



5	QPSK	12	13	19.62	19.98	19.75	21.00
5	QPSK	25	0	19.78	19.87	19.70	21.00
5	16QAM	1	0	19.72	20.03	19.76	21.00
5	16QAM	1	12	19.76	19.94	19.75	21.00
5	16QAM	1	24	19.68	19.75	19.76	21.00
5	16QAM	12	0	19.69	19.87	19.76	21.00
5	16QAM	12	7	19.70	19.94	19.75	21.00
5	16QAM	12	13	19.75	19.95	19.74	21.00
5	16QAM	25	0	19.86	19.99	19.70	21.00
5	64QAM	1	0	19.69	19.91	19.74	21.00
5	64QAM	1	12	19.64	20.02	19.75	21.00
5	64QAM	1	24	19.77	19.93	19.72	21.00
5	64QAM	12	0	19.63	19.78	19.75	21.00
5	64QAM	12	7	19.69	19.92	19.70	21.00
5	64QAM	12	13	19.66	19.95	19.71	21.00
5	64QAM	25	0	19.82	19.87	19.69	21.00
5	256QAM	1	0	17.54	17.82	17.70	19.00
5	256QAM	1	12	17.71	17.90	17.73	19.00
5	256QAM	1	24	17.78	17.95	17.73	19.00
5	256QAM	12	0	17.68	17.90	17.64	19.00
5	256QAM	12	7	17.59	17.86	17.66	19.00
5	256QAM	12	13	17.66	17.86	17.72	19.00
5	256QAM	25	0	17.66	17.84	17.72	19.00

【LTE Band 38_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.93	20.03	19.76	21.00
20	QPSK	1	49	19.72	19.98	19.96	21.00
20	QPSK	1	99	19.89	20.03	19.82	21.00
20	QPSK	50	0	19.85	20.01	19.80	21.00
20	QPSK	50	24	19.77	19.99	19.92	21.00
20	QPSK	50	50	19.76	20.00	19.90	21.00
20	QPSK	100	0	19.84	19.96	19.83	21.00
20	16QAM	1	0	19.85	20.08	19.89	21.00
20	16QAM	1	49	19.79	19.98	19.87	21.00
20	16QAM	1	99	19.80	19.89	19.97	21.00
20	16QAM	50	0	19.76	19.94	19.95	21.00
20	16QAM	50	24	19.78	20.06	19.80	21.00
20	16QAM	50	50	19.90	19.98	19.82	21.00
20	16QAM	100	0	19.88	20.02	19.83	21.00
20	64QAM	1	0	19.77	19.95	19.99	21.00
20	64QAM	1	49	19.76	20.08	19.99	21.00
20	64QAM	1	99	19.87	19.98	19.78	21.00
20	64QAM	50	0	19.77	19.92	19.83	21.00
20	64QAM	50	24	19.71	20.06	19.81	21.00
20	64QAM	50	50	19.70	20.07	19.81	21.00
20	64QAM	100	0	19.93	19.90	19.76	21.00
20	256QAM	1	0	17.63	17.92	17.71	19.00
20	256QAM	1	49	17.82	18.05	17.84	19.00
20	256QAM	1	99	17.81	17.98	17.83	19.00
20	256QAM	50	0	17.69	17.95	17.73	19.00
20	256QAM	50	24	17.64	17.93	17.78	19.00
20	256QAM	50	50	17.79	18.01	17.85	19.00
20	256QAM	100	0	17.74	17.94	17.77	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.87	19.95	19.68	21.00
15	QPSK	1	37	19.58	19.94	19.75	21.00
15	QPSK	1	74	19.83	19.94	19.75	21.00
15	QPSK	36	0	19.71	19.91	19.69	21.00
15	QPSK	36	20	19.71	19.91	19.76	21.00
15	QPSK	36	39	19.69	19.87	19.76	21.00
15	QPSK	75	0	19.73	19.83	19.76	21.00
15	16QAM	1	0	19.80	19.95	19.75	21.00
15	16QAM	1	37	19.71	19.88	19.76	21.00
15	16QAM	1	74	19.76	19.84	19.75	21.00
15	16QAM	36	0	19.71	19.82	19.76	21.00
15	16QAM	36	20	19.76	19.91	19.69	21.00
15	16QAM	36	39	19.87	19.88	19.75	21.00



FCC SAR Test Report

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15	16QAM	75	0	19.75	19.98	19.76	21.00
15	64QAM	1	0	19.68	19.89	19.76	21.00
15	64QAM	1	37	19.67	20.01	19.76	21.00
15	64QAM	1	74	19.75	19.97	19.69	21.00
15	64QAM	36	0	19.71	19.84	19.76	21.00
15	64QAM	36	20	19.57	19.99	19.75	21.00
15	64QAM	36	39	19.63	20.03	19.66	21.00
15	64QAM	75	0	19.91	19.82	19.63	21.00
15	256QAM	1	0	17.49	17.89	17.61	19.00
15	256QAM	1	37	17.74	17.95	17.72	19.00
15	256QAM	1	74	17.75	17.94	17.78	19.00
15	256QAM	36	0	17.65	17.91	17.61	19.00
15	256QAM	36	20	17.54	17.80	17.71	19.00
15	256QAM	36	39	17.72	17.87	17.79	19.00
15	256QAM	75	0	17.68	17.81	17.69	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.88	19.95	19.68	21.00
10	QPSK	1	25	19.66	19.96	19.75	21.00
10	QPSK	1	49	19.75	19.90	19.76	21.00
10	QPSK	25	0	19.70	19.96	19.70	21.00
10	QPSK	25	12	19.65	19.90	19.76	21.00
10	QPSK	25	25	19.67	19.99	19.75	21.00
10	QPSK	50	0	19.69	19.81	19.68	21.00
10	16QAM	1	0	19.72	20.03	19.76	21.00
10	16QAM	1	25	19.72	19.86	19.72	21.00
10	16QAM	1	49	19.70	19.81	19.76	21.00
10	16QAM	25	0	19.65	19.86	19.76	21.00
10	16QAM	25	12	19.77	20.03	19.70	21.00
10	16QAM	25	25	19.75	19.95	19.75	21.00
10	16QAM	50	0	19.79	19.89	19.76	21.00
10	64QAM	1	0	19.66	19.90	19.75	21.00
10	64QAM	1	25	19.62	20.03	19.76	21.00
10	64QAM	1	49	19.79	19.84	19.66	21.00
10	64QAM	25	0	19.64	19.77	19.75	21.00
10	64QAM	25	12	19.65	20.03	19.75	21.00
10	64QAM	25	25	19.62	19.94	19.74	21.00
10	64QAM	50	0	19.81	19.81	19.68	21.00
10	256QAM	1	0	17.48	17.83	17.58	19.00
10	256QAM	1	25	17.79	17.91	17.77	19.00
10	256QAM	1	49	17.72	17.86	17.72	19.00
10	256QAM	25	0	17.57	17.81	17.65	19.00
10	256QAM	25	12	17.53	17.78	17.73	19.00
10	256QAM	25	25	17.70	17.91	17.80	19.00
10	256QAM	50	0	17.64	17.92	17.64	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	19.84	19.96	19.69	21.00
5	QPSK	1	12	19.64	19.84	19.74	21.00
5	QPSK	1	24	19.79	19.97	19.74	21.00
5	QPSK	12	0	19.82	19.94	19.70	21.00
5	QPSK	12	7	19.67	19.91	19.75	21.00
5	QPSK	12	13	19.62	19.98	19.75	21.00
5	QPSK	25	0	19.78	19.87	19.70	21.00
5	16QAM	1	0	19.72	20.03	19.76	21.00
5	16QAM	1	12	19.76	19.94	19.75	21.00
5	16QAM	1	24	19.68	19.75	19.76	21.00
5	16QAM	12	0	19.69	19.87	19.76	21.00
5	16QAM	12	7	19.70	19.94	19.75	21.00
5	16QAM	12	13	19.75	19.95	19.74	21.00
5	16QAM	25	0	19.86	19.99	19.70	21.00
5	64QAM	1	0	19.69	19.91	19.74	21.00
5	64QAM	1	12	19.64	20.02	19.75	21.00
5	64QAM	1	24	19.77	19.93	19.72	21.00
5	64QAM	12	0	19.63	19.78	19.75	21.00
5	64QAM	12	7	19.69	19.92	19.70	21.00
5	64QAM	12	13	19.66	19.95	19.71	21.00
5	64QAM	25	0	19.82	19.87	19.69	21.00
5	256QAM	1	0	17.54	17.82	17.70	19.00
5	256QAM	1	12	17.71	17.90	17.73	19.00
5	256QAM	1	24	17.78	17.95	17.73	19.00
5	256QAM	12	0	17.68	17.90	17.64	19.00
5	256QAM	12	7	17.59	17.86	17.66	19.00
5	256QAM	12	13	17.66	17.86	17.72	19.00
5	256QAM	25	0	17.66	17.84	17.72	19.00



【LTE Band 41__FCC (2496~2690MHz)_Ant 0_Sensor off】

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	25.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.04	23.99	24.21	24.20	23.92	25.00
20	QPSK	1	49	23.75	23.67	23.98	23.95	23.58	25.00
20	QPSK	1	99	23.83	23.74	24.05	24.01	23.66	25.00
20	QPSK	50	0	22.92	22.83	23.14	23.04	22.83	24.00
20	QPSK	50	24	22.89	22.89	23.13	23.08	22.75	24.00
20	QPSK	50	50	22.90	22.77	23.11	22.97	22.75	24.00
20	QPSK	100	0	22.82	22.77	23.12	23.00	22.72	24.00
20	16QAM	1	0	22.82	22.67	23.01	22.98	22.70	24.00
20	16QAM	1	49	22.85	22.84	23.08	23.01	22.75	24.00
20	16QAM	1	99	22.78	22.75	23.06	22.98	22.74	24.00
20	16QAM	50	0	21.76	21.72	22.05	21.95	21.68	23.00
20	16QAM	50	24	21.82	21.88	22.12	22.07	21.81	23.00
20	16QAM	50	50	21.90	21.83	22.15	22.00	21.74	23.00
20	16QAM	100	0	21.92	21.82	22.11	22.05	21.83	23.00
20	64QAM	1	0	21.94	21.87	22.16	22.07	21.78	23.00
20	64QAM	1	49	21.73	21.71	22.02	21.91	21.66	23.00
20	64QAM	1	99	21.70	21.66	21.98	21.92	21.58	23.00
20	64QAM	50	0	20.83	20.79	21.03	21.00	20.69	22.00
20	64QAM	50	24	20.87	20.90	21.16	21.10	20.78	22.00
20	64QAM	50	50	20.95	20.81	21.13	20.99	20.80	22.00
20	64QAM	100	0	20.92	20.79	21.09	21.00	20.69	22.00
20	256QAM	1	0	18.77	18.68	18.97	18.83	18.70	20.00
20	256QAM	1	49	18.88	18.75	19.03	18.88	18.72	20.00
20	256QAM	1	99	18.94	18.95	19.14	19.07	18.87	20.00
20	256QAM	50	0	18.76	18.84	19.03	18.98	18.68	20.00
20	256QAM	50	24	18.88	18.80	19.10	19.03	18.81	20.00
20	256QAM	50	50	18.94	18.90	19.14	18.98	18.77	20.00
20	256QAM	100	0	18.91	18.90	19.12	19.09	18.76	20.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.93	23.88	24.06	24.11	23.88	25.00
15	QPSK	1	37	23.62	23.66	23.96	23.81	23.46	25.00
15	QPSK	1	74	23.72	23.71	23.95	23.89	23.53	25.00
15	QPSK	36	0	22.78	22.71	23.12	22.89	22.71	24.00
15	QPSK	36	20	22.85	22.86	23.11	23.03	22.67	24.00
15	QPSK	36	39	22.88	22.73	22.98	22.85	22.62	24.00
15	QPSK	75	0	22.70	22.67	22.99	22.85	22.61	24.00
15	16QAM	1	0	22.69	22.61	22.98	22.89	22.64	24.00
15	16QAM	1	37	22.84	22.81	23.02	22.92	22.64	24.00
15	16QAM	1	74	22.75	22.63	23.01	22.92	22.70	24.00
15	16QAM	36	0	21.63	21.70	21.93	21.87	21.57	23.00
15	16QAM	36	20	21.73	21.79	22.00	21.97	21.74	23.00
15	16QAM	36	39	21.77	21.78	22.12	21.90	21.65	23.00
15	16QAM	75	0	21.85	21.76	22.05	21.98	21.81	23.00
15	64QAM	1	0	21.84	21.79	22.13	21.93	21.65	23.00
15	64QAM	1	37	21.67	21.63	21.89	21.81	21.55	23.00
15	64QAM	1	74	21.60	21.53	21.95	21.81	21.52	23.00
15	64QAM	36	0	20.73	20.71	20.95	20.88	20.65	22.00
15	64QAM	36	20	20.82	20.76	21.07	21.08	20.77	22.00
15	64QAM	36	39	20.89	20.72	21.00	20.89	20.66	22.00
15	64QAM	75	0	20.85	20.78	20.96	20.87	20.60	22.00
15	256QAM	1	0	18.74	18.62	18.84	18.68	18.66	20.00
15	256QAM	1	37	18.84	18.65	18.94	18.85	18.69	20.00
15	256QAM	1	74	18.90	18.92	19.03	18.99	18.86	20.00
15	256QAM	36	0	18.64	18.78	18.99	18.93	18.53	20.00
15	256QAM	36	20	18.74	18.72	18.97	19.01	18.76	20.00
15	256QAM	36	39	18.79	18.78	19.02	18.87	18.68	20.00
15	256QAM	75	0	18.76	18.77	19.07	19.03	18.66	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.90	23.94	24.06	24.08	23.88	25.00
10	QPSK	1	25	23.68	23.56	23.90	23.91	23.50	25.00
10	QPSK	1	49	23.76	23.65	24.01	23.92	23.61	25.00
10	QPSK	25	0	22.81	22.79	23.07	22.95	22.70	24.00
10	QPSK	25	12	22.76	22.84	23.10	23.04	22.72	24.00
10	QPSK	25	25	22.87	22.66	22.97	22.85	22.61	24.00
10	QPSK	50	0	22.74	22.62	23.01	22.87	22.67	24.00



10	16QAM	1	0	22.74	22.63	22.89	22.86	22.55	24.00
10	16QAM	1	25	22.71	22.80	22.95	22.99	22.68	24.00
10	16QAM	1	49	22.77	22.65	22.98	22.90	22.62	24.00
10	16QAM	25	0	21.68	21.64	22.00	21.83	21.58	23.00
10	16QAM	25	12	21.81	21.78	21.99	21.95	21.66	23.00
10	16QAM	25	25	21.83	21.72	22.07	21.96	21.69	23.00
10	16QAM	50	0	21.84	21.77	22.01	21.95	21.68	23.00
10	64QAM	1	0	21.91	21.85	22.09	22.02	21.73	23.00
10	64QAM	1	25	21.64	21.60	21.98	21.88	21.57	23.00
10	64QAM	1	49	21.61	21.59	21.93	21.81	21.55	23.00
10	64QAM	25	0	20.70	20.73	20.99	20.90	20.58	22.00
10	64QAM	25	12	20.78	20.77	21.05	20.99	20.69	22.00
10	64QAM	25	25	20.89	20.69	21.04	20.86	20.69	22.00
10	64QAM	50	0	20.81	20.67	21.06	20.93	20.59	22.00
10	256QAM	1	0	18.75	18.61	18.96	18.69	18.67	20.00
10	256QAM	1	25	18.77	18.73	18.99	18.78	18.66	20.00
10	256QAM	1	49	18.86	18.91	19.00	18.95	18.83	20.00
10	256QAM	25	0	18.64	18.77	18.89	18.90	18.61	20.00
10	256QAM	25	12	18.76	18.66	19.02	18.97	18.74	20.00
10	256QAM	25	25	18.81	18.88	19.11	18.94	18.68	20.00
10	256QAM	50	0	18.79	18.77	19.06	18.97	18.67	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	23.98	23.86	24.19	24.09	23.79	25.00
5	QPSK	1	12	23.62	23.52	23.91	23.82	23.44	25.00
5	QPSK	1	24	23.69	23.61	24.00	23.89	23.58	25.00
5	QPSK	12	0	22.78	22.72	23.08	23.00	22.75	24.00
5	QPSK	12	7	22.86	22.87	23.07	22.97	22.64	24.00
5	QPSK	12	13	22.82	22.71	23.05	22.93	22.70	24.00
5	QPSK	25	0	22.77	22.76	22.97	22.90	22.57	24.00
5	16QAM	1	0	22.79	22.62	22.87	22.88	22.64	24.00
5	16QAM	1	12	22.80	22.70	23.07	22.95	22.71	24.00
5	16QAM	1	24	22.73	22.72	23.00	22.85	22.60	24.00
5	16QAM	12	0	21.75	21.65	21.91	21.88	21.67	23.00
5	16QAM	12	7	21.74	21.80	22.04	22.03	21.80	23.00
5	16QAM	12	13	21.85	21.78	22.12	21.96	21.71	23.00
5	16QAM	25	0	21.86	21.69	21.99	21.95	21.76	23.00
5	64QAM	1	0	21.90	21.75	22.10	22.00	21.73	23.00
5	64QAM	1	12	21.70	21.64	21.88	21.89	21.52	23.00
5	64QAM	1	24	21.65	21.60	21.90	21.88	21.55	23.00
5	64QAM	12	0	20.77	20.67	21.01	20.90	20.57	22.00
5	64QAM	12	7	20.75	20.75	21.10	21.01	20.72	22.00
5	64QAM	12	13	20.91	20.77	21.05	20.93	20.76	22.00
5	64QAM	25	0	20.85	20.65	21.02	20.97	20.57	22.00
5	256QAM	1	0	18.69	18.63	18.93	18.79	18.67	20.00
5	256QAM	1	12	18.81	18.64	19.02	18.84	18.61	20.00
5	256QAM	1	24	18.81	18.88	19.00	19.05	18.83	20.00
5	256QAM	12	0	18.71	18.75	18.92	18.90	18.59	20.00
5	256QAM	12	7	18.79	18.66	19.02	18.96	18.72	20.00
5	256QAM	12	13	18.85	18.83	19.07	18.89	18.71	20.00
5	256QAM	25	0	18.84	18.80	19.01	19.08	18.71	20.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.04	23.99	24.21	24.20	23.92	25.00
20	QPSK	1	49	23.75	23.67	23.98	23.95	23.58	25.00
20	QPSK	1	99	23.83	23.74	24.05	24.01	23.66	25.00
20	QPSK	50	0	22.92	22.83	23.14	23.04	22.83	24.00
20	QPSK	50	24	22.89	22.89	23.13	23.08	22.75	24.00
20	QPSK	50	50	22.90	22.77	23.11	22.97	22.75	24.00
20	QPSK	100	0	22.82	22.77	23.12	23.00	22.72	24.00
20	16QAM	1	0	22.82	22.67	23.01	22.98	22.70	24.00
20	16QAM	1	49	22.85	22.84	23.08	23.01	22.75	24.00
20	16QAM	1	99	22.78	22.75	23.06	22.98	22.74	24.00
20	16QAM	50	0	21.76	21.72	22.05	21.95	21.68	23.00
20	16QAM	50	24	21.82	21.88	22.12	22.07	21.81	23.00
20	16QAM	50	50	21.90	21.83	22.15	22.00	21.74	23.00
20	16QAM	100	0	21.92	21.82	22.11	22.05	21.83	23.00



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20	64QAM	1	0	21.94	21.87	22.16	22.07	21.78	23.00
20	64QAM	1	49	21.73	21.71	22.02	21.91	21.66	23.00
20	64QAM	1	99	21.70	21.66	21.98	21.92	21.58	23.00
20	64QAM	50	0	20.83	20.79	21.03	21.00	20.69	22.00
20	64QAM	50	24	20.87	20.90	21.16	21.10	20.78	22.00
20	64QAM	50	50	20.95	20.81	21.13	20.99	20.80	22.00
20	64QAM	100	0	20.92	20.79	21.09	21.00	20.69	22.00
20	256QAM	1	0	18.77	18.68	18.97	18.83	18.70	20.00
20	256QAM	1	49	18.88	18.75	19.03	18.88	18.72	20.00
20	256QAM	1	99	18.94	18.95	19.14	19.07	18.87	20.00
20	256QAM	50	0	18.76	18.84	19.03	18.98	18.68	20.00
20	256QAM	50	24	18.88	18.80	19.10	19.03	18.81	20.00
20	256QAM	50	50	18.94	18.90	19.14	18.98	18.77	20.00
20	256QAM	100	0	18.91	18.90	19.12	19.09	18.76	20.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.93	23.88	24.06	24.11	23.88	25.00
15	QPSK	1	37	23.62	23.66	23.96	23.81	23.46	25.00
15	QPSK	1	74	23.72	23.71	23.95	23.89	23.53	25.00
15	QPSK	36	0	22.78	22.71	23.12	22.89	22.71	24.00
15	QPSK	36	20	22.85	22.86	23.11	23.03	22.67	24.00
15	QPSK	36	39	22.88	22.73	22.98	22.85	22.62	24.00
15	QPSK	75	0	22.70	22.67	22.99	22.85	22.61	24.00
15	16QAM	1	0	22.69	22.61	22.98	22.89	22.64	24.00
15	16QAM	1	37	22.84	22.81	23.02	22.92	22.64	24.00
15	16QAM	1	74	22.75	22.63	23.01	22.92	22.70	24.00
15	16QAM	36	0	21.63	21.70	21.93	21.87	21.57	23.00
15	16QAM	36	20	21.73	21.79	22.00	21.97	21.74	23.00
15	16QAM	36	39	21.77	21.78	22.12	21.90	21.65	23.00
15	16QAM	75	0	21.85	21.76	22.05	21.98	21.81	23.00
15	64QAM	1	0	21.84	21.79	22.13	21.93	21.65	23.00
15	64QAM	1	37	21.67	21.63	21.89	21.81	21.55	23.00
15	64QAM	1	74	21.60	21.53	21.95	21.81	21.52	23.00
15	64QAM	36	0	20.73	20.71	20.95	20.88	20.65	22.00
15	64QAM	36	20	20.82	20.76	21.07	21.08	20.77	22.00
15	64QAM	36	39	20.89	20.72	21.00	20.89	20.66	22.00
15	64QAM	75	0	20.85	20.78	20.96	20.87	20.60	22.00
15	256QAM	1	0	18.74	18.62	18.84	18.68	18.66	20.00
15	256QAM	1	37	18.84	18.65	18.94	18.85	18.69	20.00
15	256QAM	1	74	18.90	18.92	19.03	18.99	18.86	20.00
15	256QAM	36	0	18.64	18.78	18.99	18.93	18.53	20.00
15	256QAM	36	20	18.74	18.72	18.97	19.01	18.76	20.00
15	256QAM	36	39	18.79	18.78	19.02	18.87	18.68	20.00
15	256QAM	75	0	18.76	18.77	19.07	19.03	18.66	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.90	23.94	24.06	24.08	23.88	25.00
10	QPSK	1	25	23.68	23.56	23.90	23.91	23.50	25.00
10	QPSK	1	49	23.76	23.65	24.01	23.92	23.61	25.00
10	QPSK	25	0	22.81	22.79	23.07	22.95	22.70	24.00
10	QPSK	25	12	22.76	22.84	23.10	23.04	22.72	24.00
10	QPSK	25	25	22.87	22.66	22.97	22.85	22.61	24.00
10	QPSK	50	0	22.74	22.62	23.01	22.87	22.67	24.00
10	16QAM	1	0	22.74	22.63	22.89	22.86	22.55	24.00
10	16QAM	1	25	22.71	22.80	22.95	22.99	22.68	24.00
10	16QAM	1	49	22.77	22.65	22.98	22.90	22.62	24.00
10	16QAM	25	0	21.68	21.64	22.00	21.83	21.58	23.00
10	16QAM	25	12	21.81	21.78	21.99	21.95	21.66	23.00
10	16QAM	25	25	21.83	21.72	22.07	21.96	21.69	23.00
10	16QAM	50	0	21.84	21.77	22.01	21.95	21.68	23.00
10	64QAM	1	0	21.91	21.85	22.09	22.02	21.73	23.00
10	64QAM	1	25	21.64	21.60	21.98	21.88	21.57	23.00
10	64QAM	1	49	21.61	21.59	21.93	21.81	21.55	23.00
10	64QAM	25	0	20.70	20.73	20.99	20.90	20.58	22.00
10	64QAM	25	12	20.78	20.77	21.05	20.99	20.69	22.00
10	64QAM	25	25	20.89	20.69	21.04	20.86	20.69	22.00
10	64QAM	50	0	20.81	20.67	21.06	20.93	20.59	22.00
10	256QAM	1	0	18.75	18.61	18.96	18.69	18.67	20.00
10	256QAM	1	25	18.77	18.73	18.99	18.78	18.66	20.00
10	256QAM	1	49	18.86	18.91	19.00	18.95	18.83	20.00
10	256QAM	25	0	18.64	18.77	18.89	18.90	18.61	20.00
10	256QAM	25	12	18.76	18.66	19.02	18.97	18.74	20.00
10	256QAM	25	25	18.81	18.88	19.11	18.94	18.68	20.00
10	256QAM	50	0	18.79	18.77	19.06	18.97	18.67	20.00
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	



									(dBm)
5	QPSK	1	0	23.98	23.86	24.19	24.09	23.79	25.00
5	QPSK	1	12	23.62	23.52	23.91	23.82	23.44	25.00
5	QPSK	1	24	23.69	23.61	24.00	23.89	23.58	25.00
5	QPSK	12	0	22.78	22.72	23.08	23.00	22.75	24.00
5	QPSK	12	7	22.86	22.87	23.07	22.97	22.64	24.00
5	QPSK	12	13	22.82	22.71	23.05	22.93	22.70	24.00
5	QPSK	25	0	22.77	22.76	22.97	22.90	22.57	24.00
5	16QAM	1	0	22.79	22.62	22.87	22.88	22.64	24.00
5	16QAM	1	12	22.80	22.70	23.07	22.95	22.71	24.00
5	16QAM	1	24	22.73	22.72	23.00	22.85	22.60	24.00
5	16QAM	12	0	21.75	21.65	21.91	21.88	21.67	23.00
5	16QAM	12	7	21.74	21.80	22.04	22.03	21.80	23.00
5	16QAM	12	13	21.85	21.78	22.12	21.96	21.71	23.00
5	16QAM	25	0	21.86	21.69	21.99	21.95	21.76	23.00
5	64QAM	1	0	21.90	21.75	22.10	22.00	21.73	23.00
5	64QAM	1	12	21.70	21.64	21.88	21.89	21.52	23.00
5	64QAM	1	24	21.65	21.60	21.90	21.88	21.55	23.00
5	64QAM	12	0	20.77	20.67	21.01	20.90	20.57	22.00
5	64QAM	12	7	20.75	20.75	21.10	21.01	20.72	22.00
5	64QAM	12	13	20.91	20.77	21.05	20.93	20.76	22.00
5	64QAM	25	0	20.85	20.65	21.02	20.97	20.57	22.00
5	256QAM	1	0	18.69	18.63	18.93	18.79	18.67	20.00
5	256QAM	1	12	18.81	18.64	19.02	18.84	18.61	20.00
5	256QAM	1	24	18.81	18.88	19.00	19.05	18.83	20.00
5	256QAM	12	0	18.71	18.75	18.92	18.90	18.59	20.00
5	256QAM	12	7	18.79	18.66	19.02	18.96	18.72	20.00
5	256QAM	12	13	18.85	18.83	19.07	18.89	18.71	20.00
5	256QAM	25	0	18.84	18.80	19.01	19.08	18.71	20.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 0_Sensor on】

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	18.10	18.04	18.20	18.12	17.96	19.00
20	QPSK	1	49	18.05	17.99	18.13	18.11	17.85	19.00
20	QPSK	1	99	18.03	17.94	18.13	18.10	17.92	19.00
20	QPSK	50	0	18.05	18.01	18.17	18.15	18.02	19.00
20	QPSK	50	24	18.03	18.00	18.10	18.14	17.94	19.00
20	QPSK	50	50	18.08	17.99	18.16	18.15	17.98	19.00
20	QPSK	100	0	18.02	18.03	18.18	18.27	17.84	19.00
20	16QAM	1	0	18.00	18.08	18.29	18.22	17.94	19.00
20	16QAM	1	49	17.98	17.95	18.22	18.22	17.99	19.00
20	16QAM	1	99	18.10	17.97	18.26	18.29	17.85	19.00
20	16QAM	50	0	18.02	18.01	18.29	18.15	17.97	19.00
20	16QAM	50	24	17.99	18.08	18.30	18.13	17.98	19.00
20	16QAM	50	50	18.02	17.94	18.23	18.12	18.00	19.00
20	16QAM	100	0	18.06	18.03	18.18	18.12	17.87	19.00
20	64QAM	1	0	18.02	17.91	18.27	18.29	17.87	19.00
20	64QAM	1	49	18.13	18.08	18.13	18.29	17.83	19.00
20	64QAM	1	99	18.04	17.95	18.16	18.12	17.97	19.00
20	64QAM	50	0	18.08	17.95	18.12	18.19	17.82	19.00
20	64QAM	50	24	17.98	18.01	18.31	18.14	17.90	19.00
20	64QAM	50	50	18.07	18.00	18.14	18.21	18.01	19.00
20	64QAM	100	0	17.98	18.06	18.11	18.21	17.94	19.00
20	256QAM	1	0	18.09	18.03	18.16	18.16	17.91	19.00
20	256QAM	1	49	18.01	18.00	18.28	18.27	18.01	19.00
20	256QAM	1	99	18.08	17.97	18.25	18.13	17.86	19.00
20	256QAM	50	0	17.96	17.93	18.30	18.11	17.85	19.00
20	256QAM	50	24	18.10	17.94	18.29	18.19	17.99	19.00
20	256QAM	50	50	17.97	17.95	18.30	18.15	17.95	19.00
20	256QAM	100	0	18.03	17.95	18.29	18.29	18.01	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.04	17.96	18.15	18.03	17.86	19.00
15	QPSK	1	37	18.00	17.89	18.07	18.01	17.72	19.00
15	QPSK	1	74	18.00	17.87	18.02	18.11	17.90	19.00
15	QPSK	36	0	17.93	17.96	18.07	18.00	17.88	19.00
15	QPSK	36	20	17.91	17.94	17.98	18.06	17.88	19.00
15	QPSK	36	39	17.98	17.97	18.02	18.02	17.90	19.00



