18.40
40	256QAM	1	1	16.88	16.85	16.98	18.40
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.60	16.69	16.78	18.40
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.63	16.78	16.80	18.40
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.69	16.73	16.81	18.40
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.63	16.75	16.82	18.40

Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	16.60	16.72	16.77	18.40
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	16.71	16.75	16.83	18.40
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	16.70	16.73	16.84	18.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	Tune-up limit
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.74	16.83	16.91	17.00
40	PI/2 BPSK	1	108	16.86	16.88	16.82	17.00
40	PI/2 BPSK	1	214	16.86	16.71	16.83	17.00
40	PI/2 BPSK	108	0	16.87	16.89	16.91	17.00
40	PI/2 BPSK	108	54	16.86	16.85	16.83	17.00
40	PI/2 BPSK	108	108	16.85	16.81	16.86	17.00
40	PI/2 BPSK	216	0	16.78	16.86	16.84	17.00
40	QPSK	1	1	16.66	16.80	16.82	17.00
40	QPSK	1	108	16.83	16.85	16.87	17.00
40	QPSK	1	214	16.81	16.65	16.98	17.00
40	QPSK	108	0	16.85	16.93	16.92	17.00
40	QPSK	108	54	16.90	16.86	16.85	17.00
40	QPSK	108	108	16.85	16.83	16.85	17.00
40	QPSK	216	0	16.84	16.86	16.89	17.00
40	16QAM	1	1	16.94	16.94	17.00	17.00
40	64QAM	1	1	16.92	16.96	16.98	17.00
40	256QAM	1	1	16.88	16.85	16.98	17.00
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	16.60	16.69	16.78	17.00
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	16.63	16.78	16.80	17.00
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	16.69	16.73	16.81	17.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	16.63	16.75	16.82	17.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	16.60	16.72	16.77	17.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	16.71	16.75	16.83	17.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	16.70	16.73	16.84	17.00

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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				374000	376500	379000	Tune-up limit
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.46	17.51	17.51	19.00
40	PI/2 BPSK	1	108	17.57	17.57	17.56	19.00
40	PI/2 BPSK	1	214	17.52	17.41	17.55	19.00
40	PI/2 BPSK	108	0	17.60	17.52	17.54	19.00
40	PI/2 BPSK	108	54	17.59	17.57	17.54	19.00
40	PI/2 BPSK	108	108	17.58	17.53	17.57	19.00
40	PI/2 BPSK	216	0	17.52	17.55	17.55	19.00
40	QPSK	1	1	17.37	17.49	17.54	19.00
40	QPSK	1	108	17.55	17.60	17.48	19.00
40	QPSK	1	214	17.52	17.31	17.42	19.00
40	QPSK	108	0	17.55	17.54	17.56	19.00

40	QPSK	108	54	17.60	17.58	17.56	19.00
40	QPSK	108	108	17.59	17.54	17.57	19.00
40	QPSK	216	0	17.58	17.57	17.54	19.00
40	16QAM	1	1	17.47	17.44	17.59	19.00
40	64QAM	1	1	17.49	17.52	17.60	19.00
40	256QAM	1	1	17.54	17.59	17.47	19.00
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	17.33	17.45	17.37	19.00
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	17.37	17.42	17.38	19.00
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.42	17.47	17.49	19.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.32	17.37	17.47	19.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.37	17.46	17.37	19.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.33	17.45	17.36	19.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.39	17.39	17.36	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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.46	17.51	17.51	17.60
40	PI/2 BPSK	1	108	17.57	17.57	17.56	17.60
40	PI/2 BPSK	1	214	17.52	17.41	17.55	17.60
40	PI/2 BPSK	108	0	17.60	17.52	17.54	17.60
40	PI/2 BPSK	108	54	17.59	17.57	17.54	17.60
40	PI/2 BPSK	108	108	17.58	17.53	17.57	17.60
40	PI/2 BPSK	216	0	17.52	17.55	17.55	17.60
40	QPSK	1	1	17.37	17.49	17.54	17.60
40	QPSK	1	108	17.55	17.60	17.48	17.60
40	QPSK	1	214	17.52	17.31	17.42	17.60
40	QPSK	108	0	17.55	17.54	17.56	17.60
40	QPSK	108	54	17.60	17.58	17.56	17.60
40	QPSK	108	108	17.59	17.54	17.57	17.60
40	QPSK	216	0	17.58	17.57	17.54	17.60
40	16QAM	1	1	17.47	17.44	17.59	17.60
40	64QAM	1	1	17.49	17.52	17.60	17.60
40	256QAM	1	1	17.54	17.59	17.47	17.60
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	17.33	17.45	17.37	17.60
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	17.37	17.42	17.38	17.60
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.42	17.47	17.49	17.60
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.32	17.37	17.47	17.60
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.37	17.46	17.37	17.60
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.33	17.45	17.36	17.60
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.39	17.39	17.36	17.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.46	17.51	17.51	17.60
40	PI/2 BPSK	1	108	17.57	17.57	17.56	17.60
40	PI/2 BPSK	1	214	17.52	17.41	17.55	17.60
40	PI/2 BPSK	108	0	17.60	17.52	17.54	17.60
40	PI/2 BPSK	108	54	17.59	17.57	17.54	17.60
40	PI/2 BPSK	108	108	17.58	17.53	17.57	17.60
40	PI/2 BPSK	216	0	17.52	17.55	17.55	17.60
40	QPSK	1	1	17.37	17.49	17.54	17.60
40	QPSK	1	108	17.55	17.60	17.48	17.60
40	QPSK	1	214	17.52	17.31	17.42	17.60
40	QPSK	108	0	17.55	17.54	17.56	17.60
40	QPSK	108	54	17.60	17.58	17.56	17.60
40	QPSK	108	108	17.59	17.54	17.57	17.60
40	QPSK	216	0	17.58	17.57	17.54	17.60
40	16QAM	1	1	17.47	17.44	17.59	17.60
40	64QAM	1	1	17.49	17.52	17.60	17.60
40	256QAM	1	1	17.54	17.59	17.47	17.60
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.33	17.45	17.37	17.60
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.37	17.42	17.38	17.60
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.42	17.47	17.49	17.60
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.32	17.37	17.47	17.60
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.37	17.46	17.37	17.60
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.33	17.45	17.36	17.60
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	17.39	17.39	17.36	17.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.43	24.42	24.39	25.10
20	PI/2 BPSK	1	53	24.45	24.40	24.46	25.10
20	PI/2 BPSK	1	104	24.43	24.37	24.39	25.10
20	PI/2 BPSK	50	0	24.02	23.97	23.99	24.60
20	PI/2 BPSK	50	28	24.51	24.46	24.51	25.10
20	PI/2 BPSK	50	56	23.95	23.97	23.93	24.60
20	PI/2 BPSK	100	0	24.00	23.99	23.98	24.60
20	QPSK	1	1	24.40	24.42	24.38	25.10
20	QPSK	1	53	24.46	24.40	24.48	25.10
20	QPSK	1	104	24.41	24.36	24.42	25.10
20	QPSK	50	0	23.51	23.49	23.52	24.10
20	QPSK	50	28	24.49	24.44	24.50	25.10
20	QPSK	50	56	23.48	23.47	23.43	24.10
20	QPSK	100	0	23.48	23.50	23.50	24.10
20	16QAM	1	1	23.56	23.44	23.51	24.10
20	64QAM	1	1	22.09	21.99	22.02	22.60
20	256QAM	1	1	19.98	19.94	19.88	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	

15	PI/2 BPSK	1	1	24.36	24.32	24.34	25.10
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.31	24.40	24.35	25.10
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.38	24.33	24.37	25.10
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	24.33	24.27	24.26	25.10

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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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.43	24.42	24.39	25.10
20	PI/2 BPSK	1	53	24.45	24.40	24.46	25.10
20	PI/2 BPSK	1	104	24.43	24.37	24.39	25.10
20	PI/2 BPSK	50	0	24.02	23.97	23.99	24.60
20	PI/2 BPSK	50	28	24.51	24.46	24.51	25.10
20	PI/2 BPSK	50	56	23.95	23.97	23.93	24.60
20	PI/2 BPSK	100	0	24.00	23.99	23.98	24.60
20	QPSK	1	1	24.40	24.42	24.38	25.10
20	QPSK	1	53	24.46	24.40	24.48	25.10
20	QPSK	1	104	24.41	24.36	24.42	25.10
20	QPSK	50	0	23.51	23.49	23.52	24.10
20	QPSK	50	28	24.49	24.44	24.50	25.10
20	QPSK	50	56	23.48	23.47	23.43	24.10
20	QPSK	100	0	23.48	23.50	23.50	24.10
20	16QAM	1	1	23.56	23.44	23.51	24.10
20	64QAM	1	1	22.09	21.99	22.02	22.60
20	256QAM	1	1	19.98	19.94	19.88	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.36	24.32	24.34	25.10
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.31	24.40	24.35	25.10
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.38	24.33	24.37	25.10
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	24.33	24.27	24.26	25.10