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15	QPSK	75	0	17.98	17.89	18.10	18.11	17.80	19.00
15	16QAM	1	0	17.94	17.94	18.19	18.11	17.88	19.00
15	16QAM	1	37	17.94	17.82	18.16	18.12	17.95	19.00
15	16QAM	1	74	18.00	17.91	18.12	18.10	17.79	19.00
15	16QAM	36	0	17.94	17.87	18.20	18.12	17.85	19.00
15	16QAM	36	20	17.86	18.00	18.16	18.07	17.96	19.00
15	16QAM	36	39	17.90	17.89	18.19	18.02	17.91	19.00
15	16QAM	75	0	17.94	17.95	18.06	17.99	17.79	19.00
15	64QAM	1	0	17.99	17.89	18.20	18.11	17.84	19.00
15	64QAM	1	37	17.99	18.04	18.02	18.12	17.73	19.00
15	64QAM	1	74	17.90	17.86	18.13	18.08	17.85	19.00
15	64QAM	36	0	18.01	17.82	17.98	18.08	17.69	19.00
15	64QAM	36	20	17.96	17.93	18.18	18.01	17.83	19.00
15	64QAM	36	39	17.97	17.94	17.99	18.12	17.96	19.00
15	64QAM	75	0	17.86	17.99	18.01	18.10	17.93	19.00
15	256QAM	1	0	18.04	17.94	18.10	18.12	17.78	19.00
15	256QAM	1	37	17.92	17.88	18.19	18.12	17.90	19.00
15	256QAM	1	74	18.04	17.85	18.20	18.06	17.85	19.00
15	256QAM	36	0	17.92	17.91	18.20	18.00	17.73	19.00
15	256QAM	36	20	18.03	17.79	18.20	18.10	17.96	19.00
15	256QAM	36	39	17.92	17.94	18.19	18.08	17.91	19.00
15	256QAM	75	0	17.91	17.92	18.19	18.12	17.96	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.02	17.98	18.09	18.07	17.93	19.00
10	QPSK	1	25	17.91	17.97	18.00	17.98	17.83	19.00
10	QPSK	1	49	17.89	17.81	18.09	18.07	17.95	19.00
10	QPSK	25	0	17.99	17.93	18.15	18.10	17.94	19.00
10	QPSK	25	12	18.01	17.99	18.02	18.00	17.83	19.00
10	QPSK	25	25	17.96	17.85	18.11	18.12	17.95	19.00
10	QPSK	50	0	17.91	18.01	18.13	18.10	17.71	19.00
10	16QAM	1	0	17.87	18.03	18.20	18.08	17.84	19.00
10	16QAM	1	25	17.92	17.89	18.13	18.09	17.95	19.00
10	16QAM	1	49	17.99	17.89	18.19	18.12	17.82	19.00
10	16QAM	25	0	17.94	17.94	18.17	18.09	17.89	19.00
10	16QAM	25	12	17.92	18.00	18.20	18.03	17.94	19.00
10	16QAM	25	25	17.99	17.82	18.10	18.05	17.86	19.00
10	16QAM	50	0	17.97	17.92	18.16	18.06	17.78	19.00
10	64QAM	1	0	17.97	17.82	18.16	18.11	17.73	19.00
10	64QAM	1	25	18.10	17.95	18.06	18.11	17.81	19.00
10	64QAM	1	49	17.89	17.88	18.14	18.08	17.83	19.00
10	64QAM	25	0	17.97	17.94	18.08	18.10	17.72	19.00
10	64QAM	25	12	17.88	17.96	18.17	18.03	17.81	19.00
10	64QAM	25	25	18.05	17.94	18.01	18.11	17.96	19.00
10	64QAM	50	0	17.87	17.98	18.05	18.08	17.92	19.00
10	256QAM	1	0	17.94	17.92	18.08	18.12	17.80	19.00
10	256QAM	1	25	17.99	17.98	18.19	18.12	17.93	19.00
10	256QAM	1	49	18.05	17.84	18.12	17.99	17.77	19.00
10	256QAM	25	0	17.82	17.85	18.20	18.08	17.76	19.00
10	256QAM	25	12	18.01	17.89	18.19	18.11	17.89	19.00
10	256QAM	25	25	17.89	17.83	18.19	18.05	17.83	19.00
10	256QAM	50	0	17.89	17.93	18.15	18.11	17.90	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.02	18.00	18.15	18.08	17.92	19.00
5	QPSK	1	12	17.98	17.93	18.02	18.04	17.73	19.00
5	QPSK	1	24	17.99	17.93	17.99	18.11	17.84	19.00
5	QPSK	12	0	17.93	17.93	18.06	18.05	17.96	19.00
5	QPSK	12	7	17.90	17.90	18.09	18.07	17.90	19.00
5	QPSK	12	13	17.94	17.96	18.06	18.11	17.86	19.00
5	QPSK	25	0	17.97	18.02	18.07	18.12	17.80	19.00
5	16QAM	1	0	17.93	18.03	18.20	18.08	17.86	19.00
5	16QAM	1	12	17.90	17.90	18.12	18.12	17.86	19.00
5	16QAM	1	24	18.01	17.89	18.13	18.11	17.71	19.00
5	16QAM	12	0	17.93	17.95	18.20	18.07	17.93	19.00
5	16QAM	12	7	17.97	18.03	18.19	18.09	17.90	19.00
5	16QAM	12	13	17.90	17.81	18.19	18.00	17.89	19.00
5	16QAM	25	0	18.03	17.93	18.17	18.07	17.86	19.00
5	64QAM	1	0	17.89	17.86	18.20	18.11	17.81	19.00
5	64QAM	1	12	18.02	18.02	18.09	18.10	17.80	19.00
5	64QAM	1	24	17.93	17.90	18.13	18.11	17.94	19.00
5	64QAM	12	0	18.06	17.85	18.06	18.11	17.80	19.00
5	64QAM	12	7	17.85	17.93	18.20	18.08	17.78	19.00
5	64QAM	12	13	18.03	17.99	18.03	18.12	17.96	19.00
5	64QAM	25	0	17.88	17.93	18.08	18.11	17.92	19.00
5	256QAM	1	0	18.04	17.95	18.01	18.11	17.89	19.00



5	256QAM	1	12	17.87	17.85	18.18	18.11	17.90	19.00
5	256QAM	1	24	17.93	17.90	18.15	18.00	17.74	19.00
5	256QAM	12	0	17.81	17.85	18.16	18.09	17.77	19.00
5	256QAM	12	7	18.03	17.87	18.20	18.07	17.87	19.00
5	256QAM	12	13	17.88	17.84	18.20	18.02	17.85	19.00
5	256QAM	25	0	17.92	17.86	18.18	18.11	17.86	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 0_Hotspot on】

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	18.10	18.04	18.20	18.12	17.96	19.00
20	QPSK	1	49	18.05	17.99	18.13	18.11	17.85	19.00
20	QPSK	1	99	18.03	17.94	18.13	18.10	17.92	19.00
20	QPSK	50	0	18.05	18.01	18.17	18.15	18.02	19.00
20	QPSK	50	24	18.03	18.00	18.10	18.14	17.94	19.00
20	QPSK	50	50	18.08	17.99	18.16	18.15	17.98	19.00
20	QPSK	100	0	18.02	18.03	18.18	18.27	17.84	19.00
20	16QAM	1	0	18.00	18.08	18.29	18.22	17.94	19.00
20	16QAM	1	49	17.98	17.95	18.22	18.22	17.99	19.00
20	16QAM	1	99	18.10	17.97	18.26	18.29	17.85	19.00
20	16QAM	50	0	18.02	18.01	18.29	18.15	17.97	19.00
20	16QAM	50	24	17.99	18.08	18.30	18.13	17.98	19.00
20	16QAM	50	50	18.02	17.94	18.23	18.12	18.00	19.00
20	16QAM	100	0	18.06	18.03	18.18	18.12	17.87	19.00
20	64QAM	1	0	18.02	17.91	18.27	18.29	17.87	19.00
20	64QAM	1	49	18.13	18.08	18.13	18.29	17.83	19.00
20	64QAM	1	99	18.04	17.95	18.16	18.12	17.97	19.00
20	64QAM	50	0	18.08	17.95	18.12	18.19	17.82	19.00
20	64QAM	50	24	17.98	18.01	18.31	18.14	17.90	19.00
20	64QAM	50	50	18.07	18.00	18.14	18.21	18.01	19.00
20	64QAM	100	0	17.98	18.06	18.11	18.21	17.94	19.00
20	256QAM	1	0	18.09	18.03	18.16	18.16	17.91	19.00
20	256QAM	1	49	18.01	18.00	18.28	18.27	18.01	19.00
20	256QAM	1	99	18.08	17.97	18.25	18.13	17.86	19.00
20	256QAM	50	0	17.96	17.93	18.30	18.11	17.85	19.00
20	256QAM	50	24	18.10	17.94	18.29	18.19	17.99	19.00
20	256QAM	50	50	17.97	17.95	18.30	18.15	17.95	19.00
20	256QAM	100	0	18.03	17.95	18.29	18.29	18.01	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.04	17.96	18.15	18.03	17.86	19.00
15	QPSK	1	37	18.00	17.89	18.07	18.01	17.72	19.00
15	QPSK	1	74	18.00	17.87	18.02	18.11	17.90	19.00
15	QPSK	36	0	17.93	17.96	18.07	18.00	17.88	19.00
15	QPSK	36	20	17.91	17.94	17.98	18.06	17.88	19.00
15	QPSK	36	39	17.98	17.97	18.02	18.02	17.90	19.00
15	QPSK	75	0	17.98	17.89	18.10	18.11	17.80	19.00
15	16QAM	1	0	17.94	17.94	18.19	18.11	17.88	19.00
15	16QAM	1	37	17.94	17.82	18.16	18.12	17.95	19.00
15	16QAM	1	74	18.00	17.91	18.12	18.10	17.79	19.00
15	16QAM	36	0	17.94	17.87	18.20	18.12	17.85	19.00
15	16QAM	36	20	17.86	18.00	18.16	18.07	17.96	19.00
15	16QAM	36	39	17.90	17.89	18.19	18.02	17.91	19.00
15	16QAM	75	0	17.94	17.95	18.06	17.99	17.79	19.00
15	64QAM	1	0	17.99	17.89	18.20	18.11	17.84	19.00
15	64QAM	1	37	17.99	18.04	18.02	18.12	17.73	19.00
15	64QAM	1	74	17.90	17.86	18.13	18.08	17.85	19.00
15	64QAM	36	0	18.01	17.82	17.98	18.08	17.69	19.00
15	64QAM	36	20	17.96	17.93	18.18	18.01	17.83	19.00
15	64QAM	36	39	17.97	17.94	17.99	18.12	17.96	19.00
15	64QAM	75	0	17.86	17.99	18.01	18.10	17.93	19.00
15	256QAM	1	0	18.04	17.94	18.10	18.12	17.78	19.00
15	256QAM	1	37	17.92	17.88	18.19	18.12	17.90	19.00
15	256QAM	1	74	18.04	17.85	18.20	18.06	17.85	19.00
15	256QAM	36	0	17.92	17.91	18.20	18.00	17.73	19.00
15	256QAM	36	20	18.03	17.79	18.20	18.10	17.96	19.00
15	256QAM	36	39	17.92	17.94	18.19	18.08	17.91	19.00
15	256QAM	75	0	17.91	17.92	18.19	18.12	17.96	19.00
Channel				39700	40160	40620	41080	41540	Tune-up



Frequency (MHz)				2501	2547	2593	2639	2685	limit (dBm)
10	QPSK	1	0	18.02	17.98	18.09	18.07	17.93	19.00
10	QPSK	1	25	17.91	17.97	18.00	17.98	17.83	19.00
10	QPSK	1	49	17.89	17.81	18.09	18.07	17.95	19.00
10	QPSK	25	0	17.99	17.93	18.15	18.10	17.94	19.00
10	QPSK	25	12	18.01	17.99	18.02	18.00	17.83	19.00
10	QPSK	25	25	17.96	17.85	18.11	18.12	17.95	19.00
10	QPSK	50	0	17.91	18.01	18.13	18.10	17.71	19.00
10	16QAM	1	0	17.87	18.03	18.20	18.08	17.84	19.00
10	16QAM	1	25	17.92	17.89	18.13	18.09	17.95	19.00
10	16QAM	1	49	17.99	17.89	18.19	18.12	17.82	19.00
10	16QAM	25	0	17.94	17.94	18.17	18.09	17.89	19.00
10	16QAM	25	12	17.92	18.00	18.20	18.03	17.94	19.00
10	16QAM	25	25	17.99	17.82	18.10	18.05	17.86	19.00
10	16QAM	50	0	17.97	17.92	18.16	18.06	17.78	19.00
10	64QAM	1	0	17.97	17.82	18.16	18.11	17.73	19.00
10	64QAM	1	25	18.10	17.95	18.06	18.11	17.81	19.00
10	64QAM	1	49	17.89	17.88	18.14	18.08	17.83	19.00
10	64QAM	25	0	17.97	17.94	18.08	18.10	17.72	19.00
10	64QAM	25	12	17.88	17.96	18.17	18.03	17.81	19.00
10	64QAM	25	25	18.05	17.94	18.01	18.11	17.96	19.00
10	64QAM	50	0	17.87	17.98	18.05	18.08	17.92	19.00
10	256QAM	1	0	17.94	17.92	18.08	18.12	17.80	19.00
10	256QAM	1	25	17.99	17.98	18.19	18.12	17.93	19.00
10	256QAM	1	49	18.05	17.84	18.12	17.99	17.77	19.00
10	256QAM	25	0	17.82	17.85	18.20	18.08	17.76	19.00
10	256QAM	25	12	18.01	17.89	18.19	18.11	17.89	19.00
10	256QAM	25	25	17.89	17.83	18.19	18.05	17.83	19.00
10	256QAM	50	0	17.89	17.93	18.15	18.11	17.90	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.02	18.00	18.15	18.08	17.92	19.00
5	QPSK	1	12	17.98	17.93	18.02	18.04	17.73	19.00
5	QPSK	1	24	17.99	17.93	17.99	18.11	17.84	19.00
5	QPSK	12	0	17.93	17.93	18.06	18.05	17.96	19.00
5	QPSK	12	7	17.90	17.90	18.09	18.07	17.90	19.00
5	QPSK	12	13	17.94	17.96	18.06	18.11	17.86	19.00
5	QPSK	25	0	17.97	18.02	18.07	18.12	17.80	19.00
5	16QAM	1	0	17.93	18.03	18.20	18.08	17.86	19.00
5	16QAM	1	12	17.90	17.90	18.12	18.12	17.86	19.00
5	16QAM	1	24	18.01	17.89	18.13	18.11	17.71	19.00
5	16QAM	12	0	17.93	17.95	18.20	18.07	17.93	19.00
5	16QAM	12	7	17.97	18.03	18.19	18.09	17.90	19.00
5	16QAM	12	13	17.90	17.81	18.19	18.00	17.89	19.00
5	16QAM	25	0	18.03	17.93	18.17	18.07	17.86	19.00
5	64QAM	1	0	17.89	17.86	18.20	18.11	17.81	19.00
5	64QAM	1	12	18.02	18.02	18.09	18.10	17.80	19.00
5	64QAM	1	24	17.93	17.90	18.13	18.11	17.94	19.00
5	64QAM	12	0	18.06	17.85	18.06	18.11	17.80	19.00
5	64QAM	12	7	17.85	17.93	18.20	18.08	17.78	19.00
5	64QAM	12	13	18.03	17.99	18.03	18.12	17.96	19.00
5	64QAM	25	0	17.88	17.93	18.08	18.11	17.92	19.00
5	256QAM	1	0	18.04	17.95	18.01	18.11	17.89	19.00
5	256QAM	1	12	17.87	17.85	18.18	18.11	17.90	19.00
5	256QAM	1	24	17.93	17.90	18.15	18.00	17.74	19.00
5	256QAM	12	0	17.81	17.85	18.16	18.09	17.77	19.00
5	256QAM	12	7	18.03	17.87	18.20	18.07	17.87	19.00
5	256QAM	12	13	17.88	17.84	18.20	18.02	17.85	19.00
5	256QAM	25	0	17.92	17.86	18.18	18.11	17.86	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.30	23.41	23.52	23.46	23.29	24.00
20	QPSK	1	49	23.14	23.31	23.45	23.31	23.12	24.00
20	QPSK	1	99	23.08	23.28	23.44	23.24	23.14	24.00
20	QPSK	50	0	22.31	22.49	22.61	22.40	22.26	23.00
20	QPSK	50	24	22.28	22.39	22.54	22.46	22.23	23.00



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20	QPSK	50	50	22.34	22.36	22.57	22.42	22.22	23.00
20	QPSK	100	0	22.31	22.40	22.57	22.47	22.30	23.00
20	16QAM	1	0	22.22	22.32	22.54	22.43	22.18	23.00
20	16QAM	1	49	22.08	22.19	22.38	22.28	22.12	23.00
20	16QAM	1	99	22.18	22.21	22.42	22.34	22.18	23.00
20	16QAM	50	0	21.17	21.33	21.50	21.30	21.16	22.00
20	16QAM	50	24	21.24	21.31	21.55	21.38	21.22	22.00
20	16QAM	50	50	21.33	21.33	21.56	21.49	21.24	22.00
20	16QAM	100	0	21.26	21.39	21.55	21.36	21.25	22.00
20	64QAM	1	0	21.23	21.39	21.52	21.44	21.23	22.00
20	64QAM	1	49	21.24	21.23	21.46	21.30	21.16	22.00
20	64QAM	1	99	21.16	21.35	21.47	21.37	21.23	22.00
20	64QAM	50	0	20.20	20.29	20.50	20.33	20.17	21.00
20	64QAM	50	24	20.34	20.38	20.61	20.51	20.38	21.00
20	64QAM	50	50	20.19	20.31	20.53	20.42	20.20	21.00
20	64QAM	100	0	20.35	20.43	20.55	20.42	20.27	21.00
20	256QAM	1	0	18.28	18.31	18.51	18.39	18.28	19.00
20	256QAM	1	49	18.19	18.25	18.44	18.27	18.23	19.00
20	256QAM	1	99	18.09	18.25	18.39	18.30	18.08	19.00
20	256QAM	50	0	18.27	18.32	18.50	18.41	18.28	19.00
20	256QAM	50	24	18.32	18.46	18.56	18.47	18.35	19.00
20	256QAM	50	50	18.25	18.28	18.51	18.34	18.30	19.00
20	256QAM	100	0	18.33	18.43	18.57	18.41	18.35	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.23	23.34	23.45	23.31	23.19	24.00
15	QPSK	1	37	23.02	23.25	23.38	23.24	23.11	24.00
15	QPSK	1	74	23.00	23.14	23.35	23.12	23.09	24.00
15	QPSK	36	0	22.23	22.44	22.51	22.32	22.13	23.00
15	QPSK	36	20	22.16	22.34	22.39	22.32	22.18	23.00
15	QPSK	36	39	22.33	22.30	22.46	22.35	22.11	23.00
15	QPSK	75	0	22.21	22.37	22.55	22.39	22.28	23.00
15	16QAM	1	0	22.14	22.21	22.39	22.42	22.10	23.00
15	16QAM	1	37	21.94	22.14	22.33	22.17	22.04	23.00
15	16QAM	1	74	22.16	22.20	22.27	22.20	22.14	23.00
15	16QAM	36	0	21.05	21.24	21.48	21.19	21.11	22.00
15	16QAM	36	20	21.10	21.21	21.46	21.31	21.13	22.00
15	16QAM	36	39	21.28	21.27	21.41	21.38	21.19	22.00
15	16QAM	75	0	21.15	21.36	21.41	21.32	21.20	22.00
15	64QAM	1	0	21.13	21.27	21.50	21.43	21.21	22.00
15	64QAM	1	37	21.10	21.13	21.35	21.25	21.11	22.00
15	64QAM	1	74	21.04	21.24	21.37	21.32	21.16	22.00
15	64QAM	36	0	20.17	20.16	20.49	20.20	20.07	21.00
15	64QAM	36	20	20.21	20.32	20.56	20.50	20.36	21.00
15	64QAM	36	39	20.05	20.19	20.43	20.35	20.11	21.00
15	64QAM	75	0	20.24	20.28	20.46	20.38	20.19	21.00
15	256QAM	1	0	18.16	18.16	18.47	18.30	18.20	19.00
15	256QAM	1	37	18.06	18.12	18.30	18.12	18.09	19.00
15	256QAM	1	74	18.05	18.20	18.37	18.23	18.00	19.00
15	256QAM	36	0	18.17	18.17	18.39	18.30	18.23	19.00
15	256QAM	36	20	18.18	18.34	18.50	18.34	18.34	19.00
15	256QAM	36	39	18.23	18.15	18.44	18.28	18.20	19.00
15	256QAM	75	0	18.26	18.38	18.53	18.31	18.30	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.27	23.29	23.45	23.36	23.19	24.00
10	QPSK	1	25	23.00	23.23	23.30	23.27	23.03	24.00
10	QPSK	1	49	23.06	23.23	23.39	23.20	23.04	24.00
10	QPSK	25	0	22.16	22.40	22.47	22.36	22.25	23.00
10	QPSK	25	12	22.21	22.29	22.43	22.43	22.17	23.00
10	QPSK	25	25	22.29	22.35	22.47	22.35	22.21	23.00
10	QPSK	50	0	22.27	22.32	22.43	22.44	22.29	23.00
10	16QAM	1	0	22.13	22.28	22.49	22.34	22.15	23.00
10	16QAM	1	25	21.93	22.15	22.28	22.22	22.08	23.00
10	16QAM	1	49	22.04	22.17	22.35	22.28	22.03	23.00
10	16QAM	25	0	21.15	21.27	21.46	21.27	21.03	22.00
10	16QAM	25	12	21.16	21.17	21.40	21.28	21.07	22.00
10	16QAM	25	25	21.29	21.27	21.46	21.44	21.12	22.00
10	16QAM	50	0	21.13	21.27	21.50	21.35	21.12	22.00
10	64QAM	1	0	21.15	21.25	21.47	21.37	21.21	22.00
10	64QAM	1	25	21.14	21.19	21.37	21.21	21.07	22.00
10	64QAM	1	49	21.02	21.26	21.44	21.27	21.12	22.00
10	64QAM	25	0	20.15	20.15	20.35	20.20	20.03	21.00
10	64QAM	25	12	20.30	20.26	20.58	20.48	20.28	21.00
10	64QAM	25	25	20.13	20.27	20.48	20.32	20.13	21.00
10	64QAM	50	0	20.24	20.38	20.51	20.35	20.26	21.00



10	256QAM	1	0	18.23	18.22	18.43	18.30	18.21	19.00
10	256QAM	1	25	18.09	18.15	18.31	18.13	18.14	19.00
10	256QAM	1	49	18.00	18.17	18.29	18.23	18.04	19.00
10	256QAM	25	0	18.24	18.20	18.37	18.33	18.14	19.00
10	256QAM	25	12	18.25	18.44	18.54	18.46	18.23	19.00
10	256QAM	25	25	18.20	18.22	18.43	18.25	18.19	19.00
10	256QAM	50	0	18.24	18.35	18.51	18.39	18.24	19.00
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	23.16	23.36	23.37	23.38	23.27	24.00
5	QPSK	1	12	23.01	23.27	23.38	23.21	23.03	24.00
5	QPSK	1	24	22.96	23.24	23.41	23.15	23.10	24.00
5	QPSK	12	0	22.23	22.37	22.55	22.25	22.21	23.00
5	QPSK	12	7	22.15	22.27	22.45	22.43	22.17	23.00
5	QPSK	12	13	22.26	22.27	22.45	22.36	22.13	23.00
5	QPSK	25	0	22.18	22.37	22.48	22.39	22.21	23.00
5	16QAM	1	0	22.15	22.30	22.40	22.32	22.17	23.00
5	16QAM	1	12	21.94	22.17	22.29	22.26	22.02	23.00
5	16QAM	1	24	22.05	22.15	22.41	22.32	22.14	23.00
5	16QAM	12	0	21.07	21.32	21.48	21.20	21.02	22.00
5	16QAM	12	7	21.22	21.17	21.52	21.36	21.15	22.00
5	16QAM	12	13	21.29	21.23	21.49	21.40	21.16	22.00
5	16QAM	25	0	21.17	21.26	21.47	21.30	21.12	22.00
5	64QAM	1	0	21.14	21.35	21.38	21.33	21.18	22.00
5	64QAM	1	12	21.15	21.14	21.39	21.15	21.14	22.00
5	64QAM	1	24	21.05	21.33	21.34	21.31	21.21	22.00
5	64QAM	12	0	20.06	20.26	20.37	20.29	20.11	21.00
5	64QAM	12	7	20.27	20.32	20.49	20.38	20.37	21.00
5	64QAM	12	13	20.12	20.27	20.40	20.39	20.10	21.00
5	64QAM	25	0	20.22	20.31	20.48	20.40	20.23	21.00
5	256QAM	1	0	18.26	18.20	18.50	18.33	18.17	19.00
5	256QAM	1	12	18.09	18.13	18.33	18.25	18.19	19.00
5	256QAM	1	24	17.96	18.12	18.31	18.19	17.99	19.00
5	256QAM	12	0	18.20	18.28	18.42	18.33	18.15	19.00
5	256QAM	12	7	18.25	18.40	18.55	18.36	18.26	19.00
5	256QAM	12	13	18.17	18.22	18.48	18.28	18.28	19.00
5	256QAM	25	0	18.28	18.39	18.56	18.29	18.33	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.30	23.41	23.52	23.46	23.29	24.00
20	QPSK	1	49	23.14	23.31	23.45	23.31	23.12	24.00
20	QPSK	1	99	23.08	23.28	23.44	23.24	23.14	24.00
20	QPSK	50	0	22.31	22.49	22.61	22.40	22.26	23.00
20	QPSK	50	24	22.28	22.39	22.54	22.46	22.23	23.00
20	QPSK	50	50	22.34	22.36	22.57	22.42	22.22	23.00
20	QPSK	100	0	22.31	22.40	22.57	22.47	22.30	23.00
20	16QAM	1	0	22.22	22.32	22.54	22.43	22.18	23.00
20	16QAM	1	49	22.08	22.19	22.38	22.28	22.12	23.00
20	16QAM	1	99	22.18	22.21	22.42	22.34	22.18	23.00
20	16QAM	50	0	21.17	21.33	21.50	21.30	21.16	22.00
20	16QAM	50	24	21.24	21.31	21.55	21.38	21.22	22.00
20	16QAM	50	50	21.33	21.33	21.56	21.49	21.24	22.00
20	16QAM	100	0	21.26	21.39	21.55	21.36	21.25	22.00
20	64QAM	1	0	21.23	21.39	21.52	21.44	21.23	22.00
20	64QAM	1	49	21.24	21.23	21.46	21.30	21.16	22.00
20	64QAM	1	99	21.16	21.35	21.47	21.37	21.23	22.00
20	64QAM	50	0	20.20	20.29	20.50	20.33	20.17	21.00
20	64QAM	50	24	20.34	20.38	20.61	20.51	20.38	21.00
20	64QAM	50	50	20.19	20.31	20.53	20.42	20.20	21.00
20	64QAM	100	0	20.35	20.43	20.55	20.42	20.27	21.00
20	256QAM	1	0	18.28	18.31	18.51	18.39	18.28	19.00
20	256QAM	1	49	18.19	18.25	18.44	18.27	18.23	19.00
20	256QAM	1	99	18.09	18.25	18.39	18.30	18.08	19.00
20	256QAM	50	0	18.27	18.32	18.50	18.41	18.28	19.00
20	256QAM	50	24	18.32	18.46	18.56	18.47	18.35	19.00
20	256QAM	50	50	18.25	18.28	18.51	18.34	18.30	19.00
20	256QAM	100	0	18.33	18.43	18.57	18.41	18.35	19.00



Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.23	23.34	23.45	23.31	23.19	24.00
15	QPSK	1	37	23.02	23.25	23.38	23.24	23.11	24.00
15	QPSK	1	74	23.00	23.14	23.35	23.12	23.09	24.00
15	QPSK	36	0	22.23	22.44	22.51	22.32	22.13	23.00
15	QPSK	36	20	22.16	22.34	22.39	22.32	22.18	23.00
15	QPSK	36	39	22.33	22.30	22.46	22.35	22.11	23.00
15	QPSK	75	0	22.21	22.37	22.55	22.39	22.28	23.00
15	16QAM	1	0	22.14	22.21	22.39	22.42	22.10	23.00
15	16QAM	1	37	21.94	22.14	22.33	22.17	22.04	23.00
15	16QAM	1	74	22.16	22.20	22.27	22.20	22.14	23.00
15	16QAM	36	0	21.05	21.24	21.48	21.19	21.11	22.00
15	16QAM	36	20	21.10	21.21	21.46	21.31	21.13	22.00
15	16QAM	36	39	21.28	21.27	21.41	21.38	21.19	22.00
15	16QAM	75	0	21.15	21.36	21.41	21.32	21.20	22.00
15	64QAM	1	0	21.13	21.27	21.50	21.43	21.21	22.00
15	64QAM	1	37	21.10	21.13	21.35	21.25	21.11	22.00
15	64QAM	1	74	21.04	21.24	21.37	21.32	21.16	22.00
15	64QAM	36	0	20.17	20.16	20.49	20.20	20.07	21.00
15	64QAM	36	20	20.21	20.32	20.56	20.50	20.36	21.00
15	64QAM	36	39	20.05	20.19	20.43	20.35	20.11	21.00
15	64QAM	75	0	20.24	20.28	20.46	20.38	20.19	21.00
15	256QAM	1	0	18.16	18.16	18.47	18.30	18.20	19.00
15	256QAM	1	37	18.06	18.12	18.30	18.12	18.09	19.00
15	256QAM	1	74	18.05	18.20	18.37	18.23	18.00	19.00
15	256QAM	36	0	18.17	18.17	18.39	18.30	18.23	19.00
15	256QAM	36	20	18.18	18.34	18.50	18.34	18.34	19.00
15	256QAM	36	39	18.23	18.15	18.44	18.28	18.20	19.00
15	256QAM	75	0	18.26	18.38	18.53	18.31	18.30	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.27	23.29	23.45	23.36	23.19	24.00
10	QPSK	1	25	23.00	23.23	23.30	23.27	23.03	24.00
10	QPSK	1	49	23.06	23.23	23.39	23.20	23.04	24.00
10	QPSK	25	0	22.16	22.40	22.47	22.36	22.25	23.00
10	QPSK	25	12	22.21	22.29	22.43	22.43	22.17	23.00
10	QPSK	25	25	22.29	22.35	22.47	22.35	22.21	23.00
10	QPSK	50	0	22.27	22.32	22.43	22.44	22.29	23.00
10	16QAM	1	0	22.13	22.28	22.49	22.34	22.15	23.00
10	16QAM	1	25	21.93	22.15	22.28	22.22	22.08	23.00
10	16QAM	1	49	22.04	22.17	22.35	22.28	22.03	23.00
10	16QAM	25	0	21.15	21.27	21.46	21.27	21.03	22.00
10	16QAM	25	12	21.16	21.17	21.40	21.28	21.07	22.00
10	16QAM	25	25	21.29	21.27	21.46	21.44	21.12	22.00
10	16QAM	50	0	21.13	21.27	21.50	21.35	21.12	22.00
10	64QAM	1	0	21.15	21.25	21.47	21.37	21.21	22.00
10	64QAM	1	25	21.14	21.19	21.37	21.21	21.07	22.00
10	64QAM	1	49	21.02	21.26	21.44	21.27	21.12	22.00
10	64QAM	25	0	20.15	20.15	20.35	20.20	20.03	21.00
10	64QAM	25	12	20.30	20.26	20.58	20.48	20.28	21.00
10	64QAM	25	25	20.13	20.27	20.48	20.32	20.13	21.00
10	64QAM	50	0	20.24	20.38	20.51	20.35	20.26	21.00
10	256QAM	1	0	18.23	18.22	18.43	18.30	18.21	19.00
10	256QAM	1	25	18.09	18.15	18.31	18.13	18.14	19.00
10	256QAM	1	49	18.00	18.17	18.29	18.23	18.04	19.00
10	256QAM	25	0	18.24	18.20	18.37	18.33	18.14	19.00
10	256QAM	25	12	18.25	18.44	18.54	18.46	18.23	19.00
10	256QAM	25	25	18.20	18.22	18.43	18.25	18.19	19.00
10	256QAM	50	0	18.24	18.35	18.51	18.39	18.24	19.00
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	23.16	23.36	23.37	23.38	23.27	24.00
5	QPSK	1	12	23.01	23.27	23.38	23.21	23.03	24.00
5	QPSK	1	24	22.96	23.24	23.41	23.15	23.10	24.00
5	QPSK	12	0	22.23	22.37	22.55	22.25	22.21	23.00
5	QPSK	12	7	22.15	22.27	22.45	22.43	22.17	23.00
5	QPSK	12	13	22.26	22.27	22.45	22.36	22.13	23.00
5	QPSK	25	0	22.18	22.37	22.48	22.39	22.21	23.00
5	16QAM	1	0	22.15	22.30	22.40	22.32	22.17	23.00
5	16QAM	1	12	21.94	22.17	22.29	22.26	22.02	23.00
5	16QAM	1	24	22.05	22.15	22.41	22.32	22.14	23.00
5	16QAM	12	0	21.07	21.32	21.48	21.20	21.02	22.00
5	16QAM	12	7	21.22	21.17	21.52	21.36	21.15	22.00
5	16QAM	12	13	21.29	21.23	21.49	21.40	21.16	22.00