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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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.98	22.01	21.95	22.20
20	PI/2 BPSK	1	53	21.95	21.93	22.00	22.20
20	PI/2 BPSK	1	104	21.98	21.97	22.00	22.20
20	PI/2 BPSK	50	0	22.05	22.02	21.99	22.20
20	PI/2 BPSK	50	28	21.99	22.01	22.02	22.20
20	PI/2 BPSK	50	56	21.95	21.98	21.99	22.20
20	PI/2 BPSK	100	0	22.05	22.05	22.03	22.20
20	QPSK	1	1	21.91	21.91	21.93	22.20
20	QPSK	1	53	21.96	21.83	21.90	22.20
20	QPSK	1	104	21.96	21.87	21.88	22.20
20	QPSK	50	0	22.05	22.03	22.04	22.20
20	QPSK	50	28	21.98	21.97	22.01	22.20
20	QPSK	50	56	21.98	22.02	21.95	22.20
20	QPSK	100	0	22.05	22.01	22.03	22.20
20	16QAM	1	1	22.16	22.07	22.11	22.20
20	64QAM	1	1	21.98	21.95	21.97	22.20
20	256QAM	1	1	19.87	19.87	19.87	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	

15	PI/2 BPSK	1	1	21.84	21.95	21.84	22.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.92	21.93	21.93	22.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.92	21.97	21.92	22.20
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	21.93	21.96	21.81	22.20

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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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.98	22.01	21.95	22.30
20	PI/2 BPSK	1	53	21.95	21.93	22.00	22.30
20	PI/2 BPSK	1	104	21.98	21.97	22.00	22.30
20	PI/2 BPSK	50	0	22.05	22.02	21.99	22.30
20	PI/2 BPSK	50	28	21.99	22.01	22.02	22.30
20	PI/2 BPSK	50	56	21.95	21.98	21.99	22.30
20	PI/2 BPSK	100	0	22.05	22.05	22.03	22.30
20	QPSK	1	1	21.91	21.91	21.93	22.30
20	QPSK	1	53	21.96	21.83	21.90	22.30
20	QPSK	1	104	21.96	21.87	21.88	22.30
20	QPSK	50	0	22.05	22.03	22.04	22.30
20	QPSK	50	28	21.98	21.97	22.01	22.30
20	QPSK	50	56	21.98	22.02	21.95	22.30
20	QPSK	100	0	22.05	22.01	22.03	22.30
20	16QAM	1	1	22.16	22.07	22.11	22.30
20	64QAM	1	1	21.98	21.95	21.97	22.30
20	256QAM	1	1	19.87	19.87	19.87	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.84	21.95	21.84	22.30
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.92	21.93	21.93	22.30
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.92	21.97	21.92	22.30
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	21.93	21.96	21.81	22.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.98	22.01	21.95	22.20
20	PI/2 BPSK	1	53	21.95	21.93	22.00	22.20
20	PI/2 BPSK	1	104	21.98	21.97	22.00	22.20
20	PI/2 BPSK	50	0	22.05	22.02	21.99	22.20
20	PI/2 BPSK	50	28	21.99	22.01	22.02	22.20
20	PI/2 BPSK	50	56	21.95	21.98	21.99	22.20
20	PI/2 BPSK	100	0	22.05	22.05	22.03	22.20
20	QPSK	1	1	21.91	21.91	21.93	22.20
20	QPSK	1	53	21.96	21.83	21.90	22.20
20	QPSK	1	104	21.96	21.87	21.88	22.20
20	QPSK	50	0	22.05	22.03	22.04	22.20
20	QPSK	50	28	21.98	21.97	22.01	22.20
20	QPSK	50	56	21.98	22.02	21.95	22.20
20	QPSK	100	0	22.05	22.01	22.03	22.20
20	16QAM	1	1	22.16	22.07	22.11	22.20
20	64QAM	1	1	21.98	21.95	21.97	22.20
20	256QAM	1	1	19.87	19.87	19.87	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	

15	PI/2 BPSK	1	1	21.84	21.95	21.84	22.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.92	21.93	21.93	22.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.92	21.97	21.92	22.20
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	21.93	21.96	21.81	22.20

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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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.86	21.90	21.92	23.20
20	PI/2 BPSK	1	53	21.95	21.99	22.18	23.20
20	PI/2 BPSK	1	104	21.99	22.10	22.20	23.20
20	PI/2 BPSK	50	0	21.93	22.04	22.04	23.20
20	PI/2 BPSK	50	28	21.95	22.04	22.15	23.20
20	PI/2 BPSK	50	56	21.97	22.12	22.27	23.20
20	PI/2 BPSK	100	0	21.94	22.07	22.15	23.20
20	QPSK	1	1	21.77	21.87	21.90	23.20
20	QPSK	1	53	21.87	21.93	22.11	23.20
20	QPSK	1	104	21.96	22.00	22.20	23.20
20	QPSK	50	0	21.95	22.04	22.02	23.20
20	QPSK	50	28	21.99	22.00	22.17	23.20
20	QPSK	50	56	21.98	22.16	22.27	23.20
20	QPSK	100	0	21.98	22.07	22.17	23.20
20	16QAM	1	1	21.96	22.10	22.09	23.20
20	64QAM	1	1	21.76	21.97	21.95	22.60
20	256QAM	1	1	19.61	19.80	19.81	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.83	21.76	21.83	23.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.71	21.80	21.86	23.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.81	21.85	21.86	23.20
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	21.84	21.76	21.85	23.20

【FR1 n26_FCC_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	20.68	20.72	20.73	22.10
20	PI/2 BPSK	1	53	20.66	20.75	20.73	22.10
20	PI/2 BPSK	1	104	20.68	20.96	20.71	22.10
20	PI/2 BPSK	50	0	20.67	20.83	20.69	22.10
20	PI/2 BPSK	50	28	20.61	20.77	20.73	22.10
20	PI/2 BPSK	50	56	20.67	21.01	20.73	22.10
20	PI/2 BPSK	100	0	20.68	20.88	20.72	22.10
20	QPSK	1	1	20.62	20.71	20.68	22.10
20	QPSK	1	53	20.67	20.80	20.67	22.10
20	QPSK	1	104	20.68	20.79	20.73	22.10
20	QPSK	50	0	20.68	20.85	20.71	22.10
20	QPSK	50	28	20.67	20.78	20.70	22.10
20	QPSK	50	56	20.68	20.90	20.71	22.10
20	QPSK	100	0	20.67	20.84	20.72	22.10
20	16QAM	1	1	20.68	20.97	20.73	22.10

20	64QAM	1	1	20.61	20.74	20.73	22.10
20	256QAM	1	1	19.40	19.57	19.51	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.54	20.69	20.60	22.10
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	20.54	20.58	20.62	22.10
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.62	20.67	20.68	22.10
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	20.54	20.62	20.61	22.10

【FR1 n26_FCC_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.17	23.37	23.35	24.00
20	PI/2 BPSK	1	53	23.13	23.19	23.34	24.00
20	PI/2 BPSK	1	104	23.16	23.26	23.30	24.00
20	PI/2 BPSK	50	0	23.11	23.20	23.21	24.00
20	PI/2 BPSK	50	28	23.16	23.29	23.31	24.00
20	PI/2 BPSK	50	56	23.15	23.25	23.29	24.00
20	PI/2 BPSK	100	0	23.11	23.35	23.33	24.00
20	QPSK	1	1	22.95	23.02	23.10	24.00
20	QPSK	1	53	23.04	23.16	23.29	24.00
20	QPSK	1	104	23.11	23.17	23.27	24.00
20	QPSK	50	0	23.09	23.22	23.23	24.00
20	QPSK	50	28	23.12	23.20	23.32	24.00
20	QPSK	50	56	23.11	23.34	23.30	24.00
20	QPSK	100	0	23.16	23.22	23.35	24.00
20	16QAM	1	1	23.09	23.26	23.22	24.00
20	64QAM	1	1	21.78	21.94	21.95	22.60
20	256QAM	1	1	19.59	19.79	19.80	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.08	23.27	23.26	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.12	23.23	23.25	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.10	23.30	23.24	24.00
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.07	23.33	23.31	24.00