5	16QAM	25	0	21.17	21.26	21.47	21.30	21.12	22.00
5	64QAM	1	0	21.14	21.35	21.38	21.33	21.18	22.00
5	64QAM	1	12	21.15	21.14	21.39	21.15	21.14	22.00
5	64QAM	1	24	21.05	21.33	21.34	21.31	21.21	22.00
5	64QAM	12	0	20.06	20.26	20.37	20.29	20.11	21.00
5	64QAM	12	7	20.27	20.32	20.49	20.38	20.37	21.00
5	64QAM	12	13	20.12	20.27	20.40	20.39	20.10	21.00
5	64QAM	25	0	20.22	20.31	20.48	20.40	20.23	21.00
5	256QAM	1	0	18.26	18.20	18.50	18.33	18.17	19.00
5	256QAM	1	12	18.09	18.13	18.33	18.25	18.19	19.00
5	256QAM	1	24	17.96	18.12	18.31	18.19	17.99	19.00
5	256QAM	12	0	18.20	18.28	18.42	18.33	18.15	19.00
5	256QAM	12	7	18.25	18.40	18.55	18.36	18.26	19.00
5	256QAM	12	13	18.17	18.22	18.48	18.28	18.28	19.00
5	256QAM	25	0	18.28	18.39	18.56	18.29	18.33	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 1_Sensor on】

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	18.36	18.50	18.63	18.47	18.37	19.00
20	QPSK	1	49	18.42	18.46	18.53	18.45	18.17	19.00
20	QPSK	1	99	18.31	18.47	18.63	18.45	18.22	19.00
20	QPSK	50	0	18.20	18.46	18.60	18.48	18.29	19.00
20	QPSK	50	24	18.28	18.43	18.53	18.57	18.22	19.00
20	QPSK	50	50	18.22	18.38	18.47	18.35	18.36	19.00
20	QPSK	100	0	18.32	18.30	18.55	18.38	18.32	19.00
20	16QAM	1	0	18.33	18.32	18.60	18.37	18.34	19.00
20	16QAM	1	49	18.27	18.50	18.57	18.57	18.28	19.00
20	16QAM	1	99	18.26	18.50	18.43	18.40	18.18	19.00
20	16QAM	50	0	18.35	18.49	18.55	18.40	18.40	19.00
20	16QAM	50	24	18.19	18.37	18.63	18.54	18.37	19.00
20	16QAM	50	50	18.31	18.39	18.60	18.49	18.20	19.00
20	16QAM	100	0	18.40	18.34	18.63	18.57	18.31	19.00
20	64QAM	1	0	18.30	18.31	18.54	18.39	18.17	19.00
20	64QAM	1	49	18.32	18.33	18.63	18.44	18.30	19.00
20	64QAM	1	99	18.20	18.42	18.44	18.36	18.34	19.00
20	64QAM	50	0	18.32	18.42	18.65	18.63	18.17	19.00
20	64QAM	50	24	18.30	18.42	18.48	18.30	18.25	19.00
20	64QAM	50	50	18.47	18.57	18.52	18.51	18.36	19.00
20	64QAM	100	0	18.19	18.42	18.56	18.51	18.41	19.00
20	256QAM	1	0	18.21	18.49	18.68	18.62	18.23	19.00
20	256QAM	1	49	18.22	18.38	18.37	18.31	18.12	19.00
20	256QAM	1	99	18.42	18.53	18.51	18.49	18.38	19.00
20	256QAM	50	0	18.14	18.41	18.62	18.60	18.42	19.00
20	256QAM	50	24	18.22	18.48	18.68	18.56	18.15	19.00
20	256QAM	50	50	18.44	18.27	18.69	18.57	18.34	19.00
20	256QAM	100	0	18.27	18.36	18.59	18.50	18.23	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.32	18.46	18.53	18.42	18.28	19.00
15	QPSK	1	37	18.33	18.44	18.40	18.34	18.03	19.00
15	QPSK	1	74	18.24	18.45	18.53	18.39	18.09	19.00
15	QPSK	36	0	18.18	18.34	18.48	18.42	18.26	19.00
15	QPSK	36	20	18.13	18.35	18.39	18.47	18.10	19.00
15	QPSK	36	39	18.11	18.33	18.37	18.29	18.26	19.00
15	QPSK	75	0	18.27	18.19	18.49	18.36	18.26	19.00
15	16QAM	1	0	18.23	18.21	18.46	18.31	18.27	19.00
15	16QAM	1	37	18.20	18.37	18.53	18.45	18.19	19.00
15	16QAM	1	74	18.18	18.45	18.35	18.29	18.11	19.00
15	16QAM	36	0	18.27	18.46	18.43	18.27	18.26	19.00
15	16QAM	36	20	18.14	18.30	18.59	18.42	18.24	19.00
15	16QAM	36	39	18.21	18.38	18.56	18.38	18.05	19.00
15	16QAM	75	0	18.35	18.22	18.61	18.47	18.26	19.00
15	64QAM	1	0	18.16	18.25	18.41	18.38	18.15	19.00
15	64QAM	1	37	18.25	18.28	18.60	18.31	18.27	19.00
15	64QAM	1	74	18.17	18.32	18.32	18.31	18.27	19.00
15	64QAM	36	0	18.25	18.37	18.62	18.47	18.06	19.00
15	64QAM	36	20	18.16	18.39	18.45	18.17	18.21	19.00
15	64QAM	36	39	18.34	18.49	18.40	18.41	18.25	19.00



15	64QAM	75	0	18.16	18.36	18.44	18.43	18.29	19.00
15	256QAM	1	0	18.09	18.38	18.61	18.47	18.19	19.00
15	256QAM	1	37	18.18	18.23	18.33	18.26	17.97	19.00
15	256QAM	1	74	18.32	18.40	18.42	18.38	18.31	19.00
15	256QAM	36	0	18.02	18.33	18.61	18.47	18.29	19.00
15	256QAM	36	20	18.12	18.39	18.63	18.47	18.04	19.00
15	256QAM	36	39	18.35	18.24	18.55	18.47	18.25	19.00
15	256QAM	75	0	18.24	18.30	18.49	18.45	18.11	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.33	18.38	18.57	18.45	18.23	19.00
10	QPSK	1	25	18.33	18.40	18.47	18.42	18.05	19.00
10	QPSK	1	49	18.28	18.33	18.49	18.41	18.10	19.00
10	QPSK	25	0	18.10	18.44	18.54	18.35	18.14	19.00
10	QPSK	25	12	18.13	18.41	18.42	18.43	18.15	19.00
10	QPSK	25	25	18.19	18.29	18.45	18.25	18.28	19.00
10	QPSK	50	0	18.20	18.23	18.53	18.27	18.21	19.00
10	16QAM	1	0	18.23	18.23	18.59	18.24	18.21	19.00
10	16QAM	1	25	18.22	18.40	18.51	18.45	18.27	19.00
10	16QAM	1	49	18.16	18.42	18.39	18.33	18.10	19.00
10	16QAM	25	0	18.23	18.36	18.47	18.27	18.32	19.00
10	16QAM	25	12	18.06	18.24	18.51	18.45	18.34	19.00
10	16QAM	25	25	18.23	18.24	18.46	18.38	18.14	19.00
10	16QAM	50	0	18.35	18.23	18.58	18.46	18.28	19.00
10	64QAM	1	0	18.18	18.27	18.45	18.28	18.02	19.00
10	64QAM	1	25	18.21	18.26	18.57	18.33	18.21	19.00
10	64QAM	1	49	18.06	18.28	18.36	18.28	18.31	19.00
10	64QAM	25	0	18.24	18.40	18.60	18.47	18.11	19.00
10	64QAM	25	12	18.29	18.32	18.42	18.15	18.18	19.00
10	64QAM	25	25	18.36	18.49	18.44	18.46	18.32	19.00
10	64QAM	50	0	18.09	18.30	18.44	18.40	18.26	19.00
10	256QAM	1	0	18.18	18.47	18.63	18.45	18.09	19.00
10	256QAM	1	25	18.12	18.23	18.30	18.19	18.09	19.00
10	256QAM	1	49	18.28	18.39	18.38	18.44	18.33	19.00
10	256QAM	25	0	18.08	18.36	18.55	18.47	18.34	19.00
10	256QAM	25	12	18.17	18.46	18.54	18.47	18.03	19.00
10	256QAM	25	25	18.36	18.15	18.57	18.44	18.23	19.00
10	256QAM	50	0	18.15	18.27	18.48	18.41	18.14	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.23	18.36	18.59	18.44	18.34	19.00
5	QPSK	1	12	18.32	18.40	18.39	18.40	18.07	19.00
5	QPSK	1	24	18.29	18.41	18.54	18.36	18.19	19.00
5	QPSK	12	0	18.06	18.34	18.47	18.38	18.14	19.00
5	QPSK	12	7	18.13	18.39	18.46	18.47	18.18	19.00
5	QPSK	12	13	18.15	18.31	18.37	18.33	18.27	19.00
5	QPSK	25	0	18.30	18.20	18.45	18.34	18.25	19.00
5	16QAM	1	0	18.21	18.28	18.57	18.32	18.20	19.00
5	16QAM	1	12	18.19	18.36	18.47	18.46	18.20	19.00
5	16QAM	1	24	18.19	18.41	18.36	18.28	18.03	19.00
5	16QAM	12	0	18.24	18.46	18.46	18.33	18.25	19.00
5	16QAM	12	7	18.11	18.33	18.55	18.45	18.24	19.00
5	16QAM	12	13	18.20	18.25	18.50	18.40	18.14	19.00
5	16QAM	25	0	18.30	18.24	18.59	18.46	18.26	19.00
5	64QAM	1	0	18.25	18.21	18.45	18.25	18.06	19.00
5	64QAM	1	12	18.29	18.24	18.49	18.38	18.25	19.00
5	64QAM	1	24	18.05	18.30	18.41	18.32	18.30	19.00
5	64QAM	12	0	18.24	18.39	18.62	18.47	18.04	19.00
5	64QAM	12	7	18.22	18.31	18.39	18.26	18.23	19.00
5	64QAM	12	13	18.35	18.48	18.44	18.39	18.24	19.00
5	64QAM	25	0	18.06	18.30	18.47	18.42	18.37	19.00
5	256QAM	1	0	18.20	18.37	18.59	18.47	18.18	19.00
5	256QAM	1	12	18.13	18.34	18.29	18.28	17.98	19.00
5	256QAM	1	24	18.36	18.41	18.42	18.47	18.31	19.00
5	256QAM	12	0	18.00	18.36	18.56	18.47	18.35	19.00
5	256QAM	12	7	18.13	18.40	18.53	18.41	18.03	19.00
5	256QAM	12	13	18.34	18.13	18.63	18.47	18.30	19.00
5	256QAM	25	0	18.13	18.24	18.50	18.44	18.16	19.00

**【LTE Band 41__FCC (2496~2690MHz)_Ant 1_Hotspot on】**

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	19.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.36	18.50	18.63	18.47	18.37	19.00
20	QPSK	1	49	18.42	18.46	18.53	18.45	18.17	19.00
20	QPSK	1	99	18.31	18.47	18.63	18.45	18.22	19.00
20	QPSK	50	0	18.20	18.46	18.60	18.48	18.29	19.00
20	QPSK	50	24	18.28	18.43	18.53	18.57	18.22	19.00
20	QPSK	50	50	18.22	18.38	18.47	18.35	18.36	19.00
20	QPSK	100	0	18.32	18.30	18.55	18.38	18.32	19.00
20	16QAM	1	0	18.33	18.32	18.60	18.37	18.34	19.00
20	16QAM	1	49	18.27	18.50	18.57	18.57	18.28	19.00
20	16QAM	1	99	18.26	18.50	18.43	18.40	18.18	19.00
20	16QAM	50	0	18.35	18.49	18.55	18.40	18.40	19.00
20	16QAM	50	24	18.19	18.37	18.63	18.54	18.37	19.00
20	16QAM	50	50	18.31	18.39	18.60	18.49	18.20	19.00
20	16QAM	100	0	18.40	18.34	18.63	18.57	18.31	19.00
20	64QAM	1	0	18.30	18.31	18.54	18.39	18.17	19.00
20	64QAM	1	49	18.32	18.33	18.63	18.44	18.30	19.00
20	64QAM	1	99	18.20	18.42	18.44	18.36	18.34	19.00
20	64QAM	50	0	18.32	18.42	18.65	18.63	18.17	19.00
20	64QAM	50	24	18.30	18.42	18.48	18.30	18.25	19.00
20	64QAM	50	50	18.47	18.57	18.52	18.51	18.36	19.00
20	64QAM	100	0	18.19	18.42	18.56	18.51	18.41	19.00
20	256QAM	1	0	18.21	18.49	18.68	18.62	18.23	19.00
20	256QAM	1	49	18.22	18.38	18.37	18.31	18.12	19.00
20	256QAM	1	99	18.42	18.53	18.51	18.49	18.38	19.00
20	256QAM	50	0	18.14	18.41	18.62	18.60	18.42	19.00
20	256QAM	50	24	18.22	18.48	18.68	18.56	18.15	19.00
20	256QAM	50	50	18.44	18.27	18.69	18.57	18.34	19.00
20	256QAM	100	0	18.27	18.36	18.59	18.50	18.23	19.00
Channel				39725	40173	40620	41068	41515	19.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.32	18.46	18.53	18.42	18.28	19.00
15	QPSK	1	37	18.33	18.44	18.40	18.34	18.03	19.00
15	QPSK	1	74	18.24	18.45	18.53	18.39	18.09	19.00
15	QPSK	36	0	18.18	18.34	18.48	18.42	18.26	19.00
15	QPSK	36	20	18.13	18.35	18.39	18.47	18.10	19.00
15	QPSK	36	39	18.11	18.33	18.37	18.29	18.26	19.00
15	QPSK	75	0	18.27	18.19	18.49	18.36	18.26	19.00
15	16QAM	1	0	18.23	18.21	18.46	18.31	18.27	19.00
15	16QAM	1	37	18.20	18.37	18.53	18.45	18.19	19.00
15	16QAM	1	74	18.18	18.45	18.35	18.29	18.11	19.00
15	16QAM	36	0	18.27	18.46	18.43	18.27	18.26	19.00
15	16QAM	36	20	18.14	18.30	18.59	18.42	18.24	19.00
15	16QAM	36	39	18.21	18.38	18.56	18.38	18.05	19.00
15	16QAM	75	0	18.35	18.22	18.61	18.47	18.26	19.00
15	64QAM	1	0	18.16	18.25	18.41	18.38	18.15	19.00
15	64QAM	1	37	18.25	18.28	18.60	18.31	18.27	19.00
15	64QAM	1	74	18.17	18.32	18.32	18.31	18.27	19.00
15	64QAM	36	0	18.25	18.37	18.62	18.47	18.06	19.00
15	64QAM	36	20	18.16	18.39	18.45	18.17	18.21	19.00
15	64QAM	36	39	18.34	18.49	18.40	18.41	18.25	19.00
15	64QAM	75	0	18.16	18.36	18.44	18.43	18.29	19.00
15	256QAM	1	0	18.09	18.38	18.61	18.47	18.19	19.00
15	256QAM	1	37	18.18	18.23	18.33	18.26	17.97	19.00
15	256QAM	1	74	18.32	18.40	18.42	18.38	18.31	19.00
15	256QAM	36	0	18.02	18.33	18.61	18.47	18.29	19.00
15	256QAM	36	20	18.12	18.39	18.63	18.47	18.04	19.00
15	256QAM	36	39	18.35	18.24	18.55	18.47	18.25	19.00
15	256QAM	75	0	18.24	18.30	18.49	18.45	18.11	19.00
Channel				39700	40160	40620	41080	41540	19.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.33	18.38	18.57	18.45	18.23	19.00
10	QPSK	1	25	18.33	18.40	18.47	18.42	18.05	19.00
10	QPSK	1	49	18.28	18.33	18.49	18.41	18.10	19.00
10	QPSK	25	0	18.10	18.44	18.54	18.35	18.14	19.00
10	QPSK	25	12	18.13	18.41	18.42	18.43	18.15	19.00
10	QPSK	25	25	18.19	18.29	18.45	18.25	18.28	19.00
10	QPSK	50	0	18.20	18.23	18.53	18.27	18.21	19.00
10	16QAM	1	0	18.23	18.23	18.59	18.24	18.21	19.00
10	16QAM	1	25	18.22	18.40	18.51	18.45	18.27	19.00



10	16QAM	1	49	18.16	18.42	18.39	18.33	18.10	19.00
10	16QAM	25	0	18.23	18.36	18.47	18.27	18.32	19.00
10	16QAM	25	12	18.06	18.24	18.51	18.45	18.34	19.00
10	16QAM	25	25	18.23	18.24	18.46	18.38	18.14	19.00
10	16QAM	50	0	18.35	18.23	18.58	18.46	18.28	19.00
10	64QAM	1	0	18.18	18.27	18.45	18.28	18.02	19.00
10	64QAM	1	25	18.21	18.26	18.57	18.33	18.21	19.00
10	64QAM	1	49	18.06	18.28	18.36	18.28	18.31	19.00
10	64QAM	25	0	18.24	18.40	18.60	18.47	18.11	19.00
10	64QAM	25	12	18.29	18.32	18.42	18.15	18.18	19.00
10	64QAM	25	25	18.36	18.49	18.44	18.46	18.32	19.00
10	64QAM	50	0	18.09	18.30	18.44	18.40	18.26	19.00
10	256QAM	1	0	18.18	18.47	18.63	18.45	18.09	19.00
10	256QAM	1	25	18.12	18.23	18.30	18.19	18.09	19.00
10	256QAM	1	49	18.28	18.39	18.38	18.44	18.33	19.00
10	256QAM	25	0	18.08	18.36	18.55	18.47	18.34	19.00
10	256QAM	25	12	18.17	18.46	18.54	18.47	18.03	19.00
10	256QAM	25	25	18.36	18.15	18.57	18.44	18.23	19.00
10	256QAM	50	0	18.15	18.27	18.48	18.41	18.14	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.23	18.36	18.59	18.44	18.34	19.00
5	QPSK	1	12	18.32	18.40	18.39	18.40	18.07	19.00
5	QPSK	1	24	18.29	18.41	18.54	18.36	18.19	19.00
5	QPSK	12	0	18.06	18.34	18.47	18.38	18.14	19.00
5	QPSK	12	7	18.13	18.39	18.46	18.47	18.18	19.00
5	QPSK	12	13	18.15	18.31	18.37	18.33	18.27	19.00
5	QPSK	25	0	18.30	18.20	18.45	18.34	18.25	19.00
5	16QAM	1	0	18.21	18.28	18.57	18.32	18.20	19.00
5	16QAM	1	12	18.19	18.36	18.47	18.46	18.20	19.00
5	16QAM	1	24	18.19	18.41	18.36	18.28	18.03	19.00
5	16QAM	12	0	18.24	18.46	18.46	18.33	18.25	19.00
5	16QAM	12	7	18.11	18.33	18.55	18.45	18.24	19.00
5	16QAM	12	13	18.20	18.25	18.50	18.40	18.14	19.00
5	16QAM	25	0	18.30	18.24	18.59	18.46	18.26	19.00
5	64QAM	1	0	18.25	18.21	18.45	18.25	18.06	19.00
5	64QAM	1	12	18.29	18.24	18.49	18.38	18.25	19.00
5	64QAM	1	24	18.05	18.30	18.41	18.32	18.30	19.00
5	64QAM	12	0	18.24	18.39	18.62	18.47	18.04	19.00
5	64QAM	12	7	18.22	18.31	18.39	18.26	18.23	19.00
5	64QAM	12	13	18.35	18.48	18.44	18.39	18.24	19.00
5	64QAM	25	0	18.06	18.30	18.47	18.42	18.37	19.00
5	256QAM	1	0	18.20	18.37	18.59	18.47	18.18	19.00
5	256QAM	1	12	18.13	18.34	18.29	18.28	17.98	19.00
5	256QAM	1	24	18.36	18.41	18.42	18.47	18.31	19.00
5	256QAM	12	0	18.00	18.36	18.56	18.47	18.35	19.00
5	256QAM	12	7	18.13	18.40	18.53	18.41	18.03	19.00
5	256QAM	12	13	18.34	18.13	18.63	18.47	18.30	19.00
5	256QAM	25	0	18.13	18.24	18.50	18.44	18.16	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 4_Sensor off】

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	22.70	22.52	23.03	22.84	22.98	24.00
20	QPSK	1	49	22.48	22.36	22.90	22.68	22.75	24.00
20	QPSK	1	99	22.52	22.23	22.86	22.61	22.76	24.00
20	QPSK	50	0	21.67	21.44	22.05	21.81	21.87	23.00
20	QPSK	50	24	21.60	21.45	22.03	21.82	21.84	23.00
20	QPSK	50	50	21.63	21.45	21.98	21.78	21.80	23.00
20	QPSK	100	0	21.54	21.40	21.97	21.72	21.84	23.00
20	16QAM	1	0	21.50	21.31	21.94	21.69	21.86	23.00
20	16QAM	1	49	21.41	21.25	21.80	21.51	21.66	23.00
20	16QAM	1	99	21.41	21.23	21.80	21.47	21.63	23.00
20	16QAM	50	0	20.53	20.39	20.93	20.62	20.83	22.00
20	16QAM	50	24	20.62	20.40	20.99	20.78	20.84	22.00
20	16QAM	50	50	20.57	20.42	20.95	20.64	20.89	22.00
20	16QAM	100	0	20.63	20.41	21.00	20.81	20.93	22.00
20	64QAM	1	0	20.67	20.45	21.05	20.74	20.89	22.00
20	64QAM	1	49	20.68	20.49	21.00	20.72	20.91	22.00



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20	64QAM	1	99	20.69	20.45	21.03	20.83	20.94	22.00
20	64QAM	50	0	19.46	19.38	19.90	19.60	19.83	21.00
20	64QAM	50	24	19.67	19.50	20.01	19.81	19.88	21.00
20	64QAM	50	50	19.62	19.43	19.98	19.74	19.79	21.00
20	64QAM	100	0	19.65	19.43	20.00	19.71	19.84	21.00
20	256QAM	1	0	17.61	17.51	17.94	17.72	17.83	19.00
20	256QAM	1	49	17.58	17.46	17.91	17.65	17.82	19.00
20	256QAM	1	99	17.51	17.44	17.85	17.64	17.75	19.00
20	256QAM	50	0	17.50	17.47	17.90	17.72	17.80	19.00
20	256QAM	50	24	17.59	17.58	17.99	17.71	17.91	19.00
20	256QAM	50	50	17.68	17.51	17.98	17.76	17.83	19.00
20	256QAM	100	0	17.70	17.69	18.10	17.81	17.91	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.66	22.46	23.00	22.78	22.96	24.00
15	QPSK	1	37	22.39	22.35	22.82	22.61	22.73	24.00
15	QPSK	1	74	22.46	22.21	22.79	22.59	22.62	24.00
15	QPSK	36	0	21.63	21.41	21.97	21.74	21.72	23.00
15	QPSK	36	20	21.54	21.41	21.90	21.67	21.76	23.00
15	QPSK	36	39	21.61	21.34	21.89	21.70	21.68	23.00
15	QPSK	75	0	21.40	21.37	21.88	21.66	21.82	23.00
15	16QAM	1	0	21.41	21.23	21.93	21.63	21.76	23.00
15	16QAM	1	37	21.30	21.23	21.77	21.36	21.60	23.00
15	16QAM	1	74	21.30	21.22	21.68	21.37	21.48	23.00
15	16QAM	36	0	20.40	20.35	20.78	20.59	20.82	22.00
15	16QAM	36	20	20.54	20.28	20.93	20.67	20.73	22.00
15	16QAM	36	39	20.53	20.35	20.85	20.62	20.76	22.00
15	16QAM	75	0	20.52	20.39	20.95	20.75	20.87	22.00
15	64QAM	1	0	20.56	20.38	20.97	20.69	20.85	22.00
15	64QAM	1	37	20.61	20.38	20.96	20.60	20.90	22.00
15	64QAM	1	74	20.64	20.36	20.96	20.81	20.86	22.00
15	64QAM	36	0	19.37	19.35	19.80	19.50	19.69	21.00
15	64QAM	36	20	19.61	19.43	19.93	19.78	19.73	21.00
15	64QAM	36	39	19.59	19.41	19.94	19.64	19.77	21.00
15	64QAM	75	0	19.64	19.33	19.96	19.66	19.75	21.00
15	256QAM	1	0	17.53	17.44	17.83	17.70	17.74	19.00
15	256QAM	1	37	17.47	17.38	17.88	17.63	17.76	19.00
15	256QAM	1	74	17.42	17.33	17.77	17.62	17.72	19.00
15	256QAM	36	0	17.37	17.40	17.82	17.68	17.72	19.00
15	256QAM	36	20	17.46	17.55	17.84	17.59	17.82	19.00
15	256QAM	36	39	17.66	17.48	17.94	17.64	17.79	19.00
15	256QAM	75	0	17.63	17.61	17.98	17.70	17.77	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.60	22.39	22.96	22.75	22.90	24.00
10	QPSK	1	25	22.45	22.25	22.82	22.56	22.64	24.00
10	QPSK	1	49	22.48	22.10	22.77	22.50	22.69	24.00
10	QPSK	25	0	21.65	21.42	22.01	21.67	21.80	23.00
10	QPSK	25	12	21.49	21.39	21.88	21.73	21.70	23.00
10	QPSK	25	25	21.52	21.40	21.95	21.72	21.79	23.00
10	QPSK	50	0	21.43	21.30	21.92	21.61	21.77	23.00
10	16QAM	1	0	21.41	21.29	21.80	21.59	21.82	23.00
10	16QAM	1	25	21.38	21.18	21.79	21.41	21.61	23.00
10	16QAM	1	49	21.33	21.20	21.70	21.37	21.59	23.00
10	16QAM	25	0	20.45	20.30	20.82	20.49	20.74	22.00
10	16QAM	25	12	20.48	20.29	20.84	20.74	20.75	22.00
10	16QAM	25	25	20.53	20.29	20.81	20.56	20.80	22.00
10	16QAM	50	0	20.61	20.34	20.97	20.67	20.90	22.00
10	64QAM	1	0	20.62	20.40	20.92	20.63	20.81	22.00
10	64QAM	1	25	20.64	20.36	20.96	20.61	20.89	22.00
10	64QAM	1	49	20.65	20.37	20.92	20.80	20.84	22.00
10	64QAM	25	0	19.41	19.28	19.88	19.58	19.82	21.00
10	64QAM	25	12	19.58	19.44	20.00	19.66	19.74	21.00
10	64QAM	25	25	19.57	19.34	19.93	19.73	19.74	21.00
10	64QAM	50	0	19.55	19.39	19.87	19.65	19.79	21.00
10	256QAM	1	0	17.53	17.39	17.81	17.70	17.73	19.00
10	256QAM	1	25	17.55	17.34	17.86	17.60	17.68	19.00
10	256QAM	1	49	17.36	17.34	17.74	17.59	17.65	19.00
10	256QAM	25	0	17.42	17.35	17.76	17.66	17.70	19.00
10	256QAM	25	12	17.45	17.52	17.88	17.70	17.81	19.00
10	256QAM	25	25	17.60	17.43	17.86	17.65	17.80	19.00
10	256QAM	50	0	17.67	17.67	17.95	17.70	17.86	19.00
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	22.67	22.47	22.93	22.82	22.87	24.00



5	QPSK	1	12	22.39	22.34	22.87	22.54	22.70	24.00
5	QPSK	1	24	22.42	22.13	22.81	22.59	22.66	24.00
5	QPSK	12	0	21.59	21.41	21.93	21.75	21.80	23.00
5	QPSK	12	7	21.55	21.35	22.02	21.74	21.79	23.00
5	QPSK	12	13	21.60	21.39	21.93	21.73	21.78	23.00
5	QPSK	25	0	21.50	21.36	21.86	21.71	21.82	23.00
5	16QAM	1	0	21.42	21.17	21.80	21.65	21.73	23.00
5	16QAM	1	12	21.35	21.12	21.68	21.36	21.62	23.00
5	16QAM	1	24	21.37	21.10	21.71	21.45	21.50	23.00
5	16QAM	12	0	20.50	20.30	20.78	20.53	20.79	22.00
5	16QAM	12	7	20.58	20.30	20.94	20.72	20.82	22.00
5	16QAM	12	13	20.43	20.27	20.90	20.59	20.79	22.00
5	16QAM	25	0	20.53	20.32	20.94	20.71	20.83	22.00
5	64QAM	1	0	20.65	20.31	20.95	20.60	20.83	22.00
5	64QAM	1	12	20.61	20.37	20.86	20.66	20.76	22.00
5	64QAM	1	24	20.61	20.37	20.97	20.76	20.87	22.00
5	64QAM	12	0	19.43	19.30	19.82	19.58	19.79	21.00
5	64QAM	12	7	19.62	19.45	19.88	19.69	19.86	21.00
5	64QAM	12	13	19.60	19.38	19.95	19.64	19.78	21.00
5	64QAM	25	0	19.56	19.33	19.92	19.67	19.70	21.00
5	256QAM	1	0	17.51	17.49	17.79	17.62	17.72	19.00
5	256QAM	1	12	17.45	17.37	17.76	17.60	17.76	19.00
5	256QAM	1	24	17.46	17.31	17.78	17.62	17.71	19.00
5	256QAM	12	0	17.41	17.36	17.82	17.70	17.66	19.00
5	256QAM	12	7	17.48	17.56	17.91	17.67	17.79	19.00
5	256QAM	12	13	17.55	17.47	17.96	17.65	17.71	19.00
5	256QAM	25	0	17.66	17.64	18.09	17.78	17.85	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 4_Full Power】