【FR1 n26_FCC_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.17	23.37	23.35	24.70
20	PI/2 BPSK	1	53	23.13	23.19	23.34	24.70
20	PI/2 BPSK	1	104	23.16	23.26	23.30	24.70
20	PI/2 BPSK	50	0	23.11	23.20	23.21	24.60
20	PI/2 BPSK	50	28	23.16	23.29	23.31	24.70
20	PI/2 BPSK	50	56	23.15	23.25	23.29	24.60
20	PI/2 BPSK	100	0	23.11	23.35	23.33	24.60
20	QPSK	1	1	22.95	23.02	23.10	24.70
20	QPSK	1	53	23.04	23.16	23.29	24.70
20	QPSK	1	104	23.11	23.17	23.27	24.70
20	QPSK	50	0	23.09	23.22	23.23	24.10
20	QPSK	50	28	23.12	23.20	23.32	24.70
20	QPSK	50	56	23.11	23.34	23.30	24.10
20	QPSK	100	0	23.16	23.22	23.35	24.10
20	16QAM	1	1	23.09	23.26	23.22	24.10

20	64QAM	1	1	21.78	21.94	21.95	22.60
20	256QAM	1	1	19.59	19.79	19.80	20.60
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	23.08	23.27	23.26	24.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.12	23.23	23.25	24.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.10	23.30	23.24	24.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	23.07	23.33	23.31	24.70

【FR1 n26_FCC_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.17	23.37	23.35	24.00
20	PI/2 BPSK	1	53	23.13	23.19	23.34	24.00
20	PI/2 BPSK	1	104	23.16	23.26	23.30	24.00
20	PI/2 BPSK	50	0	23.11	23.20	23.21	24.00
20	PI/2 BPSK	50	28	23.16	23.29	23.31	24.00
20	PI/2 BPSK	50	56	23.15	23.25	23.29	24.00
20	PI/2 BPSK	100	0	23.11	23.35	23.33	24.00
20	QPSK	1	1	22.95	23.02	23.10	24.00
20	QPSK	1	53	23.04	23.16	23.29	24.00
20	QPSK	1	104	23.11	23.17	23.27	24.00
20	QPSK	50	0	23.09	23.22	23.23	24.00
20	QPSK	50	28	23.12	23.20	23.32	24.00
20	QPSK	50	56	23.11	23.34	23.30	24.00
20	QPSK	100	0	23.16	23.22	23.35	24.00
20	16QAM	1	1	23.09	23.26	23.22	24.00
20	64QAM	1	1	21.78	21.94	21.95	22.60
20	256QAM	1	1	19.59	19.79	19.80	20.60
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	23.08	23.27	23.26	24.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.12	23.23	23.25	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.10	23.30	23.24	24.00
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	23.07	23.33	23.31	24.00

【FR1 n30_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		Tune-up limit
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.94		24.60
10	PI/2 BPSK	1	26		23.89		24.60
10	PI/2 BPSK	1	50		23.93		24.60
10	PI/2 BPSK	25	0		23.37		24.10
10	PI/2 BPSK	25	14		23.92		24.60
10	PI/2 BPSK	25	27		23.36		24.10
10	PI/2 BPSK	50	0		23.40		24.10
10	QPSK	1	1		24.03		24.60
10	QPSK	1	26		23.91		24.60
10	QPSK	1	50		24.19		24.60
10	QPSK	25	0		22.90		23.60

10	QPSK	25	14		24.01		24.60
10	QPSK	25	27		22.91		23.60
10	QPSK	50	0		22.91		23.60
10	16QAM	1	1		22.68		23.60
10	64QAM	1	1		21.21		22.10
10	256QAM	1	1		19.13		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	23.88	23.90	23.86	24.60

【FR1 n30_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.94		24.60
10	PI/2 BPSK	1	26		23.89		24.60
10	PI/2 BPSK	1	50		23.93		24.60
10	PI/2 BPSK	25	0		23.37		24.10
10	PI/2 BPSK	25	14		23.92		24.60
10	PI/2 BPSK	25	27		23.36		24.10
10	PI/2 BPSK	50	0		23.40		24.10
10	QPSK	1	1		24.03		24.60
10	QPSK	1	26		23.91		24.60
10	QPSK	1	50		24.19		24.60
10	QPSK	25	0		22.90		23.60
10	QPSK	25	14		24.01		24.60
10	QPSK	25	27		22.91		23.60
10	QPSK	50	0		22.91		23.60
10	16QAM	1	1		22.68		23.60
10	64QAM	1	1		21.21		22.10
10	256QAM	1	1		19.13		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	23.88	23.90	23.86	24.60

【FR1 n30_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.32		17.00
10	PI/2 BPSK	1	26		15.15		17.00
10	PI/2 BPSK	1	50		15.06		17.00
10	PI/2 BPSK	25	0		15.27		17.00
10	PI/2 BPSK	25	14		15.35		17.00
10	PI/2 BPSK	25	27		15.31		17.00
10	PI/2 BPSK	50	0		15.28		17.00
10	QPSK	1	1		15.14		17.00
10	QPSK	1	26		15.09		17.00
10	QPSK	1	50		15.05		17.00
10	QPSK	25	0		15.30		17.00
10	QPSK	25	14		15.35		17.00
10	QPSK	25	27		15.37		17.00
10	QPSK	50	0		15.35		17.00
10	16QAM	1	1		15.60		17.00
10	64QAM	1	1		15.57		17.00
10	256QAM	1	1		15.22		17.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	15.30	15.30	15.31	17.00

【FR1 n30_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		

Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.32		15.60
10	PI/2 BPSK	1	26		15.15		15.60
10	PI/2 BPSK	1	50		15.06		15.60
10	PI/2 BPSK	25	0		15.27		15.60
10	PI/2 BPSK	25	14		15.35		15.60
10	PI/2 BPSK	25	27		15.31		15.60
10	PI/2 BPSK	50	0		15.28		15.60
10	QPSK	1	1		15.14		15.60
10	QPSK	1	26		15.09		15.60
10	QPSK	1	50		15.05		15.60
10	QPSK	25	0		15.30		15.60
10	QPSK	25	14		15.35		15.60
10	QPSK	25	27		15.37		15.60
10	QPSK	50	0		15.35		15.60
10	16QAM	1	1		15.60		15.60
10	64QAM	1	1		15.57		15.60
10	256QAM	1	1		15.22		15.60
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	15.30	15.30	15.31	15.60

【FR1 n30_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.32		15.60
10	PI/2 BPSK	1	26		15.15		15.60
10	PI/2 BPSK	1	50		15.06		15.60
10	PI/2 BPSK	25	0		15.27		15.60
10	PI/2 BPSK	25	14		15.35		15.60
10	PI/2 BPSK	25	27		15.31		15.60
10	PI/2 BPSK	50	0		15.28		15.60
10	QPSK	1	1		15.14		15.60
10	QPSK	1	26		15.09		15.60
10	QPSK	1	50		15.05		15.60
10	QPSK	25	0		15.30		15.60
10	QPSK	25	14		15.35		15.60
10	QPSK	25	27		15.37		15.60
10	QPSK	50	0		15.35		15.60
10	16QAM	1	1		15.60		15.60
10	64QAM	1	1		15.57		15.60
10	256QAM	1	1		15.22		15.60
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	15.30	15.30	15.31	15.60

【FR1 n30_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.14		24.60
10	PI/2 BPSK	1	26		24.11		24.60
10	PI/2 BPSK	1	50		24.13		24.60
10	PI/2 BPSK	25	0		23.66		24.10
10	PI/2 BPSK	25	14		24.18		24.60
10	PI/2 BPSK	25	27		23.63		24.10
10	PI/2 BPSK	50	0		23.66		24.10
10	QPSK	1	1		24.20		24.60
10	QPSK	1	26		24.19		24.60
10	QPSK	1	50		24.20		24.60
10	QPSK	25	0		23.21		23.60
10	QPSK	25	14		24.19		24.60
10	QPSK	25	27		23.18		23.60

10	QPSK	50	0		23.18		23.60
10	16QAM	1	1		23.00		23.60
10	64QAM	1	1		21.49		22.10
10	256QAM	1	1		19.45		20.10
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.01	24.10	24.06	24.60

【FR1 n30_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.14		24.20
10	PI/2 BPSK	1	26		24.11		24.20
10	PI/2 BPSK	1	50		24.13		24.20
10	PI/2 BPSK	25	0		23.66		24.10
10	PI/2 BPSK	25	14		24.18		24.20
10	PI/2 BPSK	25	27		23.63		24.10
10	PI/2 BPSK	50	0		23.66		24.10
10	QPSK	1	1		24.20		24.20
10	QPSK	1	26		24.19		24.20
10	QPSK	1	50		24.20		24.20
10	QPSK	25	0		23.21		23.60
10	QPSK	25	14		24.19		24.20
10	QPSK	25	27		23.18		23.60
10	QPSK	50	0		23.18		23.60
10	16QAM	1	1		23.00		23.60
10	64QAM	1	1		21.49		22.10
10	256QAM	1	1		19.45		20.10
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.01	24.10	24.06	24.20

【FR1 n30_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.57		19.30
10	PI/2 BPSK	1	26		17.54		19.30
10	PI/2 BPSK	1	50		17.43		19.30
10	PI/2 BPSK	25	0		17.69		19.30
10	PI/2 BPSK	25	14		17.68		19.30
10	PI/2 BPSK	25	27		17.61		19.30
10	PI/2 BPSK	50	0		17.63		19.30
10	QPSK	1	1		17.51		19.30
10	QPSK	1	26		17.50		19.30
10	QPSK	1	50		17.40		19.30
10	QPSK	25	0		17.65		19.30
10	QPSK	25	14		17.69		19.30
10	QPSK	25	27		17.70		19.30
10	QPSK	50	0		17.68		19.30
10	16QAM	1	1		17.90		19.30
10	64QAM	1	1		17.90		19.30
10	256QAM	1	1		17.63		19.30
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.55	17.55	17.52	19.30

【FR1 n30_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.57		17.90

10	PI/2 BPSK	1	26		17.54		17.90
10	PI/2 BPSK	1	50		17.43		17.90
10	PI/2 BPSK	25	0		17.69		17.90
10	PI/2 BPSK	25	14		17.68		17.90
10	PI/2 BPSK	25	27		17.61		17.90
10	PI/2 BPSK	50	0		17.63		17.90
10	QPSK	1	1		17.51		17.90
10	QPSK	1	26		17.50		17.90
10	QPSK	1	50		17.40		17.90
10	QPSK	25	0		17.65		17.90
10	QPSK	25	14		17.69		17.90
10	QPSK	25	27		17.70		17.90
10	QPSK	50	0		17.68		17.90
10	16QAM	1	1		17.90		17.90
10	64QAM	1	1		17.90		17.90
10	256QAM	1	1		17.63		17.90
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.55	17.55	17.52	17.90

【FR1 n30_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.57		17.90
10	PI/2 BPSK	1	26		17.54		17.90
10	PI/2 BPSK	1	50		17.43		17.90
10	PI/2 BPSK	25	0		17.69		17.90
10	PI/2 BPSK	25	14		17.68		17.90
10	PI/2 BPSK	25	27		17.61		17.90
10	PI/2 BPSK	50	0		17.63		17.90
10	QPSK	1	1		17.51		17.90
10	QPSK	1	26		17.50		17.90
10	QPSK	1	50		17.40		17.90
10	QPSK	25	0		17.65		17.90
10	QPSK	25	14		17.69		17.90
10	QPSK	25	27		17.70		17.90
10	QPSK	50	0		17.68		17.90
10	16QAM	1	1		17.90		17.90
10	64QAM	1	1		17.90		17.90
10	256QAM	1	1		17.63		17.90
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.55	17.55	17.52	17.90

【FR1 n38_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.02	24.05	24.03	24.70
40	PI/2 BPSK	1	53	23.92	24.07	24.03	24.70
40	PI/2 BPSK	1	104	23.82	23.98	23.81	24.70
40	PI/2 BPSK	50	0	23.34	23.42	23.31	23.70
40	PI/2 BPSK	50	28	23.85	23.92	23.75	24.70
40	PI/2 BPSK	50	56	23.27	23.41	23.35	23.70
40	PI/2 BPSK	100	0	23.30	23.43	23.28	23.70
40	QPSK	1	1	23.86	24.02	23.85	24.90
40	QPSK	1	53	23.94	24.05	23.98	24.90
40	QPSK	1	104	23.78	23.94	23.84	24.90
40	QPSK	50	0	22.80	22.96	22.83	23.90
40	QPSK	50	28	23.83	23.91	23.75	24.90
40	QPSK	50	56	22.74	22.90	22.80	23.90
40	QPSK	100	0	22.83	22.96	22.85	23.90
40	16QAM	1	1	23.26	23.32	23.19	23.90

40	64QAM	1	1	21.30	21.39	21.33	22.40
40	256QAM	1	1	19.59	19.74	19.64	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	QPSK	1	1	23.97	23.99	24.02	24.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	QPSK	1	1	23.96	23.97	23.99	24.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	23.98	23.93	24.00	24.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	1	23.95	23.98	23.93	24.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	1	23.98	24.01	23.93	24.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.02	24.05	24.03	24.70
40	PI/2 BPSK	1	53	23.92	24.07	24.03	24.70
40	PI/2 BPSK	1	104	23.82	23.98	23.81	24.70
40	PI/2 BPSK	50	0	23.34	23.42	23.31	23.70
40	PI/2 BPSK	50	28	23.85	23.92	23.75	24.70
40	PI/2 BPSK	50	56	23.27	23.41	23.35	23.70
40	PI/2 BPSK	100	0	23.30	23.43	23.28	23.70
40	QPSK	1	1	23.86	24.02	23.85	24.90
40	QPSK	1	53	23.94	24.05	23.98	24.90
40	QPSK	1	104	23.78	23.94	23.84	24.90
40	QPSK	50	0	22.80	22.96	22.83	23.90
40	QPSK	50	28	23.83	23.91	23.75	24.90
40	QPSK	50	56	22.74	22.90	22.80	23.90
40	QPSK	100	0	22.83	22.96	22.85	23.90
40	16QAM	1	1	23.26	23.32	23.19	23.90
40	64QAM	1	1	21.30	21.39	21.33	22.40
40	256QAM	1	1	19.59	19.74	19.64	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	QPSK	1	1	23.97	23.99	24.02	24.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	QPSK	1	1	23.96	23.97	23.99	24.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	23.98	23.93	24.00	24.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	1	23.95	23.98	23.93	24.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	1	23.98	24.01	23.93	24.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.39	15.34	15.44	17.00
40	PI/2 BPSK	1	53	15.32	15.36	15.41	17.00
40	PI/2 BPSK	1	104	15.24	15.31	15.37	17.00
40	PI/2 BPSK	50	0	15.44	15.41	15.38	17.00
40	PI/2 BPSK	50	28	15.36	15.37	15.43	17.00
40	PI/2 BPSK	50	56	15.31	15.31	15.27	17.00
40	PI/2 BPSK	100	0	15.41	15.39	15.41	17.00
40	QPSK	1	1	15.20	15.29	15.25	17.00
40	QPSK	1	53	15.22	15.32	15.37	17.00

40	QPSK	1	104	15.25	15.24	15.22	17.00
40	QPSK	50	0	15.41	15.43	15.48	17.00
40	QPSK	50	28	15.37	15.35	15.40	17.00
40	QPSK	50	56	15.34	15.31	15.37	17.00
40	QPSK	100	0	15.39	15.40	15.37	17.00
40	16QAM	1	1	15.59	15.57	15.60	17.00
40	64QAM	1	1	15.28	15.31	15.26	17.00
40	256QAM	1	1	15.57	15.59	15.58	17.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.36	15.32	15.35	17.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.37	15.21	15.42	17.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.32	15.28	15.37	17.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	15.35	15.22	15.41	17.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.29	15.29	15.32	17.00