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	22.70	22.52	23.03	22.84	22.98	24.00
20	QPSK	1	49	22.48	22.36	22.90	22.68	22.75	24.00
20	QPSK	1	99	22.52	22.23	22.86	22.61	22.76	24.00
20	QPSK	50	0	21.67	21.44	22.05	21.81	21.87	23.00
20	QPSK	50	24	21.60	21.45	22.03	21.82	21.84	23.00
20	QPSK	50	50	21.63	21.45	21.98	21.78	21.80	23.00
20	QPSK	100	0	21.54	21.40	21.97	21.72	21.84	23.00
20	16QAM	1	0	21.50	21.31	21.94	21.69	21.86	23.00
20	16QAM	1	49	21.41	21.25	21.80	21.51	21.66	23.00
20	16QAM	1	99	21.41	21.23	21.80	21.47	21.63	23.00
20	16QAM	50	0	20.53	20.39	20.93	20.62	20.83	22.00
20	16QAM	50	24	20.62	20.40	20.99	20.78	20.84	22.00
20	16QAM	50	50	20.57	20.42	20.95	20.64	20.89	22.00
20	16QAM	100	0	20.63	20.41	21.00	20.81	20.93	22.00
20	64QAM	1	0	20.67	20.45	21.05	20.74	20.89	22.00
20	64QAM	1	49	20.68	20.49	21.00	20.72	20.91	22.00
20	64QAM	1	99	20.69	20.45	21.03	20.83	20.94	22.00
20	64QAM	50	0	19.46	19.38	19.90	19.60	19.83	21.00
20	64QAM	50	24	19.67	19.50	20.01	19.81	19.88	21.00
20	64QAM	50	50	19.62	19.43	19.98	19.74	19.79	21.00
20	64QAM	100	0	19.65	19.43	20.00	19.71	19.84	21.00
20	256QAM	1	0	17.61	17.51	17.94	17.72	17.83	19.00
20	256QAM	1	49	17.58	17.46	17.91	17.65	17.82	19.00
20	256QAM	1	99	17.51	17.44	17.85	17.64	17.75	19.00
20	256QAM	50	0	17.50	17.47	17.90	17.72	17.80	19.00
20	256QAM	50	24	17.59	17.58	17.99	17.71	17.91	19.00
20	256QAM	50	50	17.68	17.51	17.98	17.76	17.83	19.00
20	256QAM	100	0	17.70	17.69	18.10	17.81	17.91	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.66	22.46	23.00	22.78	22.96	24.00
15	QPSK	1	37	22.39	22.35	22.82	22.61	22.73	24.00
15	QPSK	1	74	22.46	22.21	22.79	22.59	22.62	24.00
15	QPSK	36	0	21.63	21.41	21.97	21.74	21.72	23.00
15	QPSK	36	20	21.54	21.41	21.90	21.67	21.76	23.00
15	QPSK	36	39	21.61	21.34	21.89	21.70	21.68	23.00
15	QPSK	75	0	21.40	21.37	21.88	21.66	21.82	23.00
15	16QAM	1	0	21.41	21.23	21.93	21.63	21.76	23.00



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15	16QAM	1	37	21.30	21.23	21.77	21.36	21.60	23.00
15	16QAM	1	74	21.30	21.22	21.68	21.37	21.48	23.00
15	16QAM	36	0	20.40	20.35	20.78	20.59	20.82	22.00
15	16QAM	36	20	20.54	20.28	20.93	20.67	20.73	22.00
15	16QAM	36	39	20.53	20.35	20.85	20.62	20.76	22.00
15	16QAM	75	0	20.52	20.39	20.95	20.75	20.87	22.00
15	64QAM	1	0	20.56	20.38	20.97	20.69	20.85	22.00
15	64QAM	1	37	20.61	20.38	20.96	20.60	20.90	22.00
15	64QAM	1	74	20.64	20.36	20.96	20.81	20.86	22.00
15	64QAM	36	0	19.37	19.35	19.80	19.50	19.69	21.00
15	64QAM	36	20	19.61	19.43	19.93	19.78	19.73	21.00
15	64QAM	36	39	19.59	19.41	19.94	19.64	19.77	21.00
15	64QAM	75	0	19.64	19.33	19.96	19.66	19.75	21.00
15	256QAM	1	0	17.53	17.44	17.83	17.70	17.74	19.00
15	256QAM	1	37	17.47	17.38	17.88	17.63	17.76	19.00
15	256QAM	1	74	17.42	17.33	17.77	17.62	17.72	19.00
15	256QAM	36	0	17.37	17.40	17.82	17.68	17.72	19.00
15	256QAM	36	20	17.46	17.55	17.84	17.59	17.82	19.00
15	256QAM	36	39	17.66	17.48	17.94	17.64	17.79	19.00
15	256QAM	75	0	17.63	17.61	17.98	17.70	17.77	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.60	22.39	22.96	22.75	22.90	24.00
10	QPSK	1	25	22.45	22.25	22.82	22.56	22.64	24.00
10	QPSK	1	49	22.48	22.10	22.77	22.50	22.69	24.00
10	QPSK	25	0	21.65	21.42	22.01	21.67	21.80	23.00
10	QPSK	25	12	21.49	21.39	21.88	21.73	21.70	23.00
10	QPSK	25	25	21.52	21.40	21.95	21.72	21.79	23.00
10	QPSK	50	0	21.43	21.30	21.92	21.61	21.77	23.00
10	16QAM	1	0	21.41	21.29	21.80	21.59	21.82	23.00
10	16QAM	1	25	21.38	21.18	21.79	21.41	21.61	23.00
10	16QAM	1	49	21.33	21.20	21.70	21.37	21.59	23.00
10	16QAM	25	0	20.45	20.30	20.82	20.49	20.74	22.00
10	16QAM	25	12	20.48	20.29	20.84	20.74	20.75	22.00
10	16QAM	25	25	20.53	20.29	20.81	20.56	20.80	22.00
10	16QAM	50	0	20.61	20.34	20.97	20.67	20.90	22.00
10	64QAM	1	0	20.62	20.40	20.92	20.63	20.81	22.00
10	64QAM	1	25	20.64	20.36	20.96	20.61	20.89	22.00
10	64QAM	1	49	20.65	20.37	20.92	20.80	20.84	22.00
10	64QAM	25	0	19.41	19.28	19.88	19.58	19.82	21.00
10	64QAM	25	12	19.58	19.44	20.00	19.66	19.74	21.00
10	64QAM	25	25	19.57	19.34	19.93	19.73	19.74	21.00
10	64QAM	50	0	19.55	19.39	19.87	19.65	19.79	21.00
10	256QAM	1	0	17.53	17.39	17.81	17.70	17.73	19.00
10	256QAM	1	25	17.55	17.34	17.86	17.60	17.68	19.00
10	256QAM	1	49	17.36	17.34	17.74	17.59	17.65	19.00
10	256QAM	25	0	17.42	17.35	17.76	17.66	17.70	19.00
10	256QAM	25	12	17.45	17.52	17.88	17.70	17.81	19.00
10	256QAM	25	25	17.60	17.43	17.86	17.65	17.80	19.00
10	256QAM	50	0	17.67	17.67	17.95	17.70	17.86	19.00
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	22.67	22.47	22.93	22.82	22.87	24.00
5	QPSK	1	12	22.39	22.34	22.87	22.54	22.70	24.00
5	QPSK	1	24	22.42	22.13	22.81	22.59	22.66	24.00
5	QPSK	12	0	21.59	21.41	21.93	21.75	21.80	23.00
5	QPSK	12	7	21.55	21.35	22.02	21.74	21.79	23.00
5	QPSK	12	13	21.60	21.39	21.93	21.73	21.78	23.00
5	QPSK	25	0	21.50	21.36	21.86	21.71	21.82	23.00
5	16QAM	1	0	21.42	21.17	21.80	21.65	21.73	23.00
5	16QAM	1	12	21.35	21.12	21.68	21.36	21.62	23.00
5	16QAM	1	24	21.37	21.10	21.71	21.45	21.50	23.00
5	16QAM	12	0	20.50	20.30	20.78	20.53	20.79	22.00
5	16QAM	12	7	20.58	20.30	20.94	20.72	20.82	22.00
5	16QAM	12	13	20.43	20.27	20.90	20.59	20.79	22.00
5	16QAM	25	0	20.53	20.32	20.94	20.71	20.83	22.00
5	64QAM	1	0	20.65	20.31	20.95	20.60	20.83	22.00
5	64QAM	1	12	20.61	20.37	20.86	20.66	20.76	22.00
5	64QAM	1	24	20.61	20.37	20.97	20.76	20.87	22.00
5	64QAM	12	0	19.43	19.30	19.82	19.58	19.79	21.00
5	64QAM	12	7	19.62	19.45	19.88	19.69	19.86	21.00
5	64QAM	12	13	19.60	19.38	19.95	19.64	19.78	21.00
5	64QAM	25	0	19.56	19.33	19.92	19.67	19.70	21.00
5	256QAM	1	0	17.51	17.49	17.79	17.62	17.72	19.00
5	256QAM	1	12	17.45	17.37	17.76	17.60	17.76	19.00
5	256QAM	1	24	17.46	17.31	17.78	17.62	17.71	19.00



5	256QAM	12	0	17.41	17.36	17.82	17.70	17.66	19.00
5	256QAM	12	7	17.48	17.56	17.91	17.67	17.79	19.00
5	256QAM	12	13	17.55	17.47	17.96	17.65	17.71	19.00
5	256QAM	25	0	17.66	17.64	18.09	17.78	17.85	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	21.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.89	19.63	20.06	19.99	19.98	21.00
20	QPSK	1	49	19.79	19.61	20.04	19.92	19.91	21.00
20	QPSK	1	99	19.66	19.61	20.01	19.92	19.93	21.00
20	QPSK	50	0	19.74	19.65	20.05	19.93	20.01	21.00
20	QPSK	50	24	19.62	19.62	20.01	19.87	19.70	21.00
20	QPSK	50	50	19.72	19.50	19.91	19.85	19.95	21.00
20	QPSK	100	0	19.69	19.56	19.93	19.90	20.00	21.00
20	16QAM	1	0	19.74	19.50	20.15	19.96	20.02	21.00
20	16QAM	1	49	19.79	19.52	20.14	19.85	20.07	21.00
20	16QAM	1	99	19.62	19.49	20.05	19.79	20.02	21.00
20	16QAM	50	0	19.71	19.47	20.02	19.87	20.01	21.00
20	16QAM	50	24	19.68	19.57	20.05	19.90	20.07	21.00
20	16QAM	50	50	19.73	19.47	20.15	19.89	19.87	21.00
20	16QAM	100	0	19.80	19.49	19.92	19.83	20.02	21.00
20	64QAM	1	0	19.65	19.64	20.06	19.74	20.03	21.00
20	64QAM	1	49	19.60	19.40	20.05	19.77	20.00	21.00
20	64QAM	1	99	19.78	19.44	20.04	19.88	19.95	21.00
20	64QAM	50	0	19.79	19.43	19.94	19.89	19.97	21.00
20	64QAM	50	24	19.70	19.61	20.02	19.91	20.06	21.00
20	64QAM	50	50	19.71	19.45	19.97	19.83	20.03	21.00
20	64QAM	100	0	19.59	19.43	20.02	19.89	19.89	21.00
20	256QAM	1	0	17.61	17.51	17.94	17.72	17.83	19.00
20	256QAM	1	49	17.58	17.46	17.91	17.65	17.82	19.00
20	256QAM	1	99	17.51	17.44	17.85	17.64	17.75	19.00
20	256QAM	50	0	17.50	17.47	17.90	17.72	17.80	19.00
20	256QAM	50	24	17.59	17.58	17.99	17.71	17.91	19.00
20	256QAM	50	50	17.68	17.51	17.98	17.76	17.83	19.00
20	256QAM	100	0	17.70	17.69	18.10	17.81	17.91	19.00
Channel				39725	40173	40620	41068	41515	21.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.57	19.32	19.99	19.87	19.85	21.00
15	QPSK	1	37	19.58	19.42	20.01	19.88	19.77	21.00
15	QPSK	1	74	19.53	19.42	19.86	19.89	19.89	21.00
15	QPSK	36	0	19.57	19.43	20.03	19.81	19.88	21.00
15	QPSK	36	20	19.59	19.43	19.90	19.78	19.89	21.00
15	QPSK	36	39	19.58	19.35	19.81	19.79	19.89	21.00
15	QPSK	75	0	19.58	19.41	19.80	19.83	19.89	21.00
15	16QAM	1	0	19.58	19.41	20.05	19.86	19.88	21.00
15	16QAM	1	37	19.58	19.39	20.06	19.77	19.88	21.00
15	16QAM	1	74	19.58	19.35	19.92	19.68	19.88	21.00
15	16QAM	36	0	19.59	19.33	20.00	19.74	19.89	21.00
15	16QAM	36	20	19.58	19.43	19.90	19.86	19.89	21.00
15	16QAM	36	39	19.59	19.37	20.01	19.85	19.82	21.00
15	16QAM	75	0	19.59	19.42	19.83	19.78	19.88	21.00
15	64QAM	1	0	19.58	19.43	19.95	19.59	19.88	21.00
15	64QAM	1	37	19.56	19.28	19.95	19.70	19.89	21.00
15	64QAM	1	74	19.57	19.34	19.99	19.77	19.85	21.00
15	64QAM	36	0	19.58	19.32	19.88	19.83	19.89	21.00
15	64QAM	36	20	19.59	19.43	19.88	19.89	19.89	21.00
15	64QAM	36	39	19.59	19.33	19.91	19.77	19.89	21.00
15	64QAM	75	0	19.46	19.39	20.01	19.82	19.81	21.00
15	256QAM	1	0	17.48	17.48	17.84	17.65	17.81	19.00
15	256QAM	1	37	17.45	17.42	17.85	17.51	17.80	19.00
15	256QAM	1	74	17.43	17.34	17.82	17.58	17.63	19.00
15	256QAM	36	0	17.37	17.44	17.79	17.69	17.69	19.00
15	256QAM	36	20	17.47	17.53	17.90	17.61	17.78	19.00
15	256QAM	36	39	17.64	17.46	17.87	17.75	17.70	19.00
15	256QAM	75	0	17.57	17.64	18.02	17.74	17.89	19.00
Channel				39700	40160	40620	41080	41540	21.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.45	19.35	20.04	19.85	19.75	21.00



10	QPSK	1	25	19.58	19.41	19.95	19.84	19.78	21.00
10	QPSK	1	49	19.56	19.43	19.90	19.82	19.84	21.00
10	QPSK	25	0	19.59	19.42	19.97	19.89	19.89	21.00
10	QPSK	25	12	19.54	19.43	19.97	19.81	19.88	21.00
10	QPSK	25	25	19.58	19.42	19.87	19.70	19.83	21.00
10	QPSK	50	0	19.58	19.43	19.84	19.84	19.85	21.00
10	16QAM	1	0	19.59	19.42	20.06	19.89	19.88	21.00
10	16QAM	1	25	19.58	19.42	20.05	19.83	19.88	21.00
10	16QAM	1	49	19.58	19.41	19.94	19.69	19.88	21.00
10	16QAM	25	0	19.57	19.40	19.96	19.73	19.88	21.00
10	16QAM	25	12	19.55	19.43	19.93	19.83	19.89	21.00
10	16QAM	25	25	19.57	19.36	20.04	19.78	19.81	21.00
10	16QAM	50	0	19.59	19.37	19.86	19.68	19.89	21.00
10	64QAM	1	0	19.59	19.43	20.01	19.63	19.89	21.00
10	64QAM	1	25	19.52	19.35	19.95	19.75	19.87	21.00
10	64QAM	1	49	19.59	19.38	20.03	19.84	19.89	21.00
10	64QAM	25	0	19.59	19.34	19.86	19.75	19.88	21.00
10	64QAM	25	12	19.59	19.42	19.95	19.87	19.89	21.00
10	64QAM	25	25	19.58	19.41	19.95	19.79	19.89	21.00
10	64QAM	50	0	19.50	19.42	20.00	19.85	19.88	21.00
10	256QAM	1	0	17.56	17.40	17.81	17.65	17.76	19.00
10	256QAM	1	25	17.53	17.42	17.89	17.60	17.73	19.00
10	256QAM	1	49	17.38	17.41	17.83	17.54	17.62	19.00
10	256QAM	25	0	17.41	17.43	17.77	17.61	17.74	19.00
10	256QAM	25	12	17.57	17.55	17.98	17.70	17.87	19.00
10	256QAM	25	25	17.61	17.43	17.86	17.63	17.76	19.00
10	256QAM	50	0	17.59	17.68	17.98	17.80	17.84	19.00
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	19.56	19.42	19.92	19.81	19.76	21.00
5	QPSK	1	12	19.59	19.42	19.90	19.85	19.81	21.00
5	QPSK	1	24	19.58	19.43	19.99	19.79	19.87	21.00
5	QPSK	12	0	19.58	19.43	20.01	19.81	19.86	21.00
5	QPSK	12	7	19.52	19.43	19.88	19.81	19.89	21.00
5	QPSK	12	13	19.59	19.40	19.84	19.79	19.85	21.00
5	QPSK	25	0	19.58	19.43	19.86	19.79	19.89	21.00
5	16QAM	1	0	19.59	19.42	20.05	19.89	19.89	21.00
5	16QAM	1	12	19.57	19.41	20.06	19.71	19.89	21.00
5	16QAM	1	24	19.55	19.39	20.01	19.66	19.88	21.00
5	16QAM	12	0	19.59	19.43	20.00	19.80	19.89	21.00
5	16QAM	12	7	19.58	19.42	19.98	19.86	19.89	21.00
5	16QAM	12	13	19.58	19.43	20.06	19.80	19.75	21.00
5	16QAM	25	0	19.57	19.42	19.84	19.70	19.89	21.00
5	64QAM	1	0	19.58	19.42	19.95	19.61	19.89	21.00
5	64QAM	1	12	19.51	19.37	19.98	19.75	19.89	21.00
5	64QAM	1	24	19.58	19.38	20.02	19.74	19.85	21.00
5	64QAM	12	0	19.59	19.29	19.88	19.76	19.88	21.00
5	64QAM	12	7	19.58	19.42	19.89	19.79	19.89	21.00
5	64QAM	12	13	19.57	19.38	19.86	19.80	19.89	21.00
5	64QAM	25	0	19.44	19.34	19.99	19.86	19.77	21.00
5	256QAM	1	0	17.50	17.50	17.93	17.68	17.77	19.00
5	256QAM	1	12	17.46	17.44	17.86	17.62	17.71	19.00
5	256QAM	1	24	17.42	17.31	17.78	17.58	17.67	19.00
5	256QAM	12	0	17.42	17.37	17.87	17.71	17.69	19.00
5	256QAM	12	7	17.48	17.46	17.88	17.57	17.81	19.00
5	256QAM	12	13	17.61	17.42	17.93	17.63	17.77	19.00
5	256QAM	25	0	17.57	17.61	18.08	17.77	17.83	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 4_Hotspot on】

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	19.89	19.63	20.06	19.99	19.98	21.00
20	QPSK	1	49	19.79	19.61	20.04	19.92	19.91	21.00
20	QPSK	1	99	19.66	19.61	20.01	19.92	19.93	21.00
20	QPSK	50	0	19.74	19.65	20.05	19.93	20.01	21.00
20	QPSK	50	24	19.62	19.62	20.01	19.87	19.70	21.00
20	QPSK	50	50	19.72	19.50	19.91	19.85	19.95	21.00
20	QPSK	100	0	19.69	19.56	19.93	19.90	20.00	21.00
20	16QAM	1	0	19.74	19.50	20.15	19.96	20.02	21.00



20	16QAM	1	49	19.79	19.52	20.14	19.85	20.07	21.00
20	16QAM	1	99	19.62	19.49	20.05	19.79	20.02	21.00
20	16QAM	50	0	19.71	19.47	20.02	19.87	20.01	21.00
20	16QAM	50	24	19.68	19.57	20.05	19.90	20.07	21.00
20	16QAM	50	50	19.73	19.47	20.15	19.89	19.87	21.00
20	16QAM	100	0	19.80	19.49	19.92	19.83	20.02	21.00
20	64QAM	1	0	19.65	19.64	20.06	19.74	20.03	21.00
20	64QAM	1	49	19.60	19.40	20.05	19.77	20.00	21.00
20	64QAM	1	99	19.78	19.44	20.04	19.88	19.95	21.00
20	64QAM	50	0	19.79	19.43	19.94	19.89	19.97	21.00
20	64QAM	50	24	19.70	19.61	20.02	19.91	20.06	21.00
20	64QAM	50	50	19.71	19.45	19.97	19.83	20.03	21.00
20	64QAM	100	0	19.59	19.43	20.02	19.89	19.89	21.00
20	256QAM	1	0	17.61	17.51	17.94	17.72	17.83	19.00
20	256QAM	1	49	17.58	17.46	17.91	17.65	17.82	19.00
20	256QAM	1	99	17.51	17.44	17.85	17.64	17.75	19.00
20	256QAM	50	0	17.50	17.47	17.90	17.72	17.80	19.00
20	256QAM	50	24	17.59	17.58	17.99	17.71	17.91	19.00
20	256QAM	50	50	17.68	17.51	17.98	17.76	17.83	19.00
20	256QAM	100	0	17.70	17.69	18.10	17.81	17.91	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.57	19.32	19.99	19.87	19.85	21.00
15	QPSK	1	37	19.58	19.42	20.01	19.88	19.77	21.00
15	QPSK	1	74	19.53	19.42	19.86	19.89	19.89	21.00
15	QPSK	36	0	19.57	19.43	20.03	19.81	19.88	21.00
15	QPSK	36	20	19.59	19.43	19.90	19.78	19.89	21.00
15	QPSK	36	39	19.58	19.35	19.81	19.79	19.89	21.00
15	QPSK	75	0	19.58	19.41	19.80	19.83	19.89	21.00
15	16QAM	1	0	19.58	19.41	20.05	19.86	19.88	21.00
15	16QAM	1	37	19.58	19.39	20.06	19.77	19.88	21.00
15	16QAM	1	74	19.58	19.35	19.92	19.68	19.88	21.00
15	16QAM	36	0	19.59	19.33	20.00	19.74	19.89	21.00
15	16QAM	36	20	19.58	19.43	19.90	19.86	19.89	21.00
15	16QAM	36	39	19.59	19.37	20.01	19.85	19.82	21.00
15	16QAM	75	0	19.59	19.42	19.83	19.78	19.88	21.00
15	64QAM	1	0	19.58	19.43	19.95	19.59	19.88	21.00
15	64QAM	1	37	19.56	19.28	19.95	19.70	19.89	21.00
15	64QAM	1	74	19.57	19.34	19.99	19.77	19.85	21.00
15	64QAM	36	0	19.58	19.32	19.88	19.83	19.89	21.00
15	64QAM	36	20	19.59	19.43	19.88	19.89	19.89	21.00
15	64QAM	36	39	19.59	19.33	19.91	19.77	19.89	21.00
15	64QAM	75	0	19.46	19.39	20.01	19.82	19.81	21.00
15	256QAM	1	0	17.48	17.48	17.84	17.65	17.81	19.00
15	256QAM	1	37	17.45	17.42	17.85	17.51	17.80	19.00
15	256QAM	1	74	17.43	17.34	17.82	17.58	17.63	19.00
15	256QAM	36	0	17.37	17.44	17.79	17.69	17.69	19.00
15	256QAM	36	20	17.47	17.53	17.90	17.61	17.78	19.00
15	256QAM	36	39	17.64	17.46	17.87	17.75	17.70	19.00
15	256QAM	75	0	17.57	17.64	18.02	17.74	17.89	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.45	19.35	20.04	19.85	19.75	21.00
10	QPSK	1	25	19.58	19.41	19.95	19.84	19.78	21.00
10	QPSK	1	49	19.56	19.43	19.90	19.82	19.84	21.00
10	QPSK	25	0	19.59	19.42	19.97	19.89	19.89	21.00
10	QPSK	25	12	19.54	19.43	19.97	19.81	19.88	21.00
10	QPSK	25	25	19.58	19.42	19.87	19.70	19.83	21.00
10	QPSK	50	0	19.58	19.43	19.84	19.84	19.85	21.00
10	16QAM	1	0	19.59	19.42	20.06	19.89	19.88	21.00
10	16QAM	1	25	19.58	19.42	20.05	19.83	19.88	21.00
10	16QAM	1	49	19.58	19.41	19.94	19.69	19.88	21.00
10	16QAM	25	0	19.57	19.40	19.96	19.73	19.88	21.00
10	16QAM	25	12	19.55	19.43	19.93	19.83	19.89	21.00
10	16QAM	25	25	19.57	19.36	20.04	19.78	19.81	21.00
10	16QAM	50	0	19.59	19.37	19.86	19.68	19.89	21.00
10	64QAM	1	0	19.59	19.43	20.01	19.63	19.89	21.00
10	64QAM	1	25	19.52	19.35	19.95	19.75	19.87	21.00
10	64QAM	1	49	19.59	19.38	20.03	19.84	19.89	21.00
10	64QAM	25	0	19.59	19.34	19.86	19.75	19.88	21.00
10	64QAM	25	12	19.59	19.42	19.95	19.87	19.89	21.00
10	64QAM	25	25	19.58	19.41	19.95	19.79	19.89	21.00
10	64QAM	50	0	19.50	19.42	20.00	19.85	19.88	21.00
10	256QAM	1	0	17.56	17.40	17.81	17.65	17.76	19.00
10	256QAM	1	25	17.53	17.42	17.89	17.60	17.73	19.00
10	256QAM	1	49	17.38	17.41	17.83	17.54	17.62	19.00



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10	256QAM	25	0	17.41	17.43	17.77	17.61	17.74	19.00
10	256QAM	25	12	17.57	17.55	17.98	17.70	17.87	19.00
10	256QAM	25	25	17.61	17.43	17.86	17.63	17.76	19.00
10	256QAM	50	0	17.59	17.68	17.98	17.80	17.84	19.00
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	19.56	19.42	19.92	19.81	19.76	21.00
5	QPSK	1	12	19.59	19.42	19.90	19.85	19.81	21.00
5	QPSK	1	24	19.58	19.43	19.99	19.79	19.87	21.00
5	QPSK	12	0	19.58	19.43	20.01	19.81	19.86	21.00
5	QPSK	12	7	19.52	19.43	19.88	19.81	19.89	21.00
5	QPSK	12	13	19.59	19.40	19.84	19.79	19.85	21.00
5	QPSK	25	0	19.58	19.43	19.86	19.79	19.89	21.00
5	16QAM	1	0	19.59	19.42	20.05	19.89	19.89	21.00
5	16QAM	1	12	19.57	19.41	20.06	19.71	19.89	21.00
5	16QAM	1	24	19.55	19.39	20.01	19.66	19.88	21.00
5	16QAM	12	0	19.59	19.43	20.00	19.80	19.89	21.00
5	16QAM	12	7	19.58	19.42	19.98	19.86	19.89	21.00
5	16QAM	12	13	19.58	19.43	20.06	19.80	19.75	21.00
5	16QAM	25	0	19.57	19.42	19.84	19.70	19.89	21.00
5	64QAM	1	0	19.58	19.42	19.95	19.61	19.89	21.00
5	64QAM	1	12	19.51	19.37	19.98	19.75	19.89	21.00
5	64QAM	1	24	19.58	19.38	20.02	19.74	19.85	21.00
5	64QAM	12	0	19.59	19.29	19.88	19.76	19.88	21.00
5	64QAM	12	7	19.58	19.42	19.89	19.79	19.89	21.00
5	64QAM	12	13	19.57	19.38	19.86	19.80	19.89	21.00
5	64QAM	25	0	19.44	19.34	19.99	19.86	19.77	21.00
5	256QAM	1	0	17.50	17.50	17.93	17.68	17.77	19.00
5	256QAM	1	12	17.46	17.44	17.86	17.62	17.71	19.00
5	256QAM	1	24	17.42	17.31	17.78	17.58	17.67	19.00
5	256QAM	12	0	17.42	17.37	17.87	17.71	17.69	19.00
5	256QAM	12	7	17.48	17.46	17.88	17.57	17.81	19.00
5	256QAM	12	13	17.61	17.42	17.93	17.63	17.77	19.00
5	256QAM	25	0	17.57	17.61	18.08	17.77	17.83	19.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.48	20.51	19.97	21.00
20	QPSK	1	49	20.35	20.41	19.82	21.00
20	QPSK	1	99	20.16	20.24	19.67	21.00
20	QPSK	50	0	19.45	19.53	18.95	20.00
20	QPSK	50	24	19.35	19.50	18.98	20.00
20	QPSK	50	50	19.26	19.42	18.79	20.00
20	QPSK	100	0	19.35	19.43	18.86	20.00
20	16QAM	1	0	19.40	19.51	18.89	20.00
20	16QAM	1	49	19.23	19.35	18.70	20.00
20	16QAM	1	99	19.14	19.31	18.69	20.00
20	16QAM	50	0	18.39	18.50	17.89	19.00
20	16QAM	50	24	18.28	18.44	17.87	19.00
20	16QAM	50	50	18.25	18.35	17.74	19.00
20	16QAM	100	0	18.23	18.40	17.86	19.00
20	64QAM	1	0	18.27	18.43	17.90	19.00
20	64QAM	1	49	18.20	18.31	17.75	19.00
20	64QAM	1	99	18.21	18.27	17.68	19.00
20	64QAM	50	0	17.36	17.46	16.92	18.00
20	64QAM	50	24	17.35	17.43	16.82	18.00
20	64QAM	50	50	17.28	17.36	16.76	18.00
20	64QAM	100	0	17.29	17.38	16.88	18.00
20	256QAM	1	0	15.15	15.31	14.80	16.00
20	256QAM	1	49	15.21	15.36	14.86	16.00
20	256QAM	1	99	15.04	15.13	14.60	16.00
20	256QAM	50	0	15.38	15.42	14.87	16.00
20	256QAM	50	24	15.26	15.39	14.92	16.00
20	256QAM	50	50	15.20	15.32	14.79	16.00
20	256QAM	100	0	15.23	15.38	14.84	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.41	20.46	19.95	21.00



15	QPSK	1	37	20.26	20.29	19.76	21.00
15	QPSK	1	74	20.14	20.19	19.53	21.00
15	QPSK	36	0	19.38	19.41	18.84	20.00
15	QPSK	36	20	19.29	19.35	18.91	20.00
15	QPSK	36	39	19.16	19.33	18.73	20.00
15	QPSK	75	0	19.34	19.31	18.82	20.00
15	16QAM	1	0	19.35	19.36	18.83	20.00
15	16QAM	1	37	19.18	19.33	18.58	20.00
15	16QAM	1	74	18.99	19.17	18.67	20.00
15	16QAM	36	0	18.27	18.46	17.87	19.00
15	16QAM	36	20	18.17	18.30	17.74	19.00
15	16QAM	36	39	18.22	18.31	17.61	19.00
15	16QAM	75	0	18.22	18.35	17.84	19.00
15	64QAM	1	0	18.20	18.38	17.82	19.00
15	64QAM	1	37	18.18	18.25	17.62	19.00
15	64QAM	1	74	18.19	18.15	17.65	19.00
15	64QAM	36	0	17.28	17.43	16.82	18.00
15	64QAM	36	20	17.33	17.40	16.77	18.00
15	64QAM	36	39	17.15	17.30	16.72	18.00
15	64QAM	75	0	17.24	17.23	16.87	18.00
15	256QAM	1	0	15.08	15.29	14.69	16.00
15	256QAM	1	37	15.08	15.24	14.77	16.00
15	256QAM	1	74	14.92	15.06	14.54	16.00
15	256QAM	36	0	15.24	15.38	14.82	16.00
15	256QAM	36	20	15.13	15.33	14.91	16.00
15	256QAM	36	39	15.16	15.18	14.72	16.00
15	256QAM	75	0	15.13	15.24	14.81	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	20.37	20.48	19.83	21.00
10	QPSK	1	25	20.27	20.36	19.75	21.00
10	QPSK	1	49	20.08	20.19	19.60	21.00
10	QPSK	25	0	19.41	19.46	18.87	20.00
10	QPSK	25	12	19.23	19.44	18.83	20.00
10	QPSK	25	25	19.13	19.29	18.77	20.00
10	QPSK	50	0	19.20	19.35	18.85	20.00
10	16QAM	1	0	19.31	19.50	18.86	20.00
10	16QAM	1	25	19.22	19.26	18.65	20.00
10	16QAM	1	49	19.10	19.27	18.60	20.00
10	16QAM	25	0	18.34	18.48	17.78	19.00
10	16QAM	25	12	18.14	18.34	17.83	19.00
10	16QAM	25	25	18.18	18.23	17.63	19.00
10	16QAM	50	0	18.17	18.33	17.75	19.00
10	64QAM	1	0	18.18	18.34	17.84	19.00
10	64QAM	1	25	18.12	18.19	17.65	19.00
10	64QAM	1	49	18.15	18.14	17.57	19.00
10	64QAM	25	0	17.28	17.41	16.88	18.00
10	64QAM	25	12	17.31	17.32	16.74	18.00
10	64QAM	25	25	17.26	17.22	16.65	18.00
10	64QAM	50	0	17.15	17.29	16.78	18.00
10	256QAM	1	0	15.09	15.28	14.75	16.00
10	256QAM	1	25	15.11	15.33	14.79	16.00
10	256QAM	1	49	14.92	15.06	14.57	16.00
10	256QAM	25	0	15.27	15.33	14.79	16.00
10	256QAM	25	12	15.13	15.37	14.82	16.00
10	256QAM	25	25	15.11	15.27	14.64	16.00
10	256QAM	50	0	15.15	15.32	14.80	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	20.34	20.43	19.87	21.00
5	QPSK	1	12	20.27	20.37	19.71	21.00
5	QPSK	1	24	20.05	20.18	19.54	21.00
5	QPSK	12	0	19.43	19.48	18.81	20.00
5	QPSK	12	7	19.24	19.45	18.88	20.00
5	QPSK	12	13	19.22	19.40	18.64	20.00
5	QPSK	25	0	19.33	19.33	18.80	20.00
5	16QAM	1	0	19.38	19.50	18.77	20.00
5	16QAM	1	12	19.13	19.28	18.64	20.00
5	16QAM	1	24	19.02	19.20	18.56	20.00
5	16QAM	12	0	18.32	18.41	17.84	19.00
5	16QAM	12	7	18.26	18.38	17.80	19.00
5	16QAM	12	13	18.11	18.23	17.65	19.00
5	16QAM	25	0	18.18	18.33	17.75	19.00
5	64QAM	1	0	18.16	18.28	17.84	19.00
5	64QAM	1	12	18.16	18.21	17.74	19.00
5	64QAM	1	24	18.19	18.19	17.61	19.00
5	64QAM	12	0	17.23	17.43	16.90	18.00
5	64QAM	12	7	17.25	17.41	16.69	18.00



5	64QAM	12	13	17.13	17.22	16.73	18.00
5	64QAM	25	0	17.28	17.23	16.76	18.00
5	256QAM	1	0	15.13	15.21	14.75	16.00
5	256QAM	1	12	15.15	15.23	14.76	16.00
5	256QAM	1	24	14.97	14.99	14.51	16.00
5	256QAM	12	0	15.35	15.37	14.85	16.00
5	256QAM	12	7	15.17	15.28	14.82	16.00
5	256QAM	12	13	15.17	15.19	14.66	16.00
5	256QAM	25	0	15.16	15.29	14.78	16.00

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 5_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.39	19.84	21.00
20	QPSK	1	49	20.10	20.15	19.66	21.00
20	QPSK	1	99	20.05	20.11	19.53	21.00
20	QPSK	50	0	19.24	19.37	18.79	20.00
20	QPSK	50	24	19.30	19.36	18.82	20.00
20	QPSK	50	50	19.09	19.33	18.71	20.00
20	QPSK	100	0	19.31	19.31	18.73	20.00
20	16QAM	1	0	19.18	19.28	18.73	20.00
20	16QAM	1	49	19.07	19.18	18.61	20.00
20	16QAM	1	99	18.88	19.22	18.45	20.00
20	16QAM	50	0	18.25	18.35	17.71	19.00
20	16QAM	50	24	18.11	18.33	17.84	19.00
20	16QAM	50	50	18.03	18.17	17.58	19.00
20	16QAM	100	0	18.10	18.15	17.74	19.00
20	64QAM	1	0	18.05	18.18	17.70	19.00
20	64QAM	1	49	17.94	18.22	17.71	19.00
20	64QAM	1	99	18.01	18.19	17.62	19.00
20	64QAM	50	0	17.29	17.23	16.82	18.00
20	64QAM	50	24	17.29	17.22	16.75	18.00
20	64QAM	50	50	17.19	17.19	16.59	18.00
20	64QAM	100	0	17.11	17.27	16.75	18.00
20	256QAM	1	0	15.10	15.19	14.72	16.00
20	256QAM	1	49	15.05	15.27	14.80	16.00
20	256QAM	1	99	14.92	15.09	14.38	16.00
20	256QAM	50	0	15.16	15.24	14.67	16.00
20	256QAM	50	24	15.01	15.34	14.77	16.00
20	256QAM	50	50	15.09	15.17	14.59	16.00
20	256QAM	100	0	15.09	15.26	14.65	16.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.15	20.34	19.76	21.00
15	QPSK	1	37	20.04	20.10	19.56	21.00
15	QPSK	1	74	19.97	19.97	19.51	21.00
15	QPSK	36	0	19.19	19.28	18.64	20.00
15	QPSK	36	20	19.23	19.21	18.80	20.00
15	QPSK	36	39	18.97	19.23	18.57	20.00
15	QPSK	75	0	19.25	19.26	18.61	20.00
15	16QAM	1	0	19.07	19.21	18.65	20.00
15	16QAM	1	37	18.93	19.11	18.47	20.00
15	16QAM	1	74	18.76	19.19	18.44	20.00
15	16QAM	36	0	18.17	18.28	17.67	19.00
15	16QAM	36	20	18.03	18.27	17.77	19.00
15	16QAM	36	39	17.98	18.03	17.54	19.00
15	16QAM	75	0	18.04	18.03	17.61	19.00
15	64QAM	1	0	17.92	18.12	17.63	19.00
15	64QAM	1	37	17.85	18.20	17.64	19.00
15	64QAM	1	74	17.87	18.12	17.60	19.00
15	64QAM	36	0	17.27	17.09	16.79	18.00
15	64QAM	36	20	17.16	17.14	16.70	18.00
15	64QAM	36	39	17.08	17.09	16.47	18.00
15	64QAM	75	0	16.97	17.13	16.63	18.00
15	256QAM	1	0	15.07	15.10	14.62	16.00
15	256QAM	1	37	14.98	15.18	14.77	16.00
15	256QAM	1	74	14.82	15.08	14.30	16.00
15	256QAM	36	0	15.03	15.13	14.63	16.00
15	256QAM	36	20	14.91	15.24	14.68	16.00
15	256QAM	36	39	14.96	15.07	14.55	16.00



15	256QAM	75	0	14.97	15.11	14.57	16.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	20.16	20.35	19.81	21.00
10	QPSK	1	25	20.06	20.13	19.56	21.00
10	QPSK	1	49	19.95	20.00	19.45	21.00
10	QPSK	25	0	19.19	19.35	18.69	20.00
10	QPSK	25	12	19.19	19.22	18.79	20.00
10	QPSK	25	25	19.01	19.24	18.64	20.00
10	QPSK	50	0	19.27	19.18	18.70	20.00
10	16QAM	1	0	19.12	19.22	18.66	20.00
10	16QAM	1	25	18.94	19.08	18.51	20.00
10	16QAM	1	49	18.78	19.10	18.32	20.00
10	16QAM	25	0	18.18	18.33	17.57	19.00
10	16QAM	25	12	18.02	18.23	17.78	19.00
10	16QAM	25	25	17.98	18.03	17.43	19.00
10	16QAM	50	0	18.05	18.07	17.63	19.00
10	64QAM	1	0	18.00	18.03	17.62	19.00
10	64QAM	1	25	17.82	18.12	17.59	19.00
10	64QAM	1	49	17.94	18.12	17.54	19.00
10	64QAM	25	0	17.15	17.12	16.79	18.00
10	64QAM	25	12	17.17	17.09	16.65	18.00
10	64QAM	25	25	17.17	17.09	16.55	18.00
10	64QAM	50	0	17.03	17.13	16.62	18.00
10	256QAM	1	0	14.98	15.04	14.62	16.00
10	256QAM	1	25	14.97	15.16	14.78	16.00
10	256QAM	1	49	14.88	14.99	14.24	16.00
10	256QAM	25	0	15.07	15.21	14.65	16.00
10	256QAM	25	12	14.87	15.20	14.72	16.00
10	256QAM	25	25	15.02	15.04	14.51	16.00
10	256QAM	50	0	15.06	15.20	14.56	16.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	20.25	20.33	19.70	21.00
5	QPSK	1	12	20.00	20.08	19.61	21.00
5	QPSK	1	24	19.93	19.96	19.51	21.00
5	QPSK	12	0	19.23	19.23	18.71	20.00
5	QPSK	12	7	19.19	19.28	18.75	20.00
5	QPSK	12	13	19.00	19.23	18.61	20.00
5	QPSK	25	0	19.18	19.20	18.72	20.00
5	16QAM	1	0	19.06	19.19	18.64	20.00
5	16QAM	1	12	18.98	19.16	18.49	20.00
5	16QAM	1	24	18.80	19.18	18.34	20.00
5	16QAM	12	0	18.11	18.32	17.59	19.00
5	16QAM	12	7	18.01	18.22	17.81	19.00
5	16QAM	12	13	17.92	18.15	17.46	19.00
5	16QAM	25	0	17.97	18.14	17.72	19.00
5	64QAM	1	0	18.02	18.12	17.61	19.00
5	64QAM	1	12	17.86	18.10	17.61	19.00
5	64QAM	1	24	17.91	18.12	17.58	19.00
5	64QAM	12	0	17.17	17.10	16.67	18.00
5	64QAM	12	7	17.27	17.15	16.61	18.00
5	64QAM	12	13	17.12	17.17	16.45	18.00
5	64QAM	25	0	16.97	17.23	16.67	18.00
5	256QAM	1	0	15.08	15.09	14.68	16.00
5	256QAM	1	12	15.01	15.14	14.74	16.00
5	256QAM	1	24	14.91	14.98	14.34	16.00
5	256QAM	12	0	15.04	15.21	14.60	16.00
5	256QAM	12	7	14.94	15.20	14.69	16.00
5	256QAM	12	13	15.02	15.03	14.57	16.00
5	256QAM	25	0	15.08	15.18	14.61	16.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.48	20.51	19.97	21.00
20	QPSK	1	49	20.35	20.41	19.82	21.00
20	QPSK	1	99	20.16	20.24	19.67	21.00
20	QPSK	50	0	19.45	19.53	18.95	20.00
20	QPSK	50	24	19.35	19.50	18.98	20.00



20	QPSK	50	50	19.26	19.42	18.79	20.00
20	QPSK	100	0	19.35	19.43	18.86	20.00
20	16QAM	1	0	19.40	19.51	18.89	20.00
20	16QAM	1	49	19.23	19.35	18.70	20.00
20	16QAM	1	99	19.14	19.31	18.69	20.00
20	16QAM	50	0	18.39	18.50	17.89	19.00
20	16QAM	50	24	18.28	18.44	17.87	19.00
20	16QAM	50	50	18.25	18.35	17.74	19.00
20	16QAM	100	0	18.23	18.40	17.86	19.00
20	64QAM	1	0	18.27	18.43	17.90	19.00
20	64QAM	1	49	18.20	18.31	17.75	19.00
20	64QAM	1	99	18.21	18.27	17.68	19.00
20	64QAM	50	0	17.36	17.46	16.92	18.00
20	64QAM	50	24	17.35	17.43	16.82	18.00
20	64QAM	50	50	17.28	17.36	16.76	18.00
20	64QAM	100	0	17.29	17.38	16.88	18.00
20	256QAM	1	0	15.15	15.31	14.80	16.00
20	256QAM	1	49	15.21	15.36	14.86	16.00
20	256QAM	1	99	15.04	15.13	14.60	16.00
20	256QAM	50	0	15.38	15.42	14.87	16.00
20	256QAM	50	24	15.26	15.39	14.92	16.00
20	256QAM	50	50	15.20	15.32	14.79	16.00
20	256QAM	100	0	15.23	15.38	14.84	16.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	20.41	20.46	19.95	21.00
15	QPSK	1	37	20.26	20.29	19.76	21.00
15	QPSK	1	74	20.14	20.19	19.53	21.00
15	QPSK	36	0	19.38	19.41	18.84	20.00
15	QPSK	36	20	19.29	19.35	18.91	20.00
15	QPSK	36	39	19.16	19.33	18.73	20.00
15	QPSK	75	0	19.34	19.31	18.82	20.00
15	16QAM	1	0	19.35	19.36	18.83	20.00
15	16QAM	1	37	19.18	19.33	18.58	20.00
15	16QAM	1	74	18.99	19.17	18.67	20.00
15	16QAM	36	0	18.27	18.46	17.87	19.00
15	16QAM	36	20	18.17	18.30	17.74	19.00
15	16QAM	36	39	18.22	18.31	17.61	19.00
15	16QAM	75	0	18.22	18.35	17.84	19.00
15	64QAM	1	0	18.20	18.38	17.82	19.00
15	64QAM	1	37	18.18	18.25	17.62	19.00
15	64QAM	1	74	18.19	18.15	17.65	19.00
15	64QAM	36	0	17.28	17.43	16.82	18.00
15	64QAM	36	20	17.33	17.40	16.77	18.00
15	64QAM	36	39	17.15	17.30	16.72	18.00
15	64QAM	75	0	17.24	17.23	16.87	18.00
15	256QAM	1	0	15.08	15.29	14.69	16.00
15	256QAM	1	37	15.08	15.24	14.77	16.00
15	256QAM	1	74	14.92	15.06	14.54	16.00
15	256QAM	36	0	15.24	15.38	14.82	16.00
15	256QAM	36	20	15.13	15.33	14.91	16.00
15	256QAM	36	39	15.16	15.18	14.72	16.00
15	256QAM	75	0	15.13	15.24	14.81	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	20.37	20.48	19.83	21.00
10	QPSK	1	25	20.27	20.36	19.75	21.00
10	QPSK	1	49	20.08	20.19	19.60	21.00
10	QPSK	25	0	19.41	19.46	18.87	20.00
10	QPSK	25	12	19.23	19.44	18.83	20.00
10	QPSK	25	25	19.13	19.29	18.77	20.00
10	QPSK	50	0	19.20	19.35	18.85	20.00
10	16QAM	1	0	19.31	19.50	18.86	20.00
10	16QAM	1	25	19.22	19.26	18.65	20.00
10	16QAM	1	49	19.10	19.27	18.60	20.00
10	16QAM	25	0	18.34	18.48	17.78	19.00
10	16QAM	25	12	18.14	18.34	17.83	19.00
10	16QAM	25	25	18.18	18.23	17.63	19.00
10	16QAM	50	0	18.17	18.33	17.75	19.00
10	64QAM	1	0	18.18	18.34	17.84	19.00
10	64QAM	1	25	18.12	18.19	17.65	19.00
10	64QAM	1	49	18.15	18.14	17.57	19.00
10	64QAM	25	0	17.28	17.41	16.88	18.00
10	64QAM	25	12	17.31	17.32	16.74	18.00
10	64QAM	25	25	17.26	17.22	16.65	18.00
10	64QAM	50	0	17.15	17.29	16.78	18.00
10	256QAM	1	0	15.09	15.28	14.75	16.00
10	256QAM	1	25	15.11	15.33	14.79	16.00



10	256QAM	1	49	14.92	15.06	14.57	16.00
10	256QAM	25	0	15.27	15.33	14.79	16.00
10	256QAM	25	12	15.13	15.37	14.82	16.00
10	256QAM	25	25	15.11	15.27	14.64	16.00
10	256QAM	50	0	15.15	15.32	14.80	16.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.34	20.43	19.87	21.00
5	QPSK	1	12	20.27	20.37	19.71	21.00
5	QPSK	1	24	20.05	20.18	19.54	21.00
5	QPSK	12	0	19.43	19.48	18.81	20.00
5	QPSK	12	7	19.24	19.45	18.88	20.00
5	QPSK	12	13	19.22	19.40	18.64	20.00
5	QPSK	25	0	19.33	19.33	18.80	20.00
5	16QAM	1	0	19.38	19.50	18.77	20.00
5	16QAM	1	12	19.13	19.28	18.64	20.00
5	16QAM	1	24	19.02	19.20	18.56	20.00
5	16QAM	12	0	18.32	18.41	17.84	19.00
5	16QAM	12	7	18.26	18.38	17.80	19.00
5	16QAM	12	13	18.11	18.23	17.65	19.00
5	16QAM	25	0	18.18	18.33	17.75	19.00
5	64QAM	1	0	18.16	18.28	17.84	19.00
5	64QAM	1	12	18.16	18.21	17.74	19.00
5	64QAM	1	24	18.19	18.19	17.61	19.00
5	64QAM	12	0	17.23	17.43	16.90	18.00
5	64QAM	12	7	17.25	17.41	16.69	18.00
5	64QAM	12	13	17.13	17.22	16.73	18.00
5	64QAM	25	0	17.28	17.23	16.76	18.00
5	256QAM	1	0	15.13	15.21	14.75	16.00
5	256QAM	1	12	15.15	15.23	14.76	16.00
5	256QAM	1	24	14.97	14.99	14.51	16.00
5	256QAM	12	0	15.35	15.37	14.85	16.00
5	256QAM	12	7	15.17	15.28	14.82	16.00
5	256QAM	12	13	15.17	15.19	14.66	16.00
5	256QAM	25	0	15.16	15.29	14.78	16.00

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.39	19.84	21.00
20	QPSK	1	49	20.10	20.15	19.66	21.00
20	QPSK	1	99	20.05	20.11	19.53	21.00
20	QPSK	50	0	19.24	19.37	18.79	20.00
20	QPSK	50	24	19.30	19.36	18.82	20.00
20	QPSK	50	50	19.09	19.33	18.71	20.00
20	QPSK	100	0	19.31	19.31	18.73	20.00
20	16QAM	1	0	19.18	19.28	18.73	20.00
20	16QAM	1	49	19.07	19.18	18.61	20.00
20	16QAM	1	99	18.88	19.22	18.45	20.00
20	16QAM	50	0	18.25	18.35	17.71	19.00
20	16QAM	50	24	18.11	18.33	17.84	19.00
20	16QAM	50	50	18.03	18.17	17.58	19.00
20	16QAM	100	0	18.10	18.15	17.74	19.00
20	64QAM	1	0	18.05	18.18	17.70	19.00
20	64QAM	1	49	17.94	18.22	17.71	19.00
20	64QAM	1	99	18.01	18.19	17.62	19.00
20	64QAM	50	0	17.29	17.23	16.82	18.00
20	64QAM	50	24	17.29	17.22	16.75	18.00
20	64QAM	50	50	17.19	17.19	16.59	18.00
20	64QAM	100	0	17.11	17.27	16.75	18.00
20	256QAM	1	0	15.10	15.19	14.72	16.00
20	256QAM	1	49	15.05	15.27	14.80	16.00
20	256QAM	1	99	14.92	15.09	14.38	16.00
20	256QAM	50	0	15.16	15.24	14.67	16.00
20	256QAM	50	24	15.01	15.34	14.77	16.00
20	256QAM	50	50	15.09	15.17	14.59	16.00
20	256QAM	100	0	15.09	15.26	14.65	16.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.15	20.34	19.76	21.00



15	QPSK	1	37	20.04	20.10	19.56	21.00
15	QPSK	1	74	19.97	19.97	19.51	21.00
15	QPSK	36	0	19.19	19.28	18.64	20.00
15	QPSK	36	20	19.23	19.21	18.80	20.00
15	QPSK	36	39	18.97	19.23	18.57	20.00
15	QPSK	75	0	19.25	19.26	18.61	20.00
15	16QAM	1	0	19.07	19.21	18.65	20.00
15	16QAM	1	37	18.93	19.11	18.47	20.00
15	16QAM	1	74	18.76	19.19	18.44	20.00
15	16QAM	36	0	18.17	18.28	17.67	19.00
15	16QAM	36	20	18.03	18.27	17.77	19.00
15	16QAM	36	39	17.98	18.03	17.54	19.00
15	16QAM	75	0	18.04	18.03	17.61	19.00
15	64QAM	1	0	17.92	18.12	17.63	19.00
15	64QAM	1	37	17.85	18.20	17.64	19.00
15	64QAM	1	74	17.87	18.12	17.60	19.00
15	64QAM	36	0	17.27	17.09	16.79	18.00
15	64QAM	36	20	17.16	17.14	16.70	18.00
15	64QAM	36	39	17.08	17.09	16.47	18.00
15	64QAM	75	0	16.97	17.13	16.63	18.00
15	256QAM	1	0	15.07	15.10	14.62	16.00
15	256QAM	1	37	14.98	15.18	14.77	16.00
15	256QAM	1	74	14.82	15.08	14.30	16.00
15	256QAM	36	0	15.03	15.13	14.63	16.00
15	256QAM	36	20	14.91	15.24	14.68	16.00
15	256QAM	36	39	14.96	15.07	14.55	16.00
15	256QAM	75	0	14.97	15.11	14.57	16.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	20.16	20.35	19.81	21.00
10	QPSK	1	25	20.06	20.13	19.56	21.00
10	QPSK	1	49	19.95	20.00	19.45	21.00
10	QPSK	25	0	19.19	19.35	18.69	20.00
10	QPSK	25	12	19.19	19.22	18.79	20.00
10	QPSK	25	25	19.01	19.24	18.64	20.00
10	QPSK	50	0	19.27	19.18	18.70	20.00
10	16QAM	1	0	19.12	19.22	18.66	20.00
10	16QAM	1	25	18.94	19.08	18.51	20.00
10	16QAM	1	49	18.78	19.10	18.32	20.00
10	16QAM	25	0	18.18	18.33	17.57	19.00
10	16QAM	25	12	18.02	18.23	17.78	19.00
10	16QAM	25	25	17.98	18.03	17.43	19.00
10	16QAM	50	0	18.05	18.07	17.63	19.00
10	64QAM	1	0	18.00	18.03	17.62	19.00
10	64QAM	1	25	17.82	18.12	17.59	19.00
10	64QAM	1	49	17.94	18.12	17.54	19.00
10	64QAM	25	0	17.15	17.12	16.79	18.00
10	64QAM	25	12	17.17	17.09	16.65	18.00
10	64QAM	25	25	17.17	17.09	16.55	18.00
10	64QAM	50	0	17.03	17.13	16.62	18.00
10	256QAM	1	0	14.98	15.04	14.62	16.00
10	256QAM	1	25	14.97	15.16	14.78	16.00
10	256QAM	1	49	14.88	14.99	14.24	16.00
10	256QAM	25	0	15.07	15.21	14.65	16.00
10	256QAM	25	12	14.87	15.20	14.72	16.00
10	256QAM	25	25	15.02	15.04	14.51	16.00
10	256QAM	50	0	15.06	15.20	14.56	16.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	20.25	20.33	19.70	21.00
5	QPSK	1	12	20.00	20.08	19.61	21.00
5	QPSK	1	24	19.93	19.96	19.51	21.00
5	QPSK	12	0	19.23	19.23	18.71	20.00
5	QPSK	12	7	19.19	19.28	18.75	20.00
5	QPSK	12	13	19.00	19.23	18.61	20.00
5	QPSK	25	0	19.18	19.20	18.72	20.00
5	16QAM	1	0	19.06	19.19	18.64	20.00
5	16QAM	1	12	18.98	19.16	18.49	20.00
5	16QAM	1	24	18.80	19.18	18.34	20.00
5	16QAM	12	0	18.11	18.32	17.59	19.00
5	16QAM	12	7	18.01	18.22	17.81	19.00
5	16QAM	12	13	17.92	18.15	17.46	19.00
5	16QAM	25	0	17.97	18.14	17.72	19.00
5	64QAM	1	0	18.02	18.12	17.61	19.00
5	64QAM	1	12	17.86	18.10	17.61	19.00
5	64QAM	1	24	17.91	18.12	17.58	19.00
5	64QAM	12	0	17.17	17.10	16.67	18.00
5	64QAM	12	7	17.27	17.15	16.61	18.00



5	64QAM	12	13	17.12	17.17	16.45	18.00
5	64QAM	25	0	16.97	17.23	16.67	18.00
5	256QAM	1	0	15.08	15.09	14.68	16.00
5	256QAM	1	12	15.01	15.14	14.74	16.00
5	256QAM	1	24	14.91	14.98	14.34	16.00
5	256QAM	12	0	15.04	15.21	14.60	16.00
5	256QAM	12	7	14.94	15.20	14.69	16.00
5	256QAM	12	13	15.02	15.03	14.57	16.00
5	256QAM	25	0	15.08	15.18	14.61	16.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.48	20.51	19.97	21.00
20	QPSK	1	49	20.35	20.41	19.82	21.00
20	QPSK	1	99	20.16	20.24	19.67	21.00
20	QPSK	50	0	19.45	19.53	18.95	20.00
20	QPSK	50	24	19.35	19.50	18.98	20.00
20	QPSK	50	50	19.26	19.42	18.79	20.00
20	QPSK	100	0	19.35	19.43	18.86	20.00
20	16QAM	1	0	19.40	19.51	18.89	20.00
20	16QAM	1	49	19.23	19.35	18.70	20.00
20	16QAM	1	99	19.14	19.31	18.69	20.00
20	16QAM	50	0	18.39	18.50	17.89	19.00
20	16QAM	50	24	18.28	18.44	17.87	19.00
20	16QAM	50	50	18.25	18.35	17.74	19.00
20	16QAM	100	0	18.23	18.40	17.86	19.00
20	64QAM	1	0	18.27	18.43	17.90	19.00
20	64QAM	1	49	18.20	18.31	17.75	19.00
20	64QAM	1	99	18.21	18.27	17.68	19.00
20	64QAM	50	0	17.36	17.46	16.92	18.00
20	64QAM	50	24	17.35	17.43	16.82	18.00
20	64QAM	50	50	17.28	17.36	16.76	18.00
20	64QAM	100	0	17.29	17.38	16.88	18.00
20	256QAM	1	0	15.15	15.31	14.80	16.00
20	256QAM	1	49	15.21	15.36	14.86	16.00
20	256QAM	1	99	15.04	15.13	14.60	16.00
20	256QAM	50	0	15.38	15.42	14.87	16.00
20	256QAM	50	24	15.26	15.39	14.92	16.00
20	256QAM	50	50	15.20	15.32	14.79	16.00
20	256QAM	100	0	15.23	15.38	14.84	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.41	20.46	19.95	21.00
15	QPSK	1	37	20.26	20.29	19.76	21.00
15	QPSK	1	74	20.14	20.19	19.53	21.00
15	QPSK	36	0	19.38	19.41	18.84	20.00
15	QPSK	36	20	19.29	19.35	18.91	20.00
15	QPSK	36	39	19.16	19.33	18.73	20.00
15	QPSK	75	0	19.34	19.31	18.82	20.00
15	16QAM	1	0	19.35	19.36	18.83	20.00
15	16QAM	1	37	19.18	19.33	18.58	20.00
15	16QAM	1	74	18.99	19.17	18.67	20.00
15	16QAM	36	0	18.27	18.46	17.87	19.00
15	16QAM	36	20	18.17	18.30	17.74	19.00
15	16QAM	36	39	18.22	18.31	17.61	19.00
15	16QAM	75	0	18.22	18.35	17.84	19.00
15	64QAM	1	0	18.20	18.38	17.82	19.00
15	64QAM	1	37	18.18	18.25	17.62	19.00
15	64QAM	1	74	18.19	18.15	17.65	19.00
15	64QAM	36	0	17.28	17.43	16.82	18.00
15	64QAM	36	20	17.33	17.40	16.77	18.00
15	64QAM	36	39	17.15	17.30	16.72	18.00
15	64QAM	75	0	17.24	17.23	16.87	18.00
15	256QAM	1	0	15.08	15.29	14.69	16.00
15	256QAM	1	37	15.08	15.24	14.77	16.00
15	256QAM	1	74	14.92	15.06	14.54	16.00
15	256QAM	36	0	15.24	15.38	14.82	16.00
15	256QAM	36	20	15.13	15.33	14.91	16.00
15	256QAM	36	39	15.16	15.18	14.72	16.00



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15	256QAM	75	0	15.13	15.24	14.81	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	20.37	20.48	19.83	21.00
10	QPSK	1	25	20.27	20.36	19.75	21.00
10	QPSK	1	49	20.08	20.19	19.60	21.00
10	QPSK	25	0	19.41	19.46	18.87	20.00
10	QPSK	25	12	19.23	19.44	18.83	20.00
10	QPSK	25	25	19.13	19.29	18.77	20.00
10	QPSK	50	0	19.20	19.35	18.85	20.00
10	16QAM	1	0	19.31	19.50	18.86	20.00
10	16QAM	1	25	19.22	19.26	18.65	20.00
10	16QAM	1	49	19.10	19.27	18.60	20.00
10	16QAM	25	0	18.34	18.48	17.78	19.00
10	16QAM	25	12	18.14	18.34	17.83	19.00
10	16QAM	25	25	18.18	18.23	17.63	19.00
10	16QAM	50	0	18.17	18.33	17.75	19.00
10	64QAM	1	0	18.18	18.34	17.84	19.00
10	64QAM	1	25	18.12	18.19	17.65	19.00
10	64QAM	1	49	18.15	18.14	17.57	19.00
10	64QAM	25	0	17.28	17.41	16.88	18.00
10	64QAM	25	12	17.31	17.32	16.74	18.00
10	64QAM	25	25	17.26	17.22	16.65	18.00
10	64QAM	50	0	17.15	17.29	16.78	18.00
10	256QAM	1	0	15.09	15.28	14.75	16.00
10	256QAM	1	25	15.11	15.33	14.79	16.00
10	256QAM	1	49	14.92	15.06	14.57	16.00
10	256QAM	25	0	15.27	15.33	14.79	16.00
10	256QAM	25	12	15.13	15.37	14.82	16.00
10	256QAM	25	25	15.11	15.27	14.64	16.00
10	256QAM	50	0	15.15	15.32	14.80	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	20.34	20.43	19.87	21.00
5	QPSK	1	12	20.27	20.37	19.71	21.00
5	QPSK	1	24	20.05	20.18	19.54	21.00
5	QPSK	12	0	19.43	19.48	18.81	20.00
5	QPSK	12	7	19.24	19.45	18.88	20.00
5	QPSK	12	13	19.22	19.40	18.64	20.00
5	QPSK	25	0	19.33	19.33	18.80	20.00
5	16QAM	1	0	19.38	19.50	18.77	20.00
5	16QAM	1	12	19.13	19.28	18.64	20.00
5	16QAM	1	24	19.02	19.20	18.56	20.00
5	16QAM	12	0	18.32	18.41	17.84	19.00
5	16QAM	12	7	18.26	18.38	17.80	19.00
5	16QAM	12	13	18.11	18.23	17.65	19.00
5	16QAM	25	0	18.18	18.33	17.75	19.00
5	64QAM	1	0	18.16	18.28	17.84	19.00
5	64QAM	1	12	18.16	18.21	17.74	19.00
5	64QAM	1	24	18.19	18.19	17.61	19.00
5	64QAM	12	0	17.23	17.43	16.90	18.00
5	64QAM	12	7	17.25	17.41	16.69	18.00
5	64QAM	12	13	17.13	17.22	16.73	18.00
5	64QAM	25	0	17.28	17.23	16.76	18.00
5	256QAM	1	0	15.13	15.21	14.75	16.00
5	256QAM	1	12	15.15	15.23	14.76	16.00
5	256QAM	1	24	14.97	14.99	14.51	16.00
5	256QAM	12	0	15.35	15.37	14.85	16.00
5	256QAM	12	7	15.17	15.28	14.82	16.00
5	256QAM	12	13	15.17	15.19	14.66	16.00
5	256QAM	25	0	15.16	15.29	14.78	16.00