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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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.39	15.34	15.44	15.60
40	PI/2 BPSK	1	53	15.32	15.36	15.41	15.60
40	PI/2 BPSK	1	104	15.24	15.31	15.37	15.60
40	PI/2 BPSK	50	0	15.44	15.41	15.38	15.60
40	PI/2 BPSK	50	28	15.36	15.37	15.43	15.60
40	PI/2 BPSK	50	56	15.31	15.31	15.27	15.60
40	PI/2 BPSK	100	0	15.41	15.39	15.41	15.60
40	QPSK	1	1	15.20	15.29	15.25	15.60
40	QPSK	1	53	15.22	15.32	15.37	15.60
40	QPSK	1	104	15.25	15.24	15.22	15.60
40	QPSK	50	0	15.41	15.43	15.48	15.60
40	QPSK	50	28	15.37	15.35	15.40	15.60
40	QPSK	50	56	15.34	15.31	15.37	15.60
40	QPSK	100	0	15.39	15.40	15.37	15.60
40	16QAM	1	1	15.59	15.57	15.60	15.60
40	64QAM	1	1	15.28	15.31	15.26	15.60
40	256QAM	1	1	15.57	15.59	15.58	15.60
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.36	15.32	15.35	15.60
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.37	15.21	15.42	15.60
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.32	15.28	15.37	15.60
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	15.35	15.22	15.41	15.60
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.29	15.29	15.32	15.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.39	15.34	15.44	15.60
40	PI/2 BPSK	1	53	15.32	15.36	15.41	15.60
40	PI/2 BPSK	1	104	15.24	15.31	15.37	15.60

40	PI/2 BPSK	50	0	15.44	15.41	15.38	15.60
40	PI/2 BPSK	50	28	15.36	15.37	15.43	15.60
40	PI/2 BPSK	50	56	15.31	15.31	15.27	15.60
40	PI/2 BPSK	100	0	15.41	15.39	15.41	15.60
40	QPSK	1	1	15.20	15.29	15.25	15.60
40	QPSK	1	53	15.22	15.32	15.37	15.60
40	QPSK	1	104	15.25	15.24	15.22	15.60
40	QPSK	50	0	15.41	15.43	15.48	15.60
40	QPSK	50	28	15.37	15.35	15.40	15.60
40	QPSK	50	56	15.34	15.31	15.37	15.60
40	QPSK	100	0	15.39	15.40	15.37	15.60
40	16QAM	1	1	15.59	15.57	15.60	15.60
40	64QAM	1	1	15.28	15.31	15.26	15.60
40	256QAM	1	1	15.57	15.59	15.58	15.60
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.36	15.32	15.35	15.60
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.37	15.21	15.42	15.60
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.32	15.28	15.37	15.60
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.35	15.22	15.41	15.60
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.29	15.29	15.32	15.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.67	16.76	16.62	18.00
40	PI/2 BPSK	1	53	16.51	16.66	16.40	18.00
40	PI/2 BPSK	1	104	16.53	16.69	16.45	18.00
40	PI/2 BPSK	50	0	16.47	16.61	16.33	18.00
40	PI/2 BPSK	50	28	16.38	16.54	16.28	18.00
40	PI/2 BPSK	50	56	16.35	16.49	16.34	18.00
40	PI/2 BPSK	100	0	16.47	16.58	16.33	18.00
40	QPSK	1	1	16.64	16.75	16.55	18.00
40	QPSK	1	53	16.55	16.67	16.45	18.00
40	QPSK	1	104	16.54	16.68	16.47	18.00
40	QPSK	50	0	16.48	16.61	16.36	18.00
40	QPSK	50	28	16.30	16.52	16.33	18.00
40	QPSK	50	56	16.31	16.47	16.25	18.00
40	QPSK	100	0	16.41	16.58	16.41	18.00
40	16QAM	1	1	16.62	16.81	16.55	18.00
40	64QAM	1	1	16.43	16.56	16.33	18.00
40	256QAM	1	1	16.67	16.99	16.62	18.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.52	16.61	16.53	18.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.55	16.67	16.60	18.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.63	16.68	16.58	18.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.56	16.61	16.48	18.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.66	16.74	16.47	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.67	16.76	16.62	17.30
40	PI/2 BPSK	1	53	16.51	16.66	16.40	17.30
40	PI/2 BPSK	1	104	16.53	16.69	16.45	17.30
40	PI/2 BPSK	50	0	16.47	16.61	16.33	17.30
40	PI/2 BPSK	50	28	16.38	16.54	16.28	17.30
40	PI/2 BPSK	50	56	16.35	16.49	16.34	17.30
40	PI/2 BPSK	100	0	16.47	16.58	16.33	17.30
40	QPSK	1	1	16.64	16.75	16.55	17.30
40	QPSK	1	53	16.55	16.67	16.45	17.30
40	QPSK	1	104	16.54	16.68	16.47	17.30
40	QPSK	50	0	16.48	16.61	16.36	17.30
40	QPSK	50	28	16.30	16.52	16.33	17.30
40	QPSK	50	56	16.31	16.47	16.25	17.30
40	QPSK	100	0	16.41	16.58	16.41	17.30
40	16QAM	1	1	16.62	16.81	16.55	17.30
40	64QAM	1	1	16.43	16.56	16.33	17.30
40	256QAM	1	1	16.67	16.99	16.62	17.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.52	16.61	16.53	17.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.55	16.67	16.60	17.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.63	16.68	16.58	17.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.56	16.61	16.48	17.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.66	16.74	16.47	17.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.00	18.93	18.99	19.70
40	PI/2 BPSK	1	53	18.98	19.07	18.98	19.70
40	PI/2 BPSK	1	104	18.98	19.02	18.99	19.70
40	PI/2 BPSK	50	0	19.00	19.02	18.95	19.70
40	PI/2 BPSK	50	28	18.76	18.84	18.80	19.70
40	PI/2 BPSK	50	56	18.77	18.84	18.86	19.70
40	PI/2 BPSK	100	0	18.90	18.87	18.90	19.70
40	QPSK	1	1	18.81	18.82	18.85	19.70
40	QPSK	1	53	19.00	19.05	18.98	19.70
40	QPSK	1	104	18.86	18.94	18.93	19.70
40	QPSK	50	0	18.98	19.03	18.99	19.70
40	QPSK	50	28	18.85	18.90	18.94	19.70
40	QPSK	50	56	18.77	18.80	18.84	19.70
40	QPSK	100	0	18.93	18.87	18.81	19.70
40	16QAM	1	1	18.90	18.94	18.96	19.70
40	64QAM	1	1	18.89	18.87	18.91	19.70
40	256QAM	1	1	18.98	19.02	18.99	19.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.96	18.90	18.91	19.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.96	18.84	18.93	19.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.95	18.79	18.85	19.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.90	18.79	18.95	19.70
Channel				515000	519000	523000	Tune-up limit

Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	18.88	18.80	18.89	19.70

【FR1 n38_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.95	17.02	16.94	17.40
40	PI/2 BPSK	1	53	16.87	17.05	16.93	17.40
40	PI/2 BPSK	1	104	16.86	16.98	16.83	17.40
40	PI/2 BPSK	50	0	16.94	17.02	16.87	17.40
40	PI/2 BPSK	50	28	16.82	16.84	16.89	17.40
40	PI/2 BPSK	50	56	16.83	16.85	16.87	17.40
40	PI/2 BPSK	100	0	16.80	16.93	16.83	17.40
40	QPSK	1	1	16.86	16.88	16.86	17.40
40	QPSK	1	53	16.92	17.04	16.91	17.40
40	QPSK	1	104	16.85	17.00	16.86	17.40
40	QPSK	50	0	16.89	16.95	16.80	17.40
40	QPSK	50	28	16.86	16.87	16.87	17.40
40	QPSK	50	56	16.84	16.92	16.89	17.40
40	QPSK	100	0	16.85	16.96	16.86	17.40
40	16QAM	1	1	16.92	17.02	16.86	17.40
40	64QAM	1	1	16.81	16.81	16.85	17.40
40	256QAM	1	1	16.83	16.80	16.80	17.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.87	16.95	16.84	17.40
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.87	16.91	16.83	17.40
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.83	16.87	16.92	17.40
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.84	16.87	16.89	17.40
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.83	16.91	16.82	17.40