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.39	19.84	21.00
20	QPSK	1	49	20.10	20.15	19.66	21.00
20	QPSK	1	99	20.05	20.11	19.53	21.00
20	QPSK	50	0	19.24	19.37	18.79	20.00
20	QPSK	50	24	19.30	19.36	18.82	20.00



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20	QPSK	50	50	19.09	19.33	18.71	20.00
20	QPSK	100	0	19.31	19.31	18.73	20.00
20	16QAM	1	0	19.18	19.28	18.73	20.00
20	16QAM	1	49	19.07	19.18	18.61	20.00
20	16QAM	1	99	18.88	19.22	18.45	20.00
20	16QAM	50	0	18.25	18.35	17.71	19.00
20	16QAM	50	24	18.11	18.33	17.84	19.00
20	16QAM	50	50	18.03	18.17	17.58	19.00
20	16QAM	100	0	18.10	18.15	17.74	19.00
20	64QAM	1	0	18.05	18.18	17.70	19.00
20	64QAM	1	49	17.94	18.22	17.71	19.00
20	64QAM	1	99	18.01	18.19	17.62	19.00
20	64QAM	50	0	17.29	17.23	16.82	18.00
20	64QAM	50	24	17.29	17.22	16.75	18.00
20	64QAM	50	50	17.19	17.19	16.59	18.00
20	64QAM	100	0	17.11	17.27	16.75	18.00
20	256QAM	1	0	15.10	15.19	14.72	16.00
20	256QAM	1	49	15.05	15.27	14.80	16.00
20	256QAM	1	99	14.92	15.09	14.38	16.00
20	256QAM	50	0	15.16	15.24	14.67	16.00
20	256QAM	50	24	15.01	15.34	14.77	16.00
20	256QAM	50	50	15.09	15.17	14.59	16.00
20	256QAM	100	0	15.09	15.26	14.65	16.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	20.15	20.34	19.76	21.00
15	QPSK	1	37	20.04	20.10	19.56	21.00
15	QPSK	1	74	19.97	19.97	19.51	21.00
15	QPSK	36	0	19.19	19.28	18.64	20.00
15	QPSK	36	20	19.23	19.21	18.80	20.00
15	QPSK	36	39	18.97	19.23	18.57	20.00
15	QPSK	75	0	19.25	19.26	18.61	20.00
15	16QAM	1	0	19.07	19.21	18.65	20.00
15	16QAM	1	37	18.93	19.11	18.47	20.00
15	16QAM	1	74	18.76	19.19	18.44	20.00
15	16QAM	36	0	18.17	18.28	17.67	19.00
15	16QAM	36	20	18.03	18.27	17.77	19.00
15	16QAM	36	39	17.98	18.03	17.54	19.00
15	16QAM	75	0	18.04	18.03	17.61	19.00
15	64QAM	1	0	17.92	18.12	17.63	19.00
15	64QAM	1	37	17.85	18.20	17.64	19.00
15	64QAM	1	74	17.87	18.12	17.60	19.00
15	64QAM	36	0	17.27	17.09	16.79	18.00
15	64QAM	36	20	17.16	17.14	16.70	18.00
15	64QAM	36	39	17.08	17.09	16.47	18.00
15	64QAM	75	0	16.97	17.13	16.63	18.00
15	256QAM	1	0	15.07	15.10	14.62	16.00
15	256QAM	1	37	14.98	15.18	14.77	16.00
15	256QAM	1	74	14.82	15.08	14.30	16.00
15	256QAM	36	0	15.03	15.13	14.63	16.00
15	256QAM	36	20	14.91	15.24	14.68	16.00
15	256QAM	36	39	14.96	15.07	14.55	16.00
15	256QAM	75	0	14.97	15.11	14.57	16.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	20.16	20.35	19.81	21.00
10	QPSK	1	25	20.06	20.13	19.56	21.00
10	QPSK	1	49	19.95	20.00	19.45	21.00
10	QPSK	25	0	19.19	19.35	18.69	20.00
10	QPSK	25	12	19.19	19.22	18.79	20.00
10	QPSK	25	25	19.01	19.24	18.64	20.00
10	QPSK	50	0	19.27	19.18	18.70	20.00
10	16QAM	1	0	19.12	19.22	18.66	20.00
10	16QAM	1	25	18.94	19.08	18.51	20.00
10	16QAM	1	49	18.78	19.10	18.32	20.00
10	16QAM	25	0	18.18	18.33	17.57	19.00
10	16QAM	25	12	18.02	18.23	17.78	19.00
10	16QAM	25	25	17.98	18.03	17.43	19.00
10	16QAM	50	0	18.05	18.07	17.63	19.00
10	64QAM	1	0	18.00	18.03	17.62	19.00
10	64QAM	1	25	17.82	18.12	17.59	19.00
10	64QAM	1	49	17.94	18.12	17.54	19.00
10	64QAM	25	0	17.15	17.12	16.79	18.00
10	64QAM	25	12	17.17	17.09	16.65	18.00
10	64QAM	25	25	17.17	17.09	16.55	18.00
10	64QAM	50	0	17.03	17.13	16.62	18.00
10	256QAM	1	0	14.98	15.04	14.62	16.00
10	256QAM	1	25	14.97	15.16	14.78	16.00



10	256QAM	1	49	14.88	14.99	14.24	16.00
10	256QAM	25	0	15.07	15.21	14.65	16.00
10	256QAM	25	12	14.87	15.20	14.72	16.00
10	256QAM	25	25	15.02	15.04	14.51	16.00
10	256QAM	50	0	15.06	15.20	14.56	16.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	20.25	20.33	19.70	21.00
5	QPSK	1	12	20.00	20.08	19.61	21.00
5	QPSK	1	24	19.93	19.96	19.51	21.00
5	QPSK	12	0	19.23	19.23	18.71	20.00
5	QPSK	12	7	19.19	19.28	18.75	20.00
5	QPSK	12	13	19.00	19.23	18.61	20.00
5	QPSK	25	0	19.18	19.20	18.72	20.00
5	16QAM	1	0	19.06	19.19	18.64	20.00
5	16QAM	1	12	18.98	19.16	18.49	20.00
5	16QAM	1	24	18.80	19.18	18.34	20.00
5	16QAM	12	0	18.11	18.32	17.59	19.00
5	16QAM	12	7	18.01	18.22	17.81	19.00
5	16QAM	12	13	17.92	18.15	17.46	19.00
5	16QAM	25	0	17.97	18.14	17.72	19.00
5	64QAM	1	0	18.02	18.12	17.61	19.00
5	64QAM	1	12	17.86	18.10	17.61	19.00
5	64QAM	1	24	17.91	18.12	17.58	19.00
5	64QAM	12	0	17.17	17.10	16.67	18.00
5	64QAM	12	7	17.27	17.15	16.61	18.00
5	64QAM	12	13	17.12	17.17	16.45	18.00
5	64QAM	25	0	16.97	17.23	16.67	18.00
5	256QAM	1	0	15.08	15.09	14.68	16.00
5	256QAM	1	12	15.01	15.14	14.74	16.00
5	256QAM	1	24	14.91	14.98	14.34	16.00
5	256QAM	12	0	15.04	15.21	14.60	16.00
5	256QAM	12	7	14.94	15.20	14.69	16.00
5	256QAM	12	13	15.02	15.03	14.57	16.00
5	256QAM	25	0	15.08	15.18	14.61	16.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.48	20.51	19.97	21.00
20	QPSK	1	49	20.35	20.41	19.82	21.00
20	QPSK	1	99	20.16	20.24	19.67	21.00
20	QPSK	50	0	19.45	19.53	18.95	20.00
20	QPSK	50	24	19.35	19.50	18.98	20.00
20	QPSK	50	50	19.26	19.42	18.79	20.00
20	QPSK	100	0	19.35	19.43	18.86	20.00
20	16QAM	1	0	19.40	19.51	18.89	20.00
20	16QAM	1	49	19.23	19.35	18.70	20.00
20	16QAM	1	99	19.14	19.31	18.69	20.00
20	16QAM	50	0	18.39	18.50	17.89	19.00
20	16QAM	50	24	18.28	18.44	17.87	19.00
20	16QAM	50	50	18.25	18.35	17.74	19.00
20	16QAM	100	0	18.23	18.40	17.86	19.00
20	64QAM	1	0	18.27	18.43	17.90	19.00
20	64QAM	1	49	18.20	18.31	17.75	19.00
20	64QAM	1	99	18.21	18.27	17.68	19.00
20	64QAM	50	0	17.36	17.46	16.92	18.00
20	64QAM	50	24	17.35	17.43	16.82	18.00
20	64QAM	50	50	17.28	17.36	16.76	18.00
20	64QAM	100	0	17.29	17.38	16.88	18.00
20	256QAM	1	0	15.15	15.31	14.80	16.00
20	256QAM	1	49	15.21	15.36	14.86	16.00
20	256QAM	1	99	15.04	15.13	14.60	16.00
20	256QAM	50	0	15.38	15.42	14.87	16.00
20	256QAM	50	24	15.26	15.39	14.92	16.00
20	256QAM	50	50	15.20	15.32	14.79	16.00
20	256QAM	100	0	15.23	15.38	14.84	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.41	20.46	19.95	21.00



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15	QPSK	1	37	20.26	20.29	19.76	21.00
15	QPSK	1	74	20.14	20.19	19.53	21.00
15	QPSK	36	0	19.38	19.41	18.84	20.00
15	QPSK	36	20	19.29	19.35	18.91	20.00
15	QPSK	36	39	19.16	19.33	18.73	20.00
15	QPSK	75	0	19.34	19.31	18.82	20.00
15	16QAM	1	0	19.35	19.36	18.83	20.00
15	16QAM	1	37	19.18	19.33	18.58	20.00
15	16QAM	1	74	18.99	19.17	18.67	20.00
15	16QAM	36	0	18.27	18.46	17.87	19.00
15	16QAM	36	20	18.17	18.30	17.74	19.00
15	16QAM	36	39	18.22	18.31	17.61	19.00
15	16QAM	75	0	18.22	18.35	17.84	19.00
15	64QAM	1	0	18.20	18.38	17.82	19.00
15	64QAM	1	37	18.18	18.25	17.62	19.00
15	64QAM	1	74	18.19	18.15	17.65	19.00
15	64QAM	36	0	17.28	17.43	16.82	18.00
15	64QAM	36	20	17.33	17.40	16.77	18.00
15	64QAM	36	39	17.15	17.30	16.72	18.00
15	64QAM	75	0	17.24	17.23	16.87	18.00
15	256QAM	1	0	15.08	15.29	14.69	16.00
15	256QAM	1	37	15.08	15.24	14.77	16.00
15	256QAM	1	74	14.92	15.06	14.54	16.00
15	256QAM	36	0	15.24	15.38	14.82	16.00
15	256QAM	36	20	15.13	15.33	14.91	16.00
15	256QAM	36	39	15.16	15.18	14.72	16.00
15	256QAM	75	0	15.13	15.24	14.81	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	20.37	20.48	19.83	21.00
10	QPSK	1	25	20.27	20.36	19.75	21.00
10	QPSK	1	49	20.08	20.19	19.60	21.00
10	QPSK	25	0	19.41	19.46	18.87	20.00
10	QPSK	25	12	19.23	19.44	18.83	20.00
10	QPSK	25	25	19.13	19.29	18.77	20.00
10	QPSK	50	0	19.20	19.35	18.85	20.00
10	16QAM	1	0	19.31	19.50	18.86	20.00
10	16QAM	1	25	19.22	19.26	18.65	20.00
10	16QAM	1	49	19.10	19.27	18.60	20.00
10	16QAM	25	0	18.34	18.48	17.78	19.00
10	16QAM	25	12	18.14	18.34	17.83	19.00
10	16QAM	25	25	18.18	18.23	17.63	19.00
10	16QAM	50	0	18.17	18.33	17.75	19.00
10	64QAM	1	0	18.18	18.34	17.84	19.00
10	64QAM	1	25	18.12	18.19	17.65	19.00
10	64QAM	1	49	18.15	18.14	17.57	19.00
10	64QAM	25	0	17.28	17.41	16.88	18.00
10	64QAM	25	12	17.31	17.32	16.74	18.00
10	64QAM	25	25	17.26	17.22	16.65	18.00
10	64QAM	50	0	17.15	17.29	16.78	18.00
10	256QAM	1	0	15.09	15.28	14.75	16.00
10	256QAM	1	25	15.11	15.33	14.79	16.00
10	256QAM	1	49	14.92	15.06	14.57	16.00
10	256QAM	25	0	15.27	15.33	14.79	16.00
10	256QAM	25	12	15.13	15.37	14.82	16.00
10	256QAM	25	25	15.11	15.27	14.64	16.00
10	256QAM	50	0	15.15	15.32	14.80	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	20.34	20.43	19.87	21.00
5	QPSK	1	12	20.27	20.37	19.71	21.00
5	QPSK	1	24	20.05	20.18	19.54	21.00
5	QPSK	12	0	19.43	19.48	18.81	20.00
5	QPSK	12	7	19.24	19.45	18.88	20.00
5	QPSK	12	13	19.22	19.40	18.64	20.00
5	QPSK	25	0	19.33	19.33	18.80	20.00
5	16QAM	1	0	19.38	19.50	18.77	20.00
5	16QAM	1	12	19.13	19.28	18.64	20.00
5	16QAM	1	24	19.02	19.20	18.56	20.00
5	16QAM	12	0	18.32	18.41	17.84	19.00
5	16QAM	12	7	18.26	18.38	17.80	19.00
5	16QAM	12	13	18.11	18.23	17.65	19.00
5	16QAM	25	0	18.18	18.33	17.75	19.00
5	64QAM	1	0	18.16	18.28	17.84	19.00
5	64QAM	1	12	18.16	18.21	17.74	19.00
5	64QAM	1	24	18.19	18.19	17.61	19.00
5	64QAM	12	0	17.23	17.43	16.90	18.00
5	64QAM	12	7	17.25	17.41	16.69	18.00



5	64QAM	12	13	17.13	17.22	16.73	18.00
5	64QAM	25	0	17.28	17.23	16.76	18.00
5	256QAM	1	0	15.13	15.21	14.75	16.00
5	256QAM	1	12	15.15	15.23	14.76	16.00
5	256QAM	1	24	14.97	14.99	14.51	16.00
5	256QAM	12	0	15.35	15.37	14.85	16.00
5	256QAM	12	7	15.17	15.28	14.82	16.00
5	256QAM	12	13	15.17	15.19	14.66	16.00
5	256QAM	25	0	15.16	15.29	14.78	16.00

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.39	19.84	21.00
20	QPSK	1	49	20.10	20.15	19.66	21.00
20	QPSK	1	99	20.05	20.11	19.53	21.00
20	QPSK	50	0	19.24	19.37	18.79	20.00
20	QPSK	50	24	19.30	19.36	18.82	20.00
20	QPSK	50	50	19.09	19.33	18.71	20.00
20	QPSK	100	0	19.31	19.31	18.73	20.00
20	16QAM	1	0	19.18	19.28	18.73	20.00
20	16QAM	1	49	19.07	19.18	18.61	20.00
20	16QAM	1	99	18.88	19.22	18.45	20.00
20	16QAM	50	0	18.25	18.35	17.71	19.00
20	16QAM	50	24	18.11	18.33	17.84	19.00
20	16QAM	50	50	18.03	18.17	17.58	19.00
20	16QAM	100	0	18.10	18.15	17.74	19.00
20	64QAM	1	0	18.05	18.18	17.70	19.00
20	64QAM	1	49	17.94	18.22	17.71	19.00
20	64QAM	1	99	18.01	18.19	17.62	19.00
20	64QAM	50	0	17.29	17.23	16.82	18.00
20	64QAM	50	24	17.29	17.22	16.75	18.00
20	64QAM	50	50	17.19	17.19	16.59	18.00
20	64QAM	100	0	17.11	17.27	16.75	18.00
20	256QAM	1	0	15.10	15.19	14.72	16.00
20	256QAM	1	49	15.05	15.27	14.80	16.00
20	256QAM	1	99	14.92	15.09	14.38	16.00
20	256QAM	50	0	15.16	15.24	14.67	16.00
20	256QAM	50	24	15.01	15.34	14.77	16.00
20	256QAM	50	50	15.09	15.17	14.59	16.00
20	256QAM	100	0	15.09	15.26	14.65	16.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.15	20.34	19.76	21.00
15	QPSK	1	37	20.04	20.10	19.56	21.00
15	QPSK	1	74	19.97	19.97	19.51	21.00
15	QPSK	36	0	19.19	19.28	18.64	20.00
15	QPSK	36	20	19.23	19.21	18.80	20.00
15	QPSK	36	39	18.97	19.23	18.57	20.00
15	QPSK	75	0	19.25	19.26	18.61	20.00
15	16QAM	1	0	19.07	19.21	18.65	20.00
15	16QAM	1	37	18.93	19.11	18.47	20.00
15	16QAM	1	74	18.76	19.19	18.44	20.00
15	16QAM	36	0	18.17	18.28	17.67	19.00
15	16QAM	36	20	18.03	18.27	17.77	19.00
15	16QAM	36	39	17.98	18.03	17.54	19.00
15	16QAM	75	0	18.04	18.03	17.61	19.00
15	64QAM	1	0	17.92	18.12	17.63	19.00
15	64QAM	1	37	17.85	18.20	17.64	19.00
15	64QAM	1	74	17.87	18.12	17.60	19.00
15	64QAM	36	0	17.27	17.09	16.79	18.00
15	64QAM	36	20	17.16	17.14	16.70	18.00
15	64QAM	36	39	17.08	17.09	16.47	18.00
15	64QAM	75	0	16.97	17.13	16.63	18.00
15	256QAM	1	0	15.07	15.10	14.62	16.00
15	256QAM	1	37	14.98	15.18	14.77	16.00
15	256QAM	1	74	14.82	15.08	14.30	16.00
15	256QAM	36	0	15.03	15.13	14.63	16.00
15	256QAM	36	20	14.91	15.24	14.68	16.00
15	256QAM	36	39	14.96	15.07	14.55	16.00



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15	256QAM	75	0	14.97	15.11	14.57	16.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	20.16	20.35	19.81	21.00
10	QPSK	1	25	20.06	20.13	19.56	21.00
10	QPSK	1	49	19.95	20.00	19.45	21.00
10	QPSK	25	0	19.19	19.35	18.69	20.00
10	QPSK	25	12	19.19	19.22	18.79	20.00
10	QPSK	25	25	19.01	19.24	18.64	20.00
10	QPSK	50	0	19.27	19.18	18.70	20.00
10	16QAM	1	0	19.12	19.22	18.66	20.00
10	16QAM	1	25	18.94	19.08	18.51	20.00
10	16QAM	1	49	18.78	19.10	18.32	20.00
10	16QAM	25	0	18.18	18.33	17.57	19.00
10	16QAM	25	12	18.02	18.23	17.78	19.00
10	16QAM	25	25	17.98	18.03	17.43	19.00
10	16QAM	50	0	18.05	18.07	17.63	19.00
10	64QAM	1	0	18.00	18.03	17.62	19.00
10	64QAM	1	25	17.82	18.12	17.59	19.00
10	64QAM	1	49	17.94	18.12	17.54	19.00
10	64QAM	25	0	17.15	17.12	16.79	18.00
10	64QAM	25	12	17.17	17.09	16.65	18.00
10	64QAM	25	25	17.17	17.09	16.55	18.00
10	64QAM	50	0	17.03	17.13	16.62	18.00
10	256QAM	1	0	14.98	15.04	14.62	16.00
10	256QAM	1	25	14.97	15.16	14.78	16.00
10	256QAM	1	49	14.88	14.99	14.24	16.00
10	256QAM	25	0	15.07	15.21	14.65	16.00
10	256QAM	25	12	14.87	15.20	14.72	16.00
10	256QAM	25	25	15.02	15.04	14.51	16.00
10	256QAM	50	0	15.06	15.20	14.56	16.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	20.25	20.33	19.70	21.00
5	QPSK	1	12	20.00	20.08	19.61	21.00
5	QPSK	1	24	19.93	19.96	19.51	21.00
5	QPSK	12	0	19.23	19.23	18.71	20.00
5	QPSK	12	7	19.19	19.28	18.75	20.00
5	QPSK	12	13	19.00	19.23	18.61	20.00
5	QPSK	25	0	19.18	19.20	18.72	20.00
5	16QAM	1	0	19.06	19.19	18.64	20.00
5	16QAM	1	12	18.98	19.16	18.49	20.00
5	16QAM	1	24	18.80	19.18	18.34	20.00
5	16QAM	12	0	18.11	18.32	17.59	19.00
5	16QAM	12	7	18.01	18.22	17.81	19.00
5	16QAM	12	13	17.92	18.15	17.46	19.00
5	16QAM	25	0	17.97	18.14	17.72	19.00
5	64QAM	1	0	18.02	18.12	17.61	19.00
5	64QAM	1	12	17.86	18.10	17.61	19.00
5	64QAM	1	24	17.91	18.12	17.58	19.00
5	64QAM	12	0	17.17	17.10	16.67	18.00
5	64QAM	12	7	17.27	17.15	16.61	18.00
5	64QAM	12	13	17.12	17.17	16.45	18.00
5	64QAM	25	0	16.97	17.23	16.67	18.00
5	256QAM	1	0	15.08	15.09	14.68	16.00
5	256QAM	1	12	15.01	15.14	14.74	16.00
5	256QAM	1	24	14.91	14.98	14.34	16.00
5	256QAM	12	0	15.04	15.21	14.60	16.00
5	256QAM	12	7	14.94	15.20	14.69	16.00
5	256QAM	12	13	15.02	15.03	14.57	16.00
5	256QAM	25	0	15.08	15.18	14.61	16.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.26	17.27	17.22	18.50
20	QPSK	1	49	17.11	17.14	17.11	18.50
20	QPSK	1	99	17.11	17.22	17.13	18.50
20	QPSK	50	0	17.11	17.25	17.16	18.50
20	QPSK	50	24	16.87	17.21	17.03	18.50



20	QPSK	50	50	16.95	17.09	17.05	18.50
20	QPSK	100	0	16.91	17.21	17.05	18.50
20	16QAM	1	0	16.93	17.25	17.16	18.50
20	16QAM	1	49	16.92	17.16	17.16	18.50
20	16QAM	1	99	16.85	17.26	17.18	18.50
20	16QAM	50	0	17.00	17.13	17.12	18.50
20	16QAM	50	24	17.15	17.06	17.10	18.50
20	16QAM	50	50	16.81	17.15	17.12	18.50
20	16QAM	100	0	16.84	17.15	17.12	18.50
20	64QAM	1	0	16.86	17.19	17.17	18.50
20	64QAM	1	49	16.98	17.20	17.14	18.50
20	64QAM	1	99	16.90	17.13	17.04	18.50
20	64QAM	50	0	16.95	17.26	17.04	18.50
20	64QAM	50	24	17.00	17.09	17.12	18.50
20	64QAM	50	50	16.94	17.10	17.05	18.50
20	64QAM	100	0	17.09	17.19	17.13	18.50
20	256QAM	1	0	16.98	17.17	17.09	18.50
20	256QAM	1	49	16.98	17.30	17.14	18.50
20	256QAM	1	99	17.03	17.28	17.17	18.50
20	256QAM	50	0	17.07	17.25	17.07	18.50
20	256QAM	50	24	17.10	17.31	17.11	18.50
20	256QAM	50	50	17.11	17.32	17.04	18.50
20	256QAM	100	0	16.98	17.32	17.07	18.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	17.23	17.21	17.21	18.50
15	QPSK	1	37	17.04	17.06	17.03	18.50
15	QPSK	1	74	16.97	17.12	17.02	18.50
15	QPSK	36	0	17.06	17.17	17.08	18.50
15	QPSK	36	20	16.76	17.08	16.94	18.50
15	QPSK	36	39	16.88	16.95	16.93	18.50
15	QPSK	75	0	16.87	17.13	16.97	18.50
15	16QAM	1	0	16.89	17.21	17.03	18.50
15	16QAM	1	37	16.87	17.14	17.09	18.50
15	16QAM	1	74	16.72	17.24	17.10	18.50
15	16QAM	36	0	16.90	17.11	17.09	18.50
15	16QAM	36	20	17.13	16.95	17.03	18.50
15	16QAM	36	39	16.66	17.01	17.06	18.50
15	16QAM	75	0	16.78	17.03	17.04	18.50
15	64QAM	1	0	16.82	17.17	17.12	18.50
15	64QAM	1	37	16.83	17.12	17.10	18.50
15	64QAM	1	74	16.83	17.02	17.02	18.50
15	64QAM	36	0	16.89	17.18	16.97	18.50
15	64QAM	36	20	16.93	17.04	17.09	18.50
15	64QAM	36	39	16.86	17.05	16.95	18.50
15	64QAM	75	0	17.05	17.09	16.99	18.50
15	256QAM	1	0	16.85	17.10	17.02	18.50
15	256QAM	1	37	16.85	17.25	17.07	18.50
15	256QAM	1	74	16.93	17.20	17.08	18.50
15	256QAM	36	0	17.03	17.18	16.92	18.50
15	256QAM	36	20	17.00	17.26	17.05	18.50
15	256QAM	36	39	16.97	17.21	17.00	18.50
15	256QAM	75	0	16.90	17.25	16.97	18.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	17.12	17.26	17.11	18.50
10	QPSK	1	25	17.02	17.05	16.97	18.50
10	QPSK	1	49	17.06	17.14	17.06	18.50
10	QPSK	25	0	17.08	17.20	17.07	18.50
10	QPSK	25	12	16.81	17.18	17.00	18.50
10	QPSK	25	25	16.93	17.05	16.99	18.50
10	QPSK	50	0	16.89	17.17	17.00	18.50
10	16QAM	1	0	16.84	17.21	17.15	18.50
10	16QAM	1	25	16.88	17.07	17.13	18.50
10	16QAM	1	49	16.82	17.21	17.09	18.50
10	16QAM	25	0	16.90	17.09	16.97	18.50
10	16QAM	25	12	17.11	16.93	17.00	18.50
10	16QAM	25	25	16.70	17.09	17.09	18.50
10	16QAM	50	0	16.78	17.02	17.00	18.50
10	64QAM	1	0	16.75	17.09	17.06	18.50
10	64QAM	1	25	16.90	17.16	17.07	18.50
10	64QAM	1	49	16.82	17.06	16.94	18.50
10	64QAM	25	0	16.92	17.23	16.94	18.50
10	64QAM	25	12	16.93	17.04	17.07	18.50
10	64QAM	25	25	16.85	17.06	16.97	18.50
10	64QAM	50	0	16.94	17.18	17.11	18.50
10	256QAM	1	0	16.94	17.07	17.08	18.50
10	256QAM	1	25	16.96	17.24	17.00	18.50



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10	256QAM	1	49	16.92	17.18	17.06	18.50
10	256QAM	25	0	17.04	17.14	16.96	18.50
10	256QAM	25	12	17.06	17.26	17.05	18.50
10	256QAM	25	25	17.09	17.23	16.93	18.50
10	256QAM	50	0	16.96	17.19	16.95	18.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.20	17.18	17.15	18.50
5	QPSK	1	12	17.09	17.05	17.05	18.50
5	QPSK	1	24	16.99	17.13	17.09	18.50
5	QPSK	12	0	17.02	17.15	17.13	18.50
5	QPSK	12	7	16.83	17.18	16.99	18.50
5	QPSK	12	13	16.92	16.97	16.92	18.50
5	QPSK	25	0	16.81	17.07	17.02	18.50
5	16QAM	1	0	16.80	17.16	17.14	18.50
5	16QAM	1	12	16.90	17.02	17.09	18.50
5	16QAM	1	24	16.74	17.14	17.06	18.50
5	16QAM	12	0	16.90	16.98	17.02	18.50
5	16QAM	12	7	17.04	17.03	17.08	18.50
5	16QAM	12	13	16.72	17.11	17.03	18.50
5	16QAM	25	0	16.74	17.05	16.98	18.50
5	64QAM	1	0	16.79	17.12	17.02	18.50
5	64QAM	1	12	16.92	17.05	17.11	18.50
5	64QAM	1	24	16.85	16.99	17.00	18.50
5	64QAM	12	0	16.90	17.20	16.93	18.50
5	64QAM	12	7	16.89	16.96	17.01	18.50
5	64QAM	12	13	16.79	17.01	16.97	18.50
5	64QAM	25	0	16.96	17.17	17.10	18.50
5	256QAM	1	0	16.90	17.13	17.05	18.50
5	256QAM	1	12	16.85	17.22	17.06	18.50
5	256QAM	1	24	16.94	17.17	17.05	18.50
5	256QAM	12	0	17.02	17.15	16.92	18.50
5	256QAM	12	7	17.01	17.27	16.97	18.50
5	256QAM	12	13	17.01	17.23	16.99	18.50
5	256QAM	25	0	16.94	17.20	16.98	18.50

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	17.13	17.25	17.02	18.50
20	QPSK	1	49	17.15	17.12	16.98	18.50
20	QPSK	1	99	17.05	17.15	17.00	18.50
20	QPSK	50	0	17.10	17.17	17.12	18.50
20	QPSK	50	24	17.03	17.15	17.10	18.50
20	QPSK	50	50	17.09	17.13	17.09	18.50
20	QPSK	100	0	17.04	17.14	17.08	18.50
20	16QAM	1	0	17.16	17.14	16.99	18.50
20	16QAM	1	49	17.15	17.12	17.01	18.50
20	16QAM	1	99	17.16	17.15	17.05	18.50
20	16QAM	50	0	17.07	17.24	17.12	18.50
20	16QAM	50	24	17.11	17.25	17.02	18.50
20	16QAM	50	50	17.08	17.15	17.06	18.50
20	16QAM	100	0	17.08	17.15	17.04	18.50
20	64QAM	1	0	17.12	17.12	17.10	18.50
20	64QAM	1	49	17.15	17.14	17.06	18.50
20	64QAM	1	99	17.10	17.13	16.98	18.50
20	64QAM	50	0	17.15	17.14	17.10	18.50
20	64QAM	50	24	17.03	17.25	16.97	18.50
20	64QAM	50	50	17.15	17.10	16.98	18.50
20	64QAM	100	0	17.11	17.23	17.04	18.50
20	256QAM	1	0	17.05	17.12	17.07	18.50
20	256QAM	1	49	17.02	17.15	17.06	18.50
20	256QAM	1	99	17.14	17.13	17.03	18.50
20	256QAM	50	0	17.15	17.11	17.10	18.50
20	256QAM	50	24	17.02	17.26	17.12	18.50
20	256QAM	50	50	17.03	17.12	17.12	18.50
20	256QAM	100	0	17.07	17.12	17.12	18.50
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	17.07	17.12	16.89	18.50



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15	QPSK	1	37	17.01	17.02	16.91	18.50
15	QPSK	1	74	16.91	17.13	16.87	18.50
15	QPSK	36	0	16.97	17.10	17.00	18.50
15	QPSK	36	20	16.98	17.00	16.98	18.50
15	QPSK	36	39	16.99	17.02	17.02	18.50
15	QPSK	75	0	16.92	17.08	16.98	18.50
15	16QAM	1	0	17.10	17.09	16.95	18.50
15	16QAM	1	37	17.04	17.02	16.95	18.50
15	16QAM	1	74	17.11	17.05	16.97	18.50
15	16QAM	36	0	16.99	17.12	17.00	18.50
15	16QAM	36	20	16.98	17.11	16.95	18.50
15	16QAM	36	39	16.95	17.03	16.98	18.50
15	16QAM	75	0	16.98	17.11	16.94	18.50
15	64QAM	1	0	17.11	17.09	16.97	18.50
15	64QAM	1	37	17.09	17.12	16.94	18.50
15	64QAM	1	74	17.08	17.08	16.95	18.50
15	64QAM	36	0	17.10	17.08	17.02	18.50
15	64QAM	36	20	17.01	17.11	16.83	18.50
15	64QAM	36	39	17.02	16.95	16.96	18.50
15	64QAM	75	0	17.10	17.11	17.01	18.50
15	256QAM	1	0	16.99	17.01	16.96	18.50
15	256QAM	1	37	16.96	17.12	17.01	18.50
15	256QAM	1	74	17.08	17.08	16.90	18.50
15	256QAM	36	0	17.08	16.98	16.97	18.50
15	256QAM	36	20	17.01	17.16	17.01	18.50
15	256QAM	36	39	16.97	17.08	17.01	18.50
15	256QAM	75	0	17.00	17.08	17.01	18.50
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	17.04	17.14	16.96	18.50
10	QPSK	1	25	17.09	16.98	16.92	18.50
10	QPSK	1	49	17.01	17.06	16.98	18.50
10	QPSK	25	0	17.01	17.13	17.01	18.50
10	QPSK	25	12	16.97	17.13	17.01	18.50
10	QPSK	25	25	16.96	17.06	16.98	18.50
10	QPSK	50	0	16.98	17.13	16.94	18.50
10	16QAM	1	0	17.09	17.05	16.85	18.50
10	16QAM	1	25	17.02	17.09	16.89	18.50
10	16QAM	1	49	17.10	17.10	16.94	18.50
10	16QAM	25	0	16.97	17.19	17.02	18.50
10	16QAM	25	12	17.04	17.19	16.97	18.50
10	16QAM	25	25	16.95	17.10	17.02	18.50
10	16QAM	50	0	16.94	17.13	16.93	18.50
10	64QAM	1	0	17.01	17.04	16.98	18.50
10	64QAM	1	25	17.09	17.07	16.93	18.50
10	64QAM	1	49	17.08	17.05	16.84	18.50
10	64QAM	25	0	17.10	17.04	16.95	18.50
10	64QAM	25	12	16.92	17.23	16.93	18.50
10	64QAM	25	25	17.01	17.04	16.91	18.50
10	64QAM	50	0	17.01	17.09	16.95	18.50
10	256QAM	1	0	17.00	17.01	17.01	18.50
10	256QAM	1	25	16.98	17.02	17.02	18.50
10	256QAM	1	49	17.01	16.99	16.90	18.50
10	256QAM	25	0	17.05	17.09	16.96	18.50
10	256QAM	25	12	16.90	17.19	17.02	18.50
10	256QAM	25	25	17.01	17.04	17.01	18.50
10	256QAM	50	0	17.04	17.05	17.02	18.50
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	17.10	17.16	16.88	18.50
5	QPSK	1	12	17.06	17.11	16.91	18.50
5	QPSK	1	24	17.04	17.01	16.85	18.50
5	QPSK	12	0	17.02	17.13	17.00	18.50
5	QPSK	12	7	16.95	17.05	17.02	18.50
5	QPSK	12	13	16.96	17.11	16.98	18.50
5	QPSK	25	0	16.96	17.00	17.00	18.50
5	16QAM	1	0	17.01	17.07	16.94	18.50
5	16QAM	1	12	17.12	17.00	16.88	18.50
5	16QAM	1	24	17.11	17.03	17.02	18.50
5	16QAM	12	0	16.96	17.16	17.00	18.50
5	16QAM	12	7	17.02	17.11	16.99	18.50
5	16QAM	12	13	16.94	17.10	16.99	18.50
5	16QAM	25	0	17.00	17.03	16.96	18.50
5	64QAM	1	0	17.07	17.09	16.98	18.50
5	64QAM	1	12	17.05	17.08	16.92	18.50
5	64QAM	1	24	17.07	16.98	16.97	18.50
5	64QAM	12	0	17.13	17.12	17.02	18.50
5	64QAM	12	7	16.94	17.24	16.95	18.50



5	64QAM	12	13	17.12	16.97	16.90	18.50
5	64QAM	25	0	17.01	17.22	16.95	18.50
5	256QAM	1	0	16.97	17.00	16.96	18.50
5	256QAM	1	12	16.90	17.12	16.98	18.50
5	256QAM	1	24	17.00	17.11	16.95	18.50
5	256QAM	12	0	17.07	16.98	17.02	18.50
5	256QAM	12	7	16.92	17.18	16.99	18.50
5	256QAM	12	13	16.89	17.00	16.99	18.50
5	256QAM	25	0	17.01	17.06	17.02	18.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.26	17.27	17.22	18.50
20	QPSK	1	49	17.11	17.14	17.11	18.50
20	QPSK	1	99	17.11	17.22	17.13	18.50
20	QPSK	50	0	17.11	17.25	17.16	18.50
20	QPSK	50	24	16.87	17.21	17.03	18.50
20	QPSK	50	50	16.95	17.09	17.05	18.50
20	QPSK	100	0	16.91	17.21	17.05	18.50
20	16QAM	1	0	16.93	17.25	17.16	18.50
20	16QAM	1	49	16.92	17.16	17.16	18.50
20	16QAM	1	99	16.85	17.26	17.18	18.50
20	16QAM	50	0	17.00	17.13	17.12	18.50
20	16QAM	50	24	17.15	17.06	17.10	18.50
20	16QAM	50	50	16.81	17.15	17.12	18.50
20	16QAM	100	0	16.84	17.15	17.12	18.50
20	64QAM	1	0	16.86	17.19	17.17	18.50
20	64QAM	1	49	16.98	17.20	17.14	18.50
20	64QAM	1	99	16.90	17.13	17.04	18.50
20	64QAM	50	0	16.95	17.26	17.04	18.50
20	64QAM	50	24	17.00	17.09	17.12	18.50
20	64QAM	50	50	16.94	17.10	17.05	18.50
20	64QAM	100	0	17.09	17.19	17.13	18.50
20	256QAM	1	0	16.98	17.17	17.09	18.50
20	256QAM	1	49	16.98	17.30	17.14	18.50
20	256QAM	1	99	17.03	17.28	17.17	18.50
20	256QAM	50	0	17.07	17.25	17.07	18.50
20	256QAM	50	24	17.10	17.31	17.11	18.50
20	256QAM	50	50	17.11	17.32	17.04	18.50
20	256QAM	100	0	16.98	17.32	17.07	18.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.23	17.21	17.21	18.50
15	QPSK	1	37	17.04	17.06	17.03	18.50
15	QPSK	1	74	16.97	17.12	17.02	18.50
15	QPSK	36	0	17.06	17.17	17.08	18.50
15	QPSK	36	20	16.76	17.08	16.94	18.50
15	QPSK	36	39	16.88	16.95	16.93	18.50
15	QPSK	75	0	16.87	17.13	16.97	18.50
15	16QAM	1	0	16.89	17.21	17.03	18.50
15	16QAM	1	37	16.87	17.14	17.09	18.50
15	16QAM	1	74	16.72	17.24	17.10	18.50
15	16QAM	36	0	16.90	17.11	17.09	18.50
15	16QAM	36	20	17.13	16.95	17.03	18.50
15	16QAM	36	39	16.66	17.01	17.06	18.50
15	16QAM	75	0	16.78	17.03	17.04	18.50
15	64QAM	1	0	16.82	17.17	17.12	18.50
15	64QAM	1	37	16.83	17.12	17.10	18.50
15	64QAM	1	74	16.83	17.02	17.02	18.50
15	64QAM	36	0	16.89	17.18	16.97	18.50
15	64QAM	36	20	16.93	17.04	17.09	18.50
15	64QAM	36	39	16.86	17.05	16.95	18.50
15	64QAM	75	0	17.05	17.09	16.99	18.50
15	256QAM	1	0	16.85	17.10	17.02	18.50
15	256QAM	1	37	16.85	17.25	17.07	18.50
15	256QAM	1	74	16.93	17.20	17.08	18.50
15	256QAM	36	0	17.03	17.18	16.92	18.50
15	256QAM	36	20	17.00	17.26	17.05	18.50
15	256QAM	36	39	16.97	17.21	17.00	18.50



15	256QAM	75	0	16.90	17.25	16.97	18.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	17.12	17.26	17.11	18.50
10	QPSK	1	25	17.02	17.05	16.97	18.50
10	QPSK	1	49	17.06	17.14	17.06	18.50
10	QPSK	25	0	17.08	17.20	17.07	18.50
10	QPSK	25	12	16.81	17.18	17.00	18.50
10	QPSK	25	25	16.93	17.05	16.99	18.50
10	QPSK	50	0	16.89	17.17	17.00	18.50
10	16QAM	1	0	16.84	17.21	17.15	18.50
10	16QAM	1	25	16.88	17.07	17.13	18.50
10	16QAM	1	49	16.82	17.21	17.09	18.50
10	16QAM	25	0	16.90	17.09	16.97	18.50
10	16QAM	25	12	17.11	16.93	17.00	18.50
10	16QAM	25	25	16.70	17.09	17.09	18.50
10	16QAM	50	0	16.78	17.02	17.00	18.50
10	64QAM	1	0	16.75	17.09	17.06	18.50
10	64QAM	1	25	16.90	17.16	17.07	18.50
10	64QAM	1	49	16.82	17.06	16.94	18.50
10	64QAM	25	0	16.92	17.23	16.94	18.50
10	64QAM	25	12	16.93	17.04	17.07	18.50
10	64QAM	25	25	16.85	17.06	16.97	18.50
10	64QAM	50	0	16.94	17.18	17.11	18.50
10	256QAM	1	0	16.94	17.07	17.08	18.50
10	256QAM	1	25	16.96	17.24	17.00	18.50
10	256QAM	1	49	16.92	17.18	17.06	18.50
10	256QAM	25	0	17.04	17.14	16.96	18.50
10	256QAM	25	12	17.06	17.26	17.05	18.50
10	256QAM	25	25	17.09	17.23	16.93	18.50
10	256QAM	50	0	16.96	17.19	16.95	18.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	17.20	17.18	17.15	18.50
5	QPSK	1	12	17.09	17.05	17.05	18.50
5	QPSK	1	24	16.99	17.13	17.09	18.50
5	QPSK	12	0	17.02	17.15	17.13	18.50
5	QPSK	12	7	16.83	17.18	16.99	18.50
5	QPSK	12	13	16.92	16.97	16.92	18.50
5	QPSK	25	0	16.81	17.07	17.02	18.50
5	16QAM	1	0	16.80	17.16	17.14	18.50
5	16QAM	1	12	16.90	17.02	17.09	18.50
5	16QAM	1	24	16.74	17.14	17.06	18.50
5	16QAM	12	0	16.90	16.98	17.02	18.50
5	16QAM	12	7	17.04	17.03	17.08	18.50
5	16QAM	12	13	16.72	17.11	17.03	18.50
5	16QAM	25	0	16.74	17.05	16.98	18.50
5	64QAM	1	0	16.79	17.12	17.02	18.50
5	64QAM	1	12	16.92	17.05	17.11	18.50
5	64QAM	1	24	16.85	16.99	17.00	18.50
5	64QAM	12	0	16.90	17.20	16.93	18.50
5	64QAM	12	7	16.89	16.96	17.01	18.50
5	64QAM	12	13	16.79	17.01	16.97	18.50
5	64QAM	25	0	16.96	17.17	17.10	18.50
5	256QAM	1	0	16.90	17.13	17.05	18.50
5	256QAM	1	12	16.85	17.22	17.06	18.50
5	256QAM	1	24	16.94	17.17	17.05	18.50
5	256QAM	12	0	17.02	17.15	16.92	18.50
5	256QAM	12	7	17.01	17.27	16.97	18.50
5	256QAM	12	13	17.01	17.23	16.99	18.50
5	256QAM	25	0	16.94	17.20	16.98	18.50

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	17.13	17.25	17.02	18.50
20	QPSK	1	49	17.15	17.12	16.98	18.50
20	QPSK	1	99	17.05	17.15	17.00	18.50
20	QPSK	50	0	17.10	17.17	17.12	18.50
20	QPSK	50	24	17.03	17.15	17.10	18.50



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20	QPSK	50	50	17.09	17.13	17.09	18.50
20	QPSK	100	0	17.04	17.14	17.08	18.50
20	16QAM	1	0	17.16	17.14	16.99	18.50
20	16QAM	1	49	17.15	17.12	17.01	18.50
20	16QAM	1	99	17.16	17.15	17.05	18.50
20	16QAM	50	0	17.07	17.24	17.12	18.50
20	16QAM	50	24	17.11	17.25	17.02	18.50
20	16QAM	50	50	17.08	17.15	17.06	18.50
20	16QAM	100	0	17.08	17.15	17.04	18.50
20	64QAM	1	0	17.12	17.12	17.10	18.50
20	64QAM	1	49	17.15	17.14	17.06	18.50
20	64QAM	1	99	17.10	17.13	16.98	18.50
20	64QAM	50	0	17.15	17.14	17.10	18.50
20	64QAM	50	24	17.03	17.25	16.97	18.50
20	64QAM	50	50	17.15	17.10	16.98	18.50
20	64QAM	100	0	17.11	17.23	17.04	18.50
20	256QAM	1	0	17.05	17.12	17.07	18.50
20	256QAM	1	49	17.02	17.15	17.06	18.50
20	256QAM	1	99	17.14	17.13	17.03	18.50
20	256QAM	50	0	17.15	17.11	17.10	18.50
20	256QAM	50	24	17.02	17.26	17.12	18.50
20	256QAM	50	50	17.03	17.12	17.12	18.50
20	256QAM	100	0	17.07	17.12	17.12	18.50
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	17.07	17.12	16.89	18.50
15	QPSK	1	37	17.01	17.02	16.91	18.50
15	QPSK	1	74	16.91	17.13	16.87	18.50
15	QPSK	36	0	16.97	17.10	17.00	18.50
15	QPSK	36	20	16.98	17.00	16.98	18.50
15	QPSK	36	39	16.99	17.02	17.02	18.50
15	QPSK	75	0	16.92	17.08	16.98	18.50
15	16QAM	1	0	17.10	17.09	16.95	18.50
15	16QAM	1	37	17.04	17.02	16.95	18.50
15	16QAM	1	74	17.11	17.05	16.97	18.50
15	16QAM	36	0	16.99	17.12	17.00	18.50
15	16QAM	36	20	16.98	17.11	16.95	18.50
15	16QAM	36	39	16.95	17.03	16.98	18.50
15	16QAM	75	0	16.98	17.11	16.94	18.50
15	64QAM	1	0	17.11	17.09	16.97	18.50
15	64QAM	1	37	17.09	17.12	16.94	18.50
15	64QAM	1	74	17.08	17.08	16.95	18.50
15	64QAM	36	0	17.10	17.08	17.02	18.50
15	64QAM	36	20	17.01	17.11	16.83	18.50
15	64QAM	36	39	17.02	16.95	16.96	18.50
15	64QAM	75	0	17.10	17.11	17.01	18.50
15	256QAM	1	0	16.99	17.01	16.96	18.50
15	256QAM	1	37	16.96	17.12	17.01	18.50
15	256QAM	1	74	17.08	17.08	16.90	18.50
15	256QAM	36	0	17.08	16.98	16.97	18.50
15	256QAM	36	20	17.01	17.16	17.01	18.50
15	256QAM	36	39	16.97	17.08	17.01	18.50
15	256QAM	75	0	17.00	17.08	17.01	18.50
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	17.04	17.14	16.96	18.50
10	QPSK	1	25	17.09	16.98	16.92	18.50
10	QPSK	1	49	17.01	17.06	16.98	18.50
10	QPSK	25	0	17.01	17.13	17.01	18.50
10	QPSK	25	12	16.97	17.13	17.01	18.50
10	QPSK	25	25	16.96	17.06	16.98	18.50
10	QPSK	50	0	16.98	17.13	16.94	18.50
10	16QAM	1	0	17.09	17.05	16.85	18.50
10	16QAM	1	25	17.02	17.09	16.89	18.50
10	16QAM	1	49	17.10	17.10	16.94	18.50
10	16QAM	25	0	16.97	17.19	17.02	18.50
10	16QAM	25	12	17.04	17.19	16.97	18.50
10	16QAM	25	25	16.95	17.10	17.02	18.50
10	16QAM	50	0	16.94	17.13	16.93	18.50
10	64QAM	1	0	17.01	17.04	16.98	18.50
10	64QAM	1	25	17.09	17.07	16.93	18.50
10	64QAM	1	49	17.08	17.05	16.84	18.50
10	64QAM	25	0	17.10	17.04	16.95	18.50
10	64QAM	25	12	16.92	17.23	16.93	18.50
10	64QAM	25	25	17.01	17.04	16.91	18.50
10	64QAM	50	0	17.01	17.09	16.95	18.50
10	256QAM	1	0	17.00	17.01	17.01	18.50
10	256QAM	1	25	16.98	17.02	17.02	18.50



10	256QAM	1	49	17.01	16.99	16.90	18.50
10	256QAM	25	0	17.05	17.09	16.96	18.50
10	256QAM	25	12	16.90	17.19	17.02	18.50
10	256QAM	25	25	17.01	17.04	17.01	18.50
10	256QAM	50	0	17.04	17.05	17.02	18.50
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	17.10	17.16	16.88	18.50
5	QPSK	1	12	17.06	17.11	16.91	18.50
5	QPSK	1	24	17.04	17.01	16.85	18.50
5	QPSK	12	0	17.02	17.13	17.00	18.50
5	QPSK	12	7	16.95	17.05	17.02	18.50
5	QPSK	12	13	16.96	17.11	16.98	18.50
5	QPSK	25	0	16.96	17.00	17.00	18.50
5	16QAM	1	0	17.01	17.07	16.94	18.50
5	16QAM	1	12	17.12	17.00	16.88	18.50
5	16QAM	1	24	17.11	17.03	17.02	18.50
5	16QAM	12	0	16.96	17.16	17.00	18.50
5	16QAM	12	7	17.02	17.11	16.99	18.50
5	16QAM	12	13	16.94	17.10	16.99	18.50
5	16QAM	25	0	17.00	17.03	16.96	18.50
5	64QAM	1	0	17.07	17.09	16.98	18.50
5	64QAM	1	12	17.05	17.08	16.92	18.50
5	64QAM	1	24	17.07	16.98	16.97	18.50
5	64QAM	12	0	17.13	17.12	17.02	18.50
5	64QAM	12	7	16.94	17.24	16.95	18.50
5	64QAM	12	13	17.12	16.97	16.90	18.50
5	64QAM	25	0	17.01	17.22	16.95	18.50
5	256QAM	1	0	16.97	17.00	16.96	18.50
5	256QAM	1	12	16.90	17.12	16.98	18.50
5	256QAM	1	24	17.00	17.11	16.95	18.50
5	256QAM	12	0	17.07	16.98	17.02	18.50
5	256QAM	12	7	16.92	17.18	16.99	18.50
5	256QAM	12	13	16.89	17.00	16.99	18.50
5	256QAM	25	0	17.01	17.06	17.02	18.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.26	17.27	17.22	18.50
20	QPSK	1	49	17.11	17.14	17.11	18.50
20	QPSK	1	99	17.11	17.22	17.13	18.50
20	QPSK	50	0	17.11	17.25	17.16	18.50
20	QPSK	50	24	16.87	17.21	17.03	18.50
20	QPSK	50	50	16.95	17.09	17.05	18.50
20	QPSK	100	0	16.91	17.21	17.05	18.50
20	16QAM	1	0	16.93	17.25	17.16	18.50
20	16QAM	1	49	16.92	17.16	17.16	18.50
20	16QAM	1	99	16.85	17.26	17.18	18.50
20	16QAM	50	0	17.00	17.13	17.12	18.50
20	16QAM	50	24	17.15	17.06	17.10	18.50
20	16QAM	50	50	16.81	17.15	17.12	18.50
20	16QAM	100	0	16.84	17.15	17.12	18.50
20	64QAM	1	0	16.86	17.19	17.17	18.50
20	64QAM	1	49	16.98	17.20	17.14	18.50
20	64QAM	1	99	16.90	17.13	17.04	18.50
20	64QAM	50	0	16.95	17.26	17.04	18.50
20	64QAM	50	24	17.00	17.09	17.12	18.50
20	64QAM	50	50	16.94	17.10	17.05	18.50
20	64QAM	100	0	17.09	17.19	17.13	18.50
20	256QAM	1	0	16.98	17.17	17.09	18.50
20	256QAM	1	49	16.98	17.30	17.14	18.50
20	256QAM	1	99	17.03	17.28	17.17	18.50
20	256QAM	50	0	17.07	17.25	17.07	18.50
20	256QAM	50	24	17.10	17.31	17.11	18.50
20	256QAM	50	50	17.11	17.32	17.04	18.50
20	256QAM	100	0	16.98	17.32	17.07	18.50
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.23	17.21	17.21	18.50



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15	QPSK	1	37	17.04	17.06	17.03	18.50
15	QPSK	1	74	16.97	17.12	17.02	18.50
15	QPSK	36	0	17.06	17.17	17.08	18.50
15	QPSK	36	20	16.76	17.08	16.94	18.50
15	QPSK	36	39	16.88	16.95	16.93	18.50
15	QPSK	75	0	16.87	17.13	16.97	18.50
15	16QAM	1	0	16.89	17.21	17.03	18.50
15	16QAM	1	37	16.87	17.14	17.09	18.50
15	16QAM	1	74	16.72	17.24	17.10	18.50
15	16QAM	36	0	16.90	17.11	17.09	18.50
15	16QAM	36	20	17.13	16.95	17.03	18.50
15	16QAM	36	39	16.66	17.01	17.06	18.50
15	16QAM	75	0	16.78	17.03	17.04	18.50
15	64QAM	1	0	16.82	17.17	17.12	18.50
15	64QAM	1	37	16.83	17.12	17.10	18.50
15	64QAM	1	74	16.83	17.02	17.02	18.50
15	64QAM	36	0	16.89	17.18	16.97	18.50
15	64QAM	36	20	16.93	17.04	17.09	18.50
15	64QAM	36	39	16.86	17.05	16.95	18.50
15	64QAM	75	0	17.05	17.09	16.99	18.50
15	256QAM	1	0	16.85	17.10	17.02	18.50
15	256QAM	1	37	16.85	17.25	17.07	18.50
15	256QAM	1	74	16.93	17.20	17.08	18.50
15	256QAM	36	0	17.03	17.18	16.92	18.50
15	256QAM	36	20	17.00	17.26	17.05	18.50
15	256QAM	36	39	16.97	17.21	17.00	18.50
15	256QAM	75	0	16.90	17.25	16.97	18.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	17.12	17.26	17.11	18.50
10	QPSK	1	25	17.02	17.05	16.97	18.50
10	QPSK	1	49	17.06	17.14	17.06	18.50
10	QPSK	25	0	17.08	17.20	17.07	18.50
10	QPSK	25	12	16.81	17.18	17.00	18.50
10	QPSK	25	25	16.93	17.05	16.99	18.50
10	QPSK	50	0	16.89	17.17	17.00	18.50
10	16QAM	1	0	16.84	17.21	17.15	18.50
10	16QAM	1	25	16.88	17.07	17.13	18.50
10	16QAM	1	49	16.82	17.21	17.09	18.50
10	16QAM	25	0	16.90	17.09	16.97	18.50
10	16QAM	25	12	17.11	16.93	17.00	18.50
10	16QAM	25	25	16.70	17.09	17.09	18.50
10	16QAM	50	0	16.78	17.02	17.00	18.50
10	64QAM	1	0	16.75	17.09	17.06	18.50
10	64QAM	1	25	16.90	17.16	17.07	18.50
10	64QAM	1	49	16.82	17.06	16.94	18.50
10	64QAM	25	0	16.92	17.23	16.94	18.50
10	64QAM	25	12	16.93	17.04	17.07	18.50
10	64QAM	25	25	16.85	17.06	16.97	18.50
10	64QAM	50	0	16.94	17.18	17.11	18.50
10	256QAM	1	0	16.94	17.07	17.08	18.50
10	256QAM	1	25	16.96	17.24	17.00	18.50
10	256QAM	1	49	16.92	17.18	17.06	18.50
10	256QAM	25	0	17.04	17.14	16.96	18.50
10	256QAM	25	12	17.06	17.26	17.05	18.50
10	256QAM	25	25	17.09	17.23	16.93	18.50
10	256QAM	50	0	16.96	17.19	16.95	18.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	17.20	17.18	17.15	18.50
5	QPSK	1	12	17.09	17.05	17.05	18.50
5	QPSK	1	24	16.99	17.13	17.09	18.50
5	QPSK	12	0	17.02	17.15	17.13	18.50
5	QPSK	12	7	16.83	17.18	16.99	18.50
5	QPSK	12	13	16.92	16.97	16.92	18.50
5	QPSK	25	0	16.81	17.07	17.02	18.50
5	16QAM	1	0	16.80	17.16	17.14	18.50
5	16QAM	1	12	16.90	17.02	17.09	18.50
5	16QAM	1	24	16.74	17.14	17.06	18.50
5	16QAM	12	0	16.90	16.98	17.02	18.50
5	16QAM	12	7	17.04	17.03	17.08	18.50
5	16QAM	12	13	16.72	17.11	17.03	18.50
5	16QAM	25	0	16.74	17.05	16.98	18.50
5	64QAM	1	0	16.79	17.12	17.02	18.50
5	64QAM	1	12	16.92	17.05	17.11	18.50
5	64QAM	1	24	16.85	16.99	17.00	18.50
5	64QAM	12	0	16.90	17.20	16.93	18.50
5	64QAM	12	7	16.89	16.96	17.01	18.50



5	64QAM	12	13	16.79	17.01	16.97	18.50
5	64QAM	25	0	16.96	17.17	17.10	18.50
5	256QAM	1	0	16.90	17.13	17.05	18.50
5	256QAM	1	12	16.85	17.22	17.06	18.50
5	256QAM	1	24	16.94	17.17	17.05	18.50
5	256QAM	12	0	17.02	17.15	16.92	18.50
5	256QAM	12	7	17.01	17.27	16.97	18.50
5	256QAM	12	13	17.01	17.23	16.99	18.50
5	256QAM	25	0	16.94	17.20	16.98	18.50

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 7_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	17.13	17.25	17.02	18.50
20	QPSK	1	49	17.15	17.12	16.98	18.50
20	QPSK	1	99	17.05	17.15	17.00	18.50
20	QPSK	50	0	17.10	17.17	17.12	18.50
20	QPSK	50	24	17.03	17.15	17.10	18.50
20	QPSK	50	50	17.09	17.13	17.09	18.50
20	QPSK	100	0	17.04	17.14	17.08	18.50
20	16QAM	1	0	17.16	17.14	16.99	18.50
20	16QAM	1	49	17.15	17.12	17.01	18.50
20	16QAM	1	99	17.16	17.15	17.05	18.50
20	16QAM	50	0	17.07	17.24	17.12	18.50
20	16QAM	50	24	17.11	17.25	17.02	18.50
20	16QAM	50	50	17.08	17.15	17.06	18.50
20	16QAM	100	0	17.08	17.15	17.04	18.50
20	64QAM	1	0	17.12	17.12	17.10	18.50
20	64QAM	1	49	17.15	17.14	17.06	18.50
20	64QAM	1	99	17.10	17.13	16.98	18.50
20	64QAM	50	0	17.15	17.14	17.10	18.50
20	64QAM	50	24	17.03	17.25	16.97	18.50
20	64QAM	50	50	17.15	17.10	16.98	18.50
20	64QAM	100	0	17.11	17.23	17.04	18.50
20	256QAM	1	0	17.05	17.12	17.07	18.50
20	256QAM	1	49	17.02	17.15	17.06	18.50
20	256QAM	1	99	17.14	17.13	17.03	18.50
20	256QAM	50	0	17.15	17.11	17.10	18.50
20	256QAM	50	24	17.02	17.26	17.12	18.50
20	256QAM	50	50	17.03	17.12	17.12	18.50
20	256QAM	100	0	17.07	17.12	17.12	18.50
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	17.07	17.12	16.89	18.50
15	QPSK	1	37	17.01	17.02	16.91	18.50
15	QPSK	1	74	16.91	17.13	16.87	18.50
15	QPSK	36	0	16.97	17.10	17.00	18.50
15	QPSK	36	20	16.98	17.00	16.98	18.50
15	QPSK	36	39	16.99	17.02	17.02	18.50
15	QPSK	75	0	16.92	17.08	16.98	18.50
15	16QAM	1	0	17.10	17.09	16.95	18.50
15	16QAM	1	37	17.04	17.02	16.95	18.50
15	16QAM	1	74	17.11	17.05	16.97	18.50
15	16QAM	36	0	16.99	17.12	17.00	18.50
15	16QAM	36	20	16.98	17.11	16.95	18.50
15	16QAM	36	39	16.95	17.03	16.98	18.50
15	16QAM	75	0	16.98	17.11	16.94	18.50
15	64QAM	1	0	17.11	17.09	16.97	18.50
15	64QAM	1	37	17.09	17.12	16.94	18.50
15	64QAM	1	74	17.08	17.08	16.95	18.50
15	64QAM	36	0	17.10	17.08	17.02	18.50
15	64QAM	36	20	17.01	17.11	16.83	18.50
15	64QAM	36	39	17.02	16.95	16.96	18.50
15	64QAM	75	0	17.10	17.11	17.01	18.50
15	256QAM	1	0	16.99	17.01	16.96	18.50
15	256QAM	1	37	16.96	17.12	17.01	18.50
15	256QAM	1	74	17.08	17.08	16.90	18.50
15	256QAM	36	0	17.08	16.98	16.97	18.50
15	256QAM	36	20	17.01	17.16	17.01	18.50
15	256QAM	36	39	16.97	17.08	17.01	18.50