【FR1 n38_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.95	17.02	16.94	17.40
40	PI/2 BPSK	1	53	16.87	17.05	16.93	17.40
40	PI/2 BPSK	1	104	16.86	16.98	16.83	17.40
40	PI/2 BPSK	50	0	16.94	17.02	16.87	17.40
40	PI/2 BPSK	50	28	16.82	16.84	16.89	17.40
40	PI/2 BPSK	50	56	16.83	16.85	16.87	17.40
40	PI/2 BPSK	100	0	16.80	16.93	16.83	17.40
40	QPSK	1	1	16.86	16.88	16.86	17.40
40	QPSK	1	53	16.92	17.04	16.91	17.40
40	QPSK	1	104	16.85	17.00	16.86	17.40
40	QPSK	50	0	16.89	16.95	16.80	17.40
40	QPSK	50	28	16.86	16.87	16.87	17.40
40	QPSK	50	56	16.84	16.92	16.89	17.40
40	QPSK	100	0	16.85	16.96	16.86	17.40
40	16QAM	1	1	16.92	17.02	16.86	17.40
40	64QAM	1	1	16.81	16.81	16.85	17.40
40	256QAM	1	1	16.83	16.80	16.80	17.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.87	16.95	16.84	17.40
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.87	16.91	16.83	17.40
Channel				516000	519000	522000	Tune-up limit

Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.83	16.87	16.92	17.40
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.84	16.87	16.89	17.40
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.83	16.91	16.82	17.40

【FR1 n38_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.70	22.68	22.67	23.80
40	PI/2 BPSK	1	53	22.54	22.64	22.51	23.80
40	PI/2 BPSK	1	104	22.21	22.30	22.24	23.80
40	PI/2 BPSK	50	0	22.55	22.56	22.50	23.80
40	PI/2 BPSK	50	28	22.36	22.39	22.28	23.80
40	PI/2 BPSK	50	56	22.43	22.48	22.35	23.80
40	PI/2 BPSK	100	0	22.43	22.48	22.32	23.80
40	QPSK	1	1	22.47	22.56	22.50	23.80
40	QPSK	1	53	22.69	22.69	22.55	23.80
40	QPSK	1	104	22.28	22.36	22.27	23.80
40	QPSK	50	0	22.51	22.53	22.47	23.70
40	QPSK	50	28	22.57	22.58	22.54	23.80
40	QPSK	50	56	22.30	22.42	22.28	23.70
40	QPSK	100	0	22.48	22.52	22.48	23.70
40	16QAM	1	1	22.70	22.84	22.66	23.70
40	64QAM	1	1	21.27	21.36	21.23	22.20
40	256QAM	1	1	19.26	19.35	19.25	20.20
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	22.66	22.63	22.53	23.80
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	22.62	22.61	22.61	23.80
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	22.65	22.56	22.53	23.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	22.67	22.55	22.58	23.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	22.65	22.54	22.64	23.80

【FR1 n38_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.70	22.68	22.67	22.90
40	PI/2 BPSK	1	53	22.54	22.64	22.51	22.90
40	PI/2 BPSK	1	104	22.21	22.30	22.24	22.90
40	PI/2 BPSK	50	0	22.55	22.56	22.50	22.90
40	PI/2 BPSK	50	28	22.36	22.39	22.28	22.90
40	PI/2 BPSK	50	56	22.43	22.48	22.35	22.90
40	PI/2 BPSK	100	0	22.43	22.48	22.32	22.90
40	QPSK	1	1	22.47	22.56	22.50	22.90
40	QPSK	1	53	22.69	22.69	22.55	22.90
40	QPSK	1	104	22.28	22.36	22.27	22.90
40	QPSK	50	0	22.51	22.53	22.47	22.90
40	QPSK	50	28	22.57	22.58	22.54	22.90
40	QPSK	50	56	22.30	22.42	22.28	22.90
40	QPSK	100	0	22.48	22.52	22.48	22.90

40	16QAM	1	1	22.70	22.84	22.66	22.90
40	64QAM	1	1	21.27	21.36	21.23	22.50
40	256QAM	1	1	19.26	19.35	19.25	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.66	22.63	22.53	22.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.62	22.61	22.61	22.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.65	22.56	22.53	22.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.67	22.55	22.58	22.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.65	22.54	22.64	22.90

【FR1 n38_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.10	17.06	17.15	19.00
40	PI/2 BPSK	1	53	17.03	17.13	17.16	19.00
40	PI/2 BPSK	1	104	17.07	17.06	17.03	19.00
40	PI/2 BPSK	50	0	17.04	17.12	17.17	19.00
40	PI/2 BPSK	50	28	17.08	17.06	17.06	19.00
40	PI/2 BPSK	50	56	17.08	17.05	17.07	19.00
40	PI/2 BPSK	100	0	17.07	17.10	17.05	19.00
40	QPSK	1	1	17.01	17.02	17.04	19.00
40	QPSK	1	53	17.01	17.07	17.10	19.00
40	QPSK	1	104	17.00	17.01	17.00	19.00
40	QPSK	50	0	17.04	17.14	17.14	19.00
40	QPSK	50	28	17.02	17.10	17.06	19.00
40	QPSK	50	56	17.05	17.03	17.07	19.00
40	QPSK	100	0	17.07	17.11	17.05	19.00
40	16QAM	1	1	17.21	17.26	17.29	19.00
40	64QAM	1	1	17.00	17.09	17.08	19.00
40	256QAM	1	1	17.32	17.33	17.31	19.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.02	17.07	17.11	19.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.01	17.01	17.08	19.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.02	17.01	17.11	19.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.04	17.06	17.06	19.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.03	17.07	17.06	19.00

【FR1 n38_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.10	17.06	17.15	17.50
40	PI/2 BPSK	1	53	17.03	17.13	17.16	17.50
40	PI/2 BPSK	1	104	17.07	17.06	17.03	17.50
40	PI/2 BPSK	50	0	17.04	17.12	17.17	17.50
40	PI/2 BPSK	50	28	17.08	17.06	17.06	17.50
40	PI/2 BPSK	50	56	17.08	17.05	17.07	17.50
40	PI/2 BPSK	100	0	17.07	17.10	17.05	17.50
40	QPSK	1	1	17.01	17.02	17.04	17.50

40	QPSK	1	53	17.01	17.07	17.10	17.50
40	QPSK	1	104	17.00	17.01	17.00	17.50
40	QPSK	50	0	17.04	17.14	17.14	17.50
40	QPSK	50	28	17.02	17.10	17.06	17.50
40	QPSK	50	56	17.05	17.03	17.07	17.50
40	QPSK	100	0	17.07	17.11	17.05	17.50
40	16QAM	1	1	17.21	17.26	17.29	17.50
40	64QAM	1	1	17.00	17.09	17.08	17.50
40	256QAM	1	1	17.32	17.33	17.31	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.02	17.07	17.11	17.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.01	17.01	17.08	17.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.02	17.01	17.11	17.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.04	17.06	17.06	17.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.03	17.07	17.06	17.50

【FR1 n38_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.10	17.06	17.15	17.50
40	PI/2 BPSK	1	53	17.03	17.13	17.16	17.50
40	PI/2 BPSK	1	104	17.07	17.06	17.03	17.50
40	PI/2 BPSK	50	0	17.04	17.12	17.17	17.50
40	PI/2 BPSK	50	28	17.08	17.06	17.06	17.50
40	PI/2 BPSK	50	56	17.08	17.05	17.07	17.50
40	PI/2 BPSK	100	0	17.07	17.10	17.05	17.50
40	QPSK	1	1	17.01	17.02	17.04	17.50
40	QPSK	1	53	17.01	17.07	17.10	17.50
40	QPSK	1	104	17.00	17.01	17.00	17.50
40	QPSK	50	0	17.04	17.14	17.14	17.50
40	QPSK	50	28	17.02	17.10	17.06	17.50
40	QPSK	50	56	17.05	17.03	17.07	17.50
40	QPSK	100	0	17.07	17.11	17.05	17.50
40	16QAM	1	1	17.21	17.26	17.29	17.50
40	64QAM	1	1	17.00	17.09	17.08	17.50
40	256QAM	1	1	17.32	17.33	17.31	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.02	17.07	17.11	17.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.01	17.01	17.08	17.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.02	17.01	17.11	17.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.04	17.06	17.06	17.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.03	17.07	17.06	17.50

【FR1 n38_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.97	14.96	14.94	15.70
40	PI/2 BPSK	1	53	14.87	14.89	14.76	15.70
40	PI/2 BPSK	1	104	14.97	15.00	14.93	15.70
40	PI/2 BPSK	50	0	14.88	14.89	14.79	15.70
40	PI/2 BPSK	50	28	14.82	14.89	14.82	15.70
40	PI/2 BPSK	50	56	14.85	14.90	14.77	15.70
40	PI/2 BPSK	100	0	14.92	14.93	14.76	15.70
40	QPSK	1	1	14.86	14.90	14.78	15.70
40	QPSK	1	53	14.78	14.82	14.78	15.70
40	QPSK	1	104	14.86	14.95	14.87	15.70
40	QPSK	50	0	14.96	14.97	14.81	15.70
40	QPSK	50	28	14.85	14.91	14.75	15.70
40	QPSK	50	56	14.78	14.86	14.82	15.70
40	QPSK	100	0	14.85	14.98	14.91	15.70
40	16QAM	1	1	14.95	15.00	14.93	15.70
40	64QAM	1	1	14.91	14.94	14.81	15.70
40	256QAM	1	1	14.96	15.00	14.93	15.70
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	14.93	14.84	14.93	15.70
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	14.95	14.92	14.82	15.70
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	14.90	14.94	14.93	15.70
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	14.87	14.93	14.83	15.70
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	14.89	14.82	14.84	15.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.01	13.98	13.97	14.30
40	PI/2 BPSK	1	53	13.91	13.90	13.78	14.30
40	PI/2 BPSK	1	104	14.07	14.01	14.00	14.30
40	PI/2 BPSK	50	0	13.93	13.91	13.82	14.30
40	PI/2 BPSK	50	28	13.84	13.92	13.89	14.30
40	PI/2 BPSK	50	56	13.85	13.94	13.78	14.30
40	PI/2 BPSK	100	0	13.94	13.98	13.85	14.30
40	QPSK	1	1	13.86	13.92	13.88	14.30
40	QPSK	1	53	13.84	13.83	13.83	14.30
40	QPSK	1	104	13.93	14.00	13.88	14.30
40	QPSK	50	0	14.02	14.01	13.82	14.30
40	QPSK	50	28	13.88	13.93	13.79	14.30
40	QPSK	50	56	13.83	13.88	13.91	14.30
40	QPSK	100	0	13.94	14.01	13.95	14.30
40	16QAM	1	1	14.03	14.08	14.02	14.30
40	64QAM	1	1	13.95	13.94	13.83	14.30
40	256QAM	1	1	14.03	14.06	13.99	14.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	13.89	13.88	13.84	14.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	14.00	13.90	13.85	14.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	13.90	13.92	13.93	14.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	13.97	13.84	13.96	14.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	13.96	13.88	13.82	14.30

【FR1 n38_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.83	16.86	16.57	17.30
40	PI/2 BPSK	1	53	16.60	16.65	16.25	17.30
40	PI/2 BPSK	1	104	16.81	16.93	16.57	17.30
40	PI/2 BPSK	50	0	16.68	16.75	16.44	17.30
40	PI/2 BPSK	50	28	16.53	16.62	16.19	17.30
40	PI/2 BPSK	50	56	16.57	16.66	16.32	17.30
40	PI/2 BPSK	100	0	16.72	16.89	16.50	17.30
40	QPSK	1	1	16.44	16.60	16.22	17.30
40	QPSK	1	53	16.59	16.64	16.31	17.30
40	QPSK	1	104	16.78	16.95	16.57	17.30
40	QPSK	50	0	16.64	16.72	16.31	17.30
40	QPSK	50	28	16.64	16.72	16.41	17.30
40	QPSK	50	56	16.48	16.55	16.26	17.30
40	QPSK	100	0	16.51	16.63	16.21	17.30
40	16QAM	1	1	16.76	16.85	16.44	17.30
40	64QAM	1	1	16.64	16.70	16.35	17.30
40	256QAM	1	1	16.83	17.02	16.56	17.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.70	16.78	16.50	17.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.79	16.72	16.42	17.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.74	16.78	16.53	17.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.71	16.77	16.43	17.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.76	16.72	16.47	17.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.97	14.96	14.94	15.20
40	PI/2 BPSK	1	53	14.87	14.89	14.76	15.20
40	PI/2 BPSK	1	104	14.97	15.00	14.93	15.20
40	PI/2 BPSK	50	0	14.88	14.89	14.79	15.20
40	PI/2 BPSK	50	28	14.82	14.89	14.82	15.20
40	PI/2 BPSK	50	56	14.85	14.90	14.77	15.20
40	PI/2 BPSK	100	0	14.92	14.93	14.76	15.20
40	QPSK	1	1	14.86	14.90	14.78	15.20
40	QPSK	1	53	14.78	14.82	14.78	15.20
40	QPSK	1	104	14.86	14.95	14.87	15.20
40	QPSK	50	0	14.96	14.97	14.81	15.20
40	QPSK	50	28	14.85	14.91	14.75	15.20
40	QPSK	50	56	14.78	14.86	14.82	15.20
40	QPSK	100	0	14.85	14.98	14.91	15.20
40	16QAM	1	1	14.95	15.13	14.93	15.20
40	64QAM	1	1	14.91	14.94	14.81	15.20
40	256QAM	1	1	14.96	15.00	14.93	15.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.93	14.84	14.93	15.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	14.95	14.92	14.82	15.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.90	14.94	14.93	15.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	

15	PI/2 BPSK	1	1	14.87	14.93	14.83	15.20
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	14.89	14.82	14.84	15.20

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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				518000	519000	520000	Tune-up limit
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.97	14.96	14.94	15.20
40	PI/2 BPSK	1	53	14.87	14.89	14.76	15.20
40	PI/2 BPSK	1	104	14.97	15.00	14.93	15.20
40	PI/2 BPSK	50	0	14.88	14.89	14.79	15.20
40	PI/2 BPSK	50	28	14.82	14.89	14.82	15.20
40	PI/2 BPSK	50	56	14.85	14.90	14.77	15.20
40	PI/2 BPSK	100	0	14.92	14.93	14.76	15.20
40	QPSK	1	1	14.86	14.90	14.78	15.20
40	QPSK	1	53	14.78	14.82	14.78	15.20
40	QPSK	1	104	14.86	14.95	14.87	15.20
40	QPSK	50	0	14.96	14.97	14.81	15.20
40	QPSK	50	28	14.85	14.91	14.75	15.20
40	QPSK	50	56	14.78	14.86	14.82	15.20
40	QPSK	100	0	14.85	14.98	14.91	15.20
40	16QAM	1	1	14.95	15.13	14.93	15.20
40	64QAM	1	1	14.91	14.94	14.81	15.20
40	256QAM	1	1	14.96	15.00	14.93	15.20
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.93	14.84	14.93	15.20
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	14.95	14.92	14.82	15.20
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.90	14.94	14.93	15.20
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	14.87	14.93	14.83	15.20
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	14.89	14.82	14.84	15.20

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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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	23.75	23.86	24.70
100	PI/2 BPSK	1	137	24.06	23.98	23.94	24.70
100	PI/2 BPSK	1	271	23.66	23.60	23.56	24.70
100	PI/2 BPSK	135	0	23.46	23.50	23.46	23.70
100	PI/2 BPSK	135	69	23.91	23.84	23.93	24.70
100	PI/2 BPSK	135	138	23.28	23.31	23.38	23.70
100	PI/2 BPSK	270	0	23.43	23.45	23.47	23.70
100	QPSK	1	1	23.76	23.73	23.70	24.90
100	QPSK	1	137	24.03	23.94	24.03	24.90
100	QPSK	1	271	23.60	23.56	23.65	24.90
100	QPSK	135	0	22.98	23.00	23.05	23.90
100	QPSK	135	69	23.79	23.83	23.79	24.90
100	QPSK	135	138	22.72	22.77	22.76	23.90
100	QPSK	270	0	23.00	22.93	22.89	23.90
100	16QAM	1	1	23.17	23.19	23.22	23.90
100	64QAM	1	1	21.34	21.30	21.33	22.40
100	256QAM	1	1	19.71	19.66	19.72	20.40
Channel				508200	518598	528996	Tune-up limit

	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	QPSK	1	1	23.74	23.73	23.79	24.90
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	QPSK	1	1	23.76	23.72	23.84	24.90
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	QPSK	1	1	23.74	23.72	23.74	24.90
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	QPSK	1	1	23.75	23.72	23.77	24.90
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	QPSK	1	1	23.76	23.69	23.80	24.90
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	QPSK	1	1	23.79	23.62	23.84	24.90
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	QPSK	1	1	23.75	23.62	23.83	24.90
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	QPSK	1	1	23.73	23.62	23.82	24.90
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	QPSK	1	1	23.81	23.68	23.84	24.90
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	QPSK	1	1	23.83	23.62	23.74	24.90
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	QPSK	1	1	23.81	23.63	23.74	24.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	23.75	23.86	24.70
100	PI/2 BPSK	1	137	24.06	23.98	23.94	24.70
100	PI/2 BPSK	1	271	23.66	23.60	23.56	24.70
100	PI/2 BPSK	135	0	23.46	23.50	23.46	23.70
100	PI/2 BPSK	135	69	23.91	23.84	23.93	24.70
100	PI/2 BPSK	135	138	23.28	23.31	23.38	23.70
100	PI/2 BPSK	270	0	23.43	23.45	23.47	23.70
100	QPSK	1	1	23.76	23.73	23.70	24.90
100	QPSK	1	137	24.03	23.94	24.03	24.90
100	QPSK	1	271	23.60	23.56	23.65	24.90
100	QPSK	135	0	22.98	23.00	23.05	23.90
100	QPSK	135	69	23.79	23.83	23.79	24.90
100	QPSK	135	138	22.72	22.77	22.76	23.90
100	QPSK	270	0	23.00	22.93	22.89	23.90
100	16QAM	1	1	23.17	23.19	23.22	23.90
100	64QAM	1	1	21.34	21.30	21.33	22.40
100	256QAM	1	1	19.71	19.66	19.72	20.40
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	QPSK	1	1	23.74	23.73	23.79	24.90
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	QPSK	1	1	23.76	23.72	23.84	24.90
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	QPSK	1	1	23.74	23.72	23.74	24.90
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	QPSK	1	1	23.75	23.72	23.77	24.90
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	QPSK	1	1	23.76	23.69	23.80	24.90
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	QPSK	1	1	23.79	23.62	23.84	24.90
	Channel			502200	518598	534996	Tune-up limit

	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	QPSK	1	1	23.75	23.62	23.83	24.90
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	QPSK	1	1	23.73	23.62	23.82	24.90
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	QPSK	1	1	23.81	23.68	23.84	24.90
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	QPSK	1	1	23.83	23.62	23.74	24.90
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	QPSK	1	1	23.81	23.63	23.74	24.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.25	15.29	15.30	15.60
100	PI/2 BPSK	1	137	15.27	15.44	15.39	15.60
100	PI/2 BPSK	1	271	15.12	15.25	15.12	15.60
100	PI/2 BPSK	135	0	15.26	15.36	15.29	15.60
100	PI/2 BPSK	135	69	15.17	15.30	15.28	15.60
100	PI/2 BPSK	135	138	15.13	15.20	15.10	15.60
100	PI/2 BPSK	270	0	15.16	15.29	15.17	15.60
100	QPSK	1	1	15.10	15.23	15.17	15.60
100	QPSK	1	137	15.31	15.39	15.34	15.60
100	QPSK	1	271	15.13	15.23	15.17	15.60
100	QPSK	135	0	15.23	15.36	15.33	15.60
100	QPSK	135	69	15.27	15.33	15.32	15.60
100	QPSK	135	138	15.10	15.18	15.10	15.60
100	QPSK	270	0	15.15	15.32	15.27	15.60
100	16QAM	1	1	15.37	15.45	15.41	15.60
100	64QAM	1	1	15.14	15.23	15.17	15.60
100	256QAM	1	1	15.40	15.52	15.39	15.60
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.15	15.15	15.25	15.60
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.11	15.26	15.22	15.60
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.16	15.16	15.25	15.60
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.17	15.21	15.25	15.60
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.15	15.22	15.25	15.60
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.22	15.15	15.19	15.60
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.18	15.15	15.16	15.60
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.11	15.23	15.27	15.60
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.17	15.15	15.22	15.60
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.24	15.20	15.16	15.60
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.15	15.17	15.16	15.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.25	15.29	15.30	17.00
100	PI/2 BPSK	1	137	15.27	15.44	15.39	17.00
100	PI/2 BPSK	1	271	15.12	15.25	15.12	17.00
100	PI/2 BPSK	135	0	15.26	15.36	15.29	17.00
100	PI/2 BPSK	135	69	15.17	15.30	15.28	17.00
100	PI/2 BPSK	135	138	15.13	15.20	15.10	17.00
100	PI/2 BPSK	270	0	15.16	15.29	15.17	17.00
100	QPSK	1	1	15.10	15.23	15.17	17.00
100	QPSK	1	137	15.31	15.39	15.34	17.00
100	QPSK	1	271	15.13	15.23	15.17	17.00
100	QPSK	135	0	15.23	15.36	15.33	17.00
100	QPSK	135	69	15.27	15.33	15.32	17.00
100	QPSK	135	138	15.10	15.18	15.10	17.00
100	QPSK	270	0	15.15	15.32	15.27	17.00
100	16QAM	1	1	15.37	15.45	15.41	17.00
100	64QAM	1	1	15.14	15.23	15.17	17.00
100	256QAM	1	1	15.40	15.52	15.39	17.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.15	15.15	15.25	17.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.11	15.26	15.22	17.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.16	15.16	15.25	17.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.17	15.21	15.25	17.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.15	15.22	15.25	17.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.22	15.15	15.19	17.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.18	15.15	15.16	17.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.11	15.23	15.27	17.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.17	15.15	15.22	17.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.24	15.20	15.16	17.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.15	15.17	15.16	17.00

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.25	15.29	15.30	15.60
100	PI/2 BPSK	1	137	15.27	15.44	15.39	15.60
100	PI/2 BPSK	1	271	15.12	15.25	15.12	15.60
100	PI/2 BPSK	135	0	15.26	15.36	15.29	15.60
100	PI/2 BPSK	135	69	15.17	15.30	15.28	15.60
100	PI/2 BPSK	135	138	15.13	15.20	15.10	15.60
100	PI/2 BPSK	270	0	15.16	15.29	15.17	15.60
100	QPSK	1	1	15.10	15.23	15.17	15.60
100	QPSK	1	137	15.31	15.39	15.34	15.60
100	QPSK	1	271	15.13	15.23	15.17	15.60
100	QPSK	135	0	15.23	15.36	15.33	15.60
100	QPSK	135	69	15.27	15.33	15.32	15.60

100	QPSK	135	138	15.10	15.18	15.10	15.60
100	QPSK	270	0	15.15	15.32	15.27	15.60
100	16QAM	1	1	15.37	15.45	15.41	15.60
100	64QAM	1	1	15.14	15.23	15.17	15.60
100	256QAM	1	1	15.40	15.52	15.39	15.60
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.15	15.15	15.25	15.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.11	15.26	15.22	15.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.16	15.16	15.25	15.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.17	15.21	15.25	15.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.15	15.22	15.25	15.60
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.22	15.15	15.19	15.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.18	15.15	15.16	15.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.11	15.23	15.27	15.60
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.17	15.15	15.22	15.60
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.24	15.20	15.16	15.60
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.15	15.17	15.16	15.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.88	26.00	25.99	26.90
100	PI/2 BPSK	1	137	25.92	25.87	25.90	26.90
100	PI/2 BPSK	1	271	25.95	25.85	25.85	26.90
100	PI/2 BPSK	135	0	25.49	25.55	25.56	26.40
100	PI/2 BPSK	135	69	25.95	25.99	25.99	26.90
100	PI/2 BPSK	135	138	25.43	25.40	25.47	26.40
100	PI/2 BPSK	270	0	25.43	25.48	25.48	26.40
100	QPSK	1	1	25.93	25.90	26.02	26.90
100	QPSK	1	137	25.97	26.04	25.93	26.90
100	QPSK	1	271	26.00	25.91	25.87	26.90
100	QPSK	135	0	25.01	25.09	25.08	25.90
100	QPSK	135	69	26.02	26.03	26.03	26.90
100	QPSK	135	138	24.97	24.94	25.01	25.90
100	QPSK	270	0	24.97	25.02	25.02	25.90
100	16QAM	1	1	24.90	24.87	24.94	25.90
100	64QAM	1	1	23.45	23.43	23.45	24.40
100	256QAM	1	1	21.62	21.59	21.66	22.40
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.78	25.85	25.97	26.90
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.85	25.83	25.84	26.90
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.79	25.82	25.91	26.90