15	256QAM	75	0	17.00	17.08	17.01	18.50
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	17.04	17.14	16.96	18.50
10	QPSK	1	25	17.09	16.98	16.92	18.50
10	QPSK	1	49	17.01	17.06	16.98	18.50
10	QPSK	25	0	17.01	17.13	17.01	18.50
10	QPSK	25	12	16.97	17.13	17.01	18.50
10	QPSK	25	25	16.96	17.06	16.98	18.50
10	QPSK	50	0	16.98	17.13	16.94	18.50
10	16QAM	1	0	17.09	17.05	16.85	18.50
10	16QAM	1	25	17.02	17.09	16.89	18.50
10	16QAM	1	49	17.10	17.10	16.94	18.50
10	16QAM	25	0	16.97	17.19	17.02	18.50
10	16QAM	25	12	17.04	17.19	16.97	18.50
10	16QAM	25	25	16.95	17.10	17.02	18.50
10	16QAM	50	0	16.94	17.13	16.93	18.50
10	64QAM	1	0	17.01	17.04	16.98	18.50
10	64QAM	1	25	17.09	17.07	16.93	18.50
10	64QAM	1	49	17.08	17.05	16.84	18.50
10	64QAM	25	0	17.10	17.04	16.95	18.50
10	64QAM	25	12	16.92	17.23	16.93	18.50
10	64QAM	25	25	17.01	17.04	16.91	18.50
10	64QAM	50	0	17.01	17.09	16.95	18.50
10	256QAM	1	0	17.00	17.01	17.01	18.50
10	256QAM	1	25	16.98	17.02	17.02	18.50
10	256QAM	1	49	17.01	16.99	16.90	18.50
10	256QAM	25	0	17.05	17.09	16.96	18.50
10	256QAM	25	12	16.90	17.19	17.02	18.50
10	256QAM	25	25	17.01	17.04	17.01	18.50
10	256QAM	50	0	17.04	17.05	17.02	18.50
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	17.10	17.16	16.88	18.50
5	QPSK	1	12	17.06	17.11	16.91	18.50
5	QPSK	1	24	17.04	17.01	16.85	18.50
5	QPSK	12	0	17.02	17.13	17.00	18.50
5	QPSK	12	7	16.95	17.05	17.02	18.50
5	QPSK	12	13	16.96	17.11	16.98	18.50
5	QPSK	25	0	16.96	17.00	17.00	18.50
5	16QAM	1	0	17.01	17.07	16.94	18.50
5	16QAM	1	12	17.12	17.00	16.88	18.50
5	16QAM	1	24	17.11	17.03	17.02	18.50
5	16QAM	12	0	16.96	17.16	17.00	18.50
5	16QAM	12	7	17.02	17.11	16.99	18.50
5	16QAM	12	13	16.94	17.10	16.99	18.50
5	16QAM	25	0	17.00	17.03	16.96	18.50
5	64QAM	1	0	17.07	17.09	16.98	18.50
5	64QAM	1	12	17.05	17.08	16.92	18.50
5	64QAM	1	24	17.07	16.98	16.97	18.50
5	64QAM	12	0	17.13	17.12	17.02	18.50
5	64QAM	12	7	16.94	17.24	16.95	18.50
5	64QAM	12	13	17.12	16.97	16.90	18.50
5	64QAM	25	0	17.01	17.22	16.95	18.50
5	256QAM	1	0	16.97	17.00	16.96	18.50
5	256QAM	1	12	16.90	17.12	16.98	18.50
5	256QAM	1	24	17.00	17.11	16.95	18.50
5	256QAM	12	0	17.07	16.98	17.02	18.50
5	256QAM	12	7	16.92	17.18	16.99	18.50
5	256QAM	12	13	16.89	17.00	16.99	18.50
5	256QAM	25	0	17.01	17.06	17.02	18.50

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.26	17.27	17.22	18.50
20	QPSK	1	49	17.11	17.14	17.11	18.50
20	QPSK	1	99	17.11	17.22	17.13	18.50
20	QPSK	50	0	17.11	17.25	17.16	18.50
20	QPSK	50	24	16.87	17.21	17.03	18.50



20	QPSK	50	50	16.95	17.09	17.05	18.50
20	QPSK	100	0	16.91	17.21	17.05	18.50
20	16QAM	1	0	16.93	17.25	17.16	18.50
20	16QAM	1	49	16.92	17.16	17.16	18.50
20	16QAM	1	99	16.85	17.26	17.18	18.50
20	16QAM	50	0	17.00	17.13	17.12	18.50
20	16QAM	50	24	17.15	17.06	17.10	18.50
20	16QAM	50	50	16.81	17.15	17.12	18.50
20	16QAM	100	0	16.84	17.15	17.12	18.50
20	64QAM	1	0	16.86	17.19	17.17	18.50
20	64QAM	1	49	16.98	17.20	17.14	18.50
20	64QAM	1	99	16.90	17.13	17.04	18.50
20	64QAM	50	0	16.95	17.26	17.04	18.50
20	64QAM	50	24	17.00	17.09	17.12	18.50
20	64QAM	50	50	16.94	17.10	17.05	18.50
20	64QAM	100	0	17.09	17.19	17.13	18.50
20	256QAM	1	0	16.98	17.17	17.09	18.50
20	256QAM	1	49	16.98	17.30	17.14	18.50
20	256QAM	1	99	17.03	17.28	17.17	18.50
20	256QAM	50	0	17.07	17.25	17.07	18.50
20	256QAM	50	24	17.10	17.31	17.11	18.50
20	256QAM	50	50	17.11	17.32	17.04	18.50
20	256QAM	100	0	16.98	17.32	17.07	18.50
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	17.23	17.21	17.21	18.50
15	QPSK	1	37	17.04	17.06	17.03	18.50
15	QPSK	1	74	16.97	17.12	17.02	18.50
15	QPSK	36	0	17.06	17.17	17.08	18.50
15	QPSK	36	20	16.76	17.08	16.94	18.50
15	QPSK	36	39	16.88	16.95	16.93	18.50
15	QPSK	75	0	16.87	17.13	16.97	18.50
15	16QAM	1	0	16.89	17.21	17.03	18.50
15	16QAM	1	37	16.87	17.14	17.09	18.50
15	16QAM	1	74	16.72	17.24	17.10	18.50
15	16QAM	36	0	16.90	17.11	17.09	18.50
15	16QAM	36	20	17.13	16.95	17.03	18.50
15	16QAM	36	39	16.66	17.01	17.06	18.50
15	16QAM	75	0	16.78	17.03	17.04	18.50
15	64QAM	1	0	16.82	17.17	17.12	18.50
15	64QAM	1	37	16.83	17.12	17.10	18.50
15	64QAM	1	74	16.83	17.02	17.02	18.50
15	64QAM	36	0	16.89	17.18	16.97	18.50
15	64QAM	36	20	16.93	17.04	17.09	18.50
15	64QAM	36	39	16.86	17.05	16.95	18.50
15	64QAM	75	0	17.05	17.09	16.99	18.50
15	256QAM	1	0	16.85	17.10	17.02	18.50
15	256QAM	1	37	16.85	17.25	17.07	18.50
15	256QAM	1	74	16.93	17.20	17.08	18.50
15	256QAM	36	0	17.03	17.18	16.92	18.50
15	256QAM	36	20	17.00	17.26	17.05	18.50
15	256QAM	36	39	16.97	17.21	17.00	18.50
15	256QAM	75	0	16.90	17.25	16.97	18.50
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	17.12	17.26	17.11	18.50
10	QPSK	1	25	17.02	17.05	16.97	18.50
10	QPSK	1	49	17.06	17.14	17.06	18.50
10	QPSK	25	0	17.08	17.20	17.07	18.50
10	QPSK	25	12	16.81	17.18	17.00	18.50
10	QPSK	25	25	16.93	17.05	16.99	18.50
10	QPSK	50	0	16.89	17.17	17.00	18.50
10	16QAM	1	0	16.84	17.21	17.15	18.50
10	16QAM	1	25	16.88	17.07	17.13	18.50
10	16QAM	1	49	16.82	17.21	17.09	18.50
10	16QAM	25	0	16.90	17.09	16.97	18.50
10	16QAM	25	12	17.11	16.93	17.00	18.50
10	16QAM	25	25	16.70	17.09	17.09	18.50
10	16QAM	50	0	16.78	17.02	17.00	18.50
10	64QAM	1	0	16.75	17.09	17.06	18.50
10	64QAM	1	25	16.90	17.16	17.07	18.50
10	64QAM	1	49	16.82	17.06	16.94	18.50
10	64QAM	25	0	16.92	17.23	16.94	18.50
10	64QAM	25	12	16.93	17.04	17.07	18.50
10	64QAM	25	25	16.85	17.06	16.97	18.50
10	64QAM	50	0	16.94	17.18	17.11	18.50
10	256QAM	1	0	16.94	17.07	17.08	18.50
10	256QAM	1	25	16.96	17.24	17.00	18.50



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10	256QAM	1	49	16.92	17.18	17.06	18.50
10	256QAM	25	0	17.04	17.14	16.96	18.50
10	256QAM	25	12	17.06	17.26	17.05	18.50
10	256QAM	25	25	17.09	17.23	16.93	18.50
10	256QAM	50	0	16.96	17.19	16.95	18.50
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.20	17.18	17.15	18.50
5	QPSK	1	12	17.09	17.05	17.05	18.50
5	QPSK	1	24	16.99	17.13	17.09	18.50
5	QPSK	12	0	17.02	17.15	17.13	18.50
5	QPSK	12	7	16.83	17.18	16.99	18.50
5	QPSK	12	13	16.92	16.97	16.92	18.50
5	QPSK	25	0	16.81	17.07	17.02	18.50
5	16QAM	1	0	16.80	17.16	17.14	18.50
5	16QAM	1	12	16.90	17.02	17.09	18.50
5	16QAM	1	24	16.74	17.14	17.06	18.50
5	16QAM	12	0	16.90	16.98	17.02	18.50
5	16QAM	12	7	17.04	17.03	17.08	18.50
5	16QAM	12	13	16.72	17.11	17.03	18.50
5	16QAM	25	0	16.74	17.05	16.98	18.50
5	64QAM	1	0	16.79	17.12	17.02	18.50
5	64QAM	1	12	16.92	17.05	17.11	18.50
5	64QAM	1	24	16.85	16.99	17.00	18.50
5	64QAM	12	0	16.90	17.20	16.93	18.50
5	64QAM	12	7	16.89	16.96	17.01	18.50
5	64QAM	12	13	16.79	17.01	16.97	18.50
5	64QAM	25	0	16.96	17.17	17.10	18.50
5	256QAM	1	0	16.90	17.13	17.05	18.50
5	256QAM	1	12	16.85	17.22	17.06	18.50
5	256QAM	1	24	16.94	17.17	17.05	18.50
5	256QAM	12	0	17.02	17.15	16.92	18.50
5	256QAM	12	7	17.01	17.27	16.97	18.50
5	256QAM	12	13	17.01	17.23	16.99	18.50
5	256QAM	25	0	16.94	17.20	16.98	18.50

【LTE Band 42 (96)_FCC_Part 96 (3550~3600MHz)_Ant 7_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	17.13	17.25	17.02	18.50
20	QPSK	1	49	17.15	17.12	16.98	18.50
20	QPSK	1	99	17.05	17.15	17.00	18.50
20	QPSK	50	0	17.10	17.17	17.12	18.50
20	QPSK	50	24	17.03	17.15	17.10	18.50
20	QPSK	50	50	17.09	17.13	17.09	18.50
20	QPSK	100	0	17.04	17.14	17.08	18.50
20	16QAM	1	0	17.16	17.14	16.99	18.50
20	16QAM	1	49	17.15	17.12	17.01	18.50
20	16QAM	1	99	17.16	17.15	17.05	18.50
20	16QAM	50	0	17.07	17.24	17.12	18.50
20	16QAM	50	24	17.11	17.25	17.02	18.50
20	16QAM	50	50	17.08	17.15	17.06	18.50
20	16QAM	100	0	17.08	17.15	17.04	18.50
20	64QAM	1	0	17.12	17.12	17.10	18.50
20	64QAM	1	49	17.15	17.14	17.06	18.50
20	64QAM	1	99	17.10	17.13	16.98	18.50
20	64QAM	50	0	17.15	17.14	17.10	18.50
20	64QAM	50	24	17.03	17.25	16.97	18.50
20	64QAM	50	50	17.15	17.10	16.98	18.50
20	64QAM	100	0	17.11	17.23	17.04	18.50
20	256QAM	1	0	17.05	17.12	17.07	18.50
20	256QAM	1	49	17.02	17.15	17.06	18.50
20	256QAM	1	99	17.14	17.13	17.03	18.50
20	256QAM	50	0	17.15	17.11	17.10	18.50
20	256QAM	50	24	17.02	17.26	17.12	18.50
20	256QAM	50	50	17.03	17.12	17.12	18.50
20	256QAM	100	0	17.07	17.12	17.12	18.50
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	17.07	17.12	16.89	18.50



15	QPSK	1	37	17.01	17.02	16.91	18.50
15	QPSK	1	74	16.91	17.13	16.87	18.50
15	QPSK	36	0	16.97	17.10	17.00	18.50
15	QPSK	36	20	16.98	17.00	16.98	18.50
15	QPSK	36	39	16.99	17.02	17.02	18.50
15	QPSK	75	0	16.92	17.08	16.98	18.50
15	16QAM	1	0	17.10	17.09	16.95	18.50
15	16QAM	1	37	17.04	17.02	16.95	18.50
15	16QAM	1	74	17.11	17.05	16.97	18.50
15	16QAM	36	0	16.99	17.12	17.00	18.50
15	16QAM	36	20	16.98	17.11	16.95	18.50
15	16QAM	36	39	16.95	17.03	16.98	18.50
15	16QAM	75	0	16.98	17.11	16.94	18.50
15	64QAM	1	0	17.11	17.09	16.97	18.50
15	64QAM	1	37	17.09	17.12	16.94	18.50
15	64QAM	1	74	17.08	17.08	16.95	18.50
15	64QAM	36	0	17.10	17.08	17.02	18.50
15	64QAM	36	20	17.01	17.11	16.83	18.50
15	64QAM	36	39	17.02	16.95	16.96	18.50
15	64QAM	75	0	17.10	17.11	17.01	18.50
15	256QAM	1	0	16.99	17.01	16.96	18.50
15	256QAM	1	37	16.96	17.12	17.01	18.50
15	256QAM	1	74	17.08	17.08	16.90	18.50
15	256QAM	36	0	17.08	16.98	16.97	18.50
15	256QAM	36	20	17.01	17.16	17.01	18.50
15	256QAM	36	39	16.97	17.08	17.01	18.50
15	256QAM	75	0	17.00	17.08	17.01	18.50
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	17.04	17.14	16.96	18.50
10	QPSK	1	25	17.09	16.98	16.92	18.50
10	QPSK	1	49	17.01	17.06	16.98	18.50
10	QPSK	25	0	17.01	17.13	17.01	18.50
10	QPSK	25	12	16.97	17.13	17.01	18.50
10	QPSK	25	25	16.96	17.06	16.98	18.50
10	QPSK	50	0	16.98	17.13	16.94	18.50
10	16QAM	1	0	17.09	17.05	16.85	18.50
10	16QAM	1	25	17.02	17.09	16.89	18.50
10	16QAM	1	49	17.10	17.10	16.94	18.50
10	16QAM	25	0	16.97	17.19	17.02	18.50
10	16QAM	25	12	17.04	17.19	16.97	18.50
10	16QAM	25	25	16.95	17.10	17.02	18.50
10	16QAM	50	0	16.94	17.13	16.93	18.50
10	64QAM	1	0	17.01	17.04	16.98	18.50
10	64QAM	1	25	17.09	17.07	16.93	18.50
10	64QAM	1	49	17.08	17.05	16.84	18.50
10	64QAM	25	0	17.10	17.04	16.95	18.50
10	64QAM	25	12	16.92	17.23	16.93	18.50
10	64QAM	25	25	17.01	17.04	16.91	18.50
10	64QAM	50	0	17.01	17.09	16.95	18.50
10	256QAM	1	0	17.00	17.01	17.01	18.50
10	256QAM	1	25	16.98	17.02	17.02	18.50
10	256QAM	1	49	17.01	16.99	16.90	18.50
10	256QAM	25	0	17.05	17.09	16.96	18.50
10	256QAM	25	12	16.90	17.19	17.02	18.50
10	256QAM	25	25	17.01	17.04	17.01	18.50
10	256QAM	50	0	17.04	17.05	17.02	18.50
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	17.10	17.16	16.88	18.50
5	QPSK	1	12	17.06	17.11	16.91	18.50
5	QPSK	1	24	17.04	17.01	16.85	18.50
5	QPSK	12	0	17.02	17.13	17.00	18.50
5	QPSK	12	7	16.95	17.05	17.02	18.50
5	QPSK	12	13	16.96	17.11	16.98	18.50
5	QPSK	25	0	16.96	17.00	17.00	18.50
5	16QAM	1	0	17.01	17.07	16.94	18.50
5	16QAM	1	12	17.12	17.00	16.88	18.50
5	16QAM	1	24	17.11	17.03	17.02	18.50
5	16QAM	12	0	16.96	17.16	17.00	18.50
5	16QAM	12	7	17.02	17.11	16.99	18.50
5	16QAM	12	13	16.94	17.10	16.99	18.50
5	16QAM	25	0	17.00	17.03	16.96	18.50
5	64QAM	1	0	17.07	17.09	16.98	18.50
5	64QAM	1	12	17.05	17.08	16.92	18.50
5	64QAM	1	24	17.07	16.98	16.97	18.50
5	64QAM	12	0	17.13	17.12	17.02	18.50
5	64QAM	12	7	16.94	17.24	16.95	18.50



5	64QAM	12	13	17.12	16.97	16.90	18.50
5	64QAM	25	0	17.01	17.22	16.95	18.50
5	256QAM	1	0	16.97	17.00	16.96	18.50
5	256QAM	1	12	16.90	17.12	16.98	18.50
5	256QAM	1	24	17.00	17.11	16.95	18.50
5	256QAM	12	0	17.07	16.98	17.02	18.50
5	256QAM	12	7	16.92	17.18	16.99	18.50
5	256QAM	12	13	16.89	17.00	16.99	18.50
5	256QAM	25	0	17.01	17.06	17.02	18.50

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 5_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.81	19.86	19.41	21.00
20	QPSK	1	49	19.62	19.76	19.36	21.00
20	QPSK	1	99	19.61	19.53	19.18	21.00
20	QPSK	50	0	18.73	19.01	18.55	20.00
20	QPSK	50	24	18.70	18.82	18.31	20.00
20	QPSK	50	50	18.66	18.80	18.34	20.00
20	QPSK	100	0	18.64	18.82	18.47	20.00
20	16QAM	1	0	18.54	18.78	18.32	20.00
20	16QAM	1	49	18.79	18.85	18.56	20.00
20	16QAM	1	99	18.58	18.61	18.33	20.00
20	16QAM	50	0	17.73	17.76	17.36	19.00
20	16QAM	50	24	17.70	17.77	17.52	19.00
20	16QAM	50	50	17.68	17.75	17.47	19.00
20	16QAM	100	0	17.88	17.76	17.51	19.00
20	64QAM	1	0	17.55	17.85	17.29	19.00
20	64QAM	1	49	17.61	17.84	17.34	19.00
20	64QAM	1	99	17.31	17.67	17.15	19.00
20	64QAM	50	0	16.68	16.97	16.38	18.00
20	64QAM	50	24	16.71	16.79	16.48	18.00
20	64QAM	50	50	16.71	16.75	16.38	18.00
20	64QAM	100	0	16.89	16.81	16.41	18.00
20	256QAM	1	0	14.64	14.68	14.50	16.00
20	256QAM	1	49	14.61	14.72	14.42	16.00
20	256QAM	1	99	14.41	14.71	14.13	16.00
20	256QAM	50	0	14.83	14.89	14.61	16.00
20	256QAM	50	24	14.70	14.82	14.40	16.00
20	256QAM	50	50	14.65	14.79	14.38	16.00
20	256QAM	100	0	14.74	14.72	14.39	16.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.68	19.83	19.31	21.00
15	QPSK	1	37	19.53	19.65	19.31	21.00
15	QPSK	1	74	19.53	19.51	19.10	21.00
15	QPSK	36	0	18.67	18.90	18.44	20.00
15	QPSK	36	20	18.57	18.75	18.16	20.00
15	QPSK	36	39	18.52	18.77	18.28	20.00
15	QPSK	75	0	18.54	18.80	18.42	20.00
15	16QAM	1	0	18.46	18.73	18.23	20.00
15	16QAM	1	37	18.67	18.72	18.47	20.00
15	16QAM	1	74	18.53	18.52	18.25	20.00
15	16QAM	36	0	17.68	17.74	17.30	19.00
15	16QAM	36	20	17.64	17.67	17.49	19.00
15	16QAM	36	39	17.66	17.64	17.34	19.00
15	16QAM	75	0	17.81	17.66	17.37	19.00
15	64QAM	1	0	17.47	17.78	17.17	19.00
15	64QAM	1	37	17.47	17.81	17.26	19.00
15	64QAM	1	74	17.19	17.53	17.10	19.00
15	64QAM	36	0	16.58	16.89	16.28	18.00
15	64QAM	36	20	16.59	16.75	16.34	18.00
15	64QAM	36	39	16.57	16.70	16.26	18.00
15	64QAM	75	0	16.88	16.72	16.36	18.00
15	256QAM	1	0	14.51	14.59	14.35	16.00
15	256QAM	1	37	14.48	14.69	14.37	16.00
15	256QAM	1	74	14.28	14.70	14.08	16.00
15	256QAM	36	0	14.81	14.82	14.48	16.00
15	256QAM	36	20	14.56	14.68	14.38	16.00
15	256QAM	36	39	14.58	14.67	14.35	16.00



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15	256QAM	75	0	14.61	14.69	14.29	16.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	19.79	19.75	19.35	21.00
10	QPSK	1	25	19.50	19.70	19.27	21.00
10	QPSK	1	49	19.47	19.45	19.10	21.00
10	QPSK	25	0	18.58	18.87	18.47	20.00
10	QPSK	25	12	18.64	18.71	18.27	20.00
10	QPSK	25	25	18.55	18.78	18.31	20.00
10	QPSK	50	0	18.60	18.78	18.35	20.00
10	16QAM	1	0	18.41	18.76	18.28	20.00
10	16QAM	1	25	18.72	18.73	18.51	20.00
10	16QAM	1	49	18.54	18.48	18.21	20.00
10	16QAM	25	0	17.65	17.73	17.26	19.00
10	16QAM	25	12	17.69	17.70	17.48	19.00
10	16QAM	25	25	17.62	17.70	17.43	19.00
10	16QAM	50	0	17.87	17.74	17.38	19.00
10	64QAM	1	0	17.44	17.76	17.22	19.00
10	64QAM	1	25	17.52	17.75	17.24	19.00
10	64QAM	1	49	17.21	17.54	17.06	19.00
10	64QAM	25	0	16.65	16.94	16.25	18.00
10	64QAM	25	12	16.64	16.71	16.46	18.00
10	64QAM	25	25	16.66	16.63	16.34	18.00
10	64QAM	50	0	16.83	16.74	16.35	18.00
10	256QAM	1	0	14.60	14.64	14.36	16.00
10	256QAM	1	25	14.50	14.63	14.30	16.00
10	256QAM	1	49	14.35	14.59	14.10	16.00
10	256QAM	25	0	14.78	14.74	14.48	16.00
10	256QAM	25	12	14.64	14.71	14.34	16.00
10	256QAM	25	25	14.63	14.70	14.23	16.00
10	256QAM	50	0	14.62	14.70	14.25	16.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	19.75	19.75	19.31	21.00
5	QPSK	1	12	19.48	19.73	19.24	21.00
5	QPSK	1	24	19.50	19.47	19.03	21.00
5	QPSK	12	0	18.61	18.93	18.52	20.00
5	QPSK	12	7	18.60	18.81	18.22	20.00
5	QPSK	12	13	18.63	18.77	18.20	20.00
5	QPSK	25	0	18.62	18.73	18.40	20.00
5	16QAM	1	0	18.42	18.70	18.17	20.00
5	16QAM	1	12	18.76	18.83	18.46	20.00
5	16QAM	1	24	18.56	18.47	18.25	20.00
5	16QAM	12	0	17.66	17.67	17.27	19.00
5	16QAM	12	7	17.61	17.76	17.44	19.00
5	16QAM	12	13	17.65	17.64	17.36	19.00
5	16QAM	25	0	17.82	17.64	17.49	19.00
5	64QAM	1	0	17.42	17.81	17.23	19.00
5	64QAM	1	12	17.57	17.71	17.21	19.00
5	64QAM	1	24	17.25	17.56	17.09	19.00
5	64QAM	12	0	16.53	16.89	16.24	18.00
5	64QAM	12	7	16.62	16.65	16.37	18.00
5	64QAM	12	13	16.63	16.65	16.25	18.00
5	64QAM	25	0	16.78	16.80	16.35	18.00
5	256QAM	1	0	14.63	14.59	14.49	16.00
5	256QAM	1	12	14.53	14.60	14.40	16.00
5	256QAM	1	24	14.33	14.62	14.09	16.00
5	256QAM	12	0	14.73	14.80	14.53	16.00
5	256QAM	12	7	14.61	14.76	14.29	16.00
5	256QAM	12	13	14.50	14.66	14.26	16.00
5	256QAM	25	0	14.64	14.59	14.26	16.00

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.81	19.86	19.41	21.00
20	QPSK	1	49	19.62	19.76	19.36	21.00
20	QPSK	1	99	19.61	19.53	19.18	21.00
20	QPSK	50	0	18.73	19.01	18.55	20.00
20	QPSK	50	24	18.70	18.82	18.31	20.00



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20	QPSK	50	50	18.66	18.80	18.34	20.00
20	QPSK	100	0	18.64	18.82	18.47	20.00
20	16QAM	1	0	18.54	18.78	18.32	20.00
20	16QAM	1	49	18.79	18.85	18.56	20.00
20	16QAM	1	99	18.58	18.61	18.33	20.00
20	16QAM	50	0	17.73	17.76	17.36	19.00
20	16QAM	50	24	17.70	17.77	17.52	19.00
20	16QAM	50	50	17.68	17.75	17.47	19.00
20	16QAM	100	0	17.88	17.76	17.51	19.00
20	64QAM	1	0	17.55	17.85	17.29	19.00
20	64QAM	1	49	17.61	17.84	17.34	19.00
20	64QAM	1	99	17.31	17.67	17.15	19.00
20	64QAM	50	0	16.68	16.97	16.38	18.00
20	64QAM	50	24	16.71	16.79	16.48	18.00
20	64QAM	50	50	16.71	16.75	16.38	18.00
20	64QAM	100	0	16.89	16.81	16.41	18.00
20	256QAM	1	0	14.64	14.68	14.50	16.00
20	256QAM	1	49	14.61	14.72	14.42	16.00
20	256QAM	1	99	14.41	14.71	14.13	16.00
20	256QAM	50	0	14.83	14.89	14.61	16.00
20	256QAM	50	24	14.70	14.82	14.40	16.00
20	256QAM	50	50	14.65	14.79	14.38	16.00
20	256QAM	100	0	14.74	14.72	14.39	16.00
Channel				43665	44090	44515	Tune-up limit
Frequency (MHz)				3607.5	3650	3692.5	(dBm)
15	QPSK	1	0	19.68	19.83	19.31	21.00
15	QPSK	1	37	19.53	19.65	19.31	21.00
15	QPSK	1	74	19.53	19.51	19.10	21.00
15	QPSK	36	0	18.67	18.90	18.44	20.00
15	QPSK	36	20	18.57	18.75	18.16	20.00
15	QPSK	36	39	18.52	18.77	18.28	20.00
15	QPSK	75	0	18.54	18.80	18.42	20.00
15	16QAM	1	0	18.46	18.73	18.23	20.00
15	16QAM	1	37	18.67	18.72	18.47	20.00
15	16QAM	1	74	18.53	18.52	18.25	20.00
15	16QAM	36	0	17.68	17.74	17.30	19.00
15	16QAM	36	20	17.64	17.67	17.49	19.00
15	16QAM	36	39	17.66	17.64	17.34	19.00
15	16QAM	75	0	17.81	17.66	17.37	19.00
15	64QAM	1	0	17.47	17.78	17.17	19.00
15	64QAM	1	37	17.47	17.81	17.26	19.00
15	64QAM	1	74	17.19	17.53	17.10	19.00
15	64QAM	36	0	16.58	16.89	16.28	18.00
15	64QAM	36	20	16.59	16.75	16.34	18.00
15	64QAM	36	39	16.57	16.70	16.26	18.00
15	64QAM	75	0	16.88	16.72	16.36	18.00
15	256QAM	1	0	14.51	14.59	14.35	16.00
15	256QAM	1	37	14.48	14.69	14.37	16.00
15	256QAM	1	74	14.28	14.70	14.08	16.00
15	256QAM	36	0	14.81	14.82	14.48	16.00
15	256QAM	36	20	14.56	14.68	14.38	16.00
15	256QAM	36	39	14.58	14.67	14.35	16.00
15	256QAM	75	0	14.61	14.69	14.29	16.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	19.79	19.75	19.35	21.00
10	QPSK	1	25	19.50	19.70	19.27	21.00
10	QPSK	1	49	19.47	19.45	19.10	21.00
10	QPSK	25	0	18.58	18.87	18.47	20.00
10	QPSK	25	12	18.64	18.71	18.27	20.00
10	QPSK	25	25	18.55	18.78	18.31	20.00
10	QPSK	50	0	18.60	18.78	18.35	20.00
10	16QAM	1	0	18.41	18.76	18.28	20.00
10	16QAM	1	25	18.72	18.73	18.51	20.00
10	16QAM	1	49	18.54	18.48	18.21	20.00
10	16QAM	25	0	17.65	17.73	17.26	19.00
10	16QAM	25	12	17.69	17.70	17.48	19.00
10	16QAM	25	25	17.62	17.70	17.43	19.00
10	16QAM	50	0	17.87	17.74	17.38	19.00
10	64QAM	1	0	17.44	17.76	17.22	19.00
10	64QAM	1	25	17.52	17.75	17.24	19.00
10	64QAM	1	49	17.21	17.54	17.06	19.00
10	64QAM	25	0	16.65	16.94	16.25	18.00
10	64QAM	25	12	16.64	16.71	16.46	18.00
10	64QAM	25	25	16.66	16.63	16.34	18.00
10	64QAM	50	0	16.83	16.74	16.35	18.00
10	256QAM	1	0	14.60	14.64	14.36	16.00
10	256QAM	1	25	14.50	14.63	14.30	16.00



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10	256QAM	1	49	14.35	14.59	14.10	16.00
10	256QAM	25	0	14.78	14.74	14.48	16.00
10	256QAM	25	12	14.64	14.71	14.34	16.00
10	256QAM	25	25	14.63	14.70	14.23	16.00
10	256QAM	50	0	14.62	14.70	14.25	16.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	19.75	19.75	19.31	21.00
5	QPSK	1	12	19.48	19.73	19.24	21.00
5	QPSK	1	24	19.50	19.47	19.03	21.00
5	QPSK	12	0	18.61	18.93	18.52	20.00
5	QPSK	12	7	18.60	18.81	18.22	20.00
5	QPSK	12	13	18.63	18.77	18.20	20.00
5	QPSK	25	0	18.62	18.73	18.40	20.00
5	16QAM	1	0	18.42	18.70	18.17	20.00
5	16QAM	1	12	18.76	18.83	18.46	20.00
5	16QAM	1	24	18.56	18.47	18.25	20.00
5	16QAM	12	0	17.66	17.67	17.27	19.00
5	16QAM	12	7	17.61	17.76	17.44	19.00
5	16QAM	12	13	17.65	17.64	17.36	19.00
5	16QAM	25	0	17.82	17.64	17.49	19.00
5	64QAM	1	0	17.42	17.81	17.23	19.00
5	64QAM	1	12	17.57	17.71	17.21	19.00
5	64QAM	1	24	17.25	17.56	17.09	19.00
5	64QAM	12	0	16.53	16.89	16.24	18.00
5	64QAM	12	7	16.62	16.65	16.37	18.00
5	64QAM	12	13	16.63	16.65	16.25	18.00
5	64QAM	25	0	16.78	16.80	16.35	18.00
5	256QAM	1	0	14.63	14.59	14.49	16.00
5	256QAM	1	12	14.53	14.60	14.40	16.00
5	256QAM	1	24	14.33	14.62	14.09	16.00
5	256QAM	12	0	14.73	14.80	14.53	16.00
5	256QAM	12	7	14.61	14.76	14.29	16.00
5	256QAM	12	13	14.50	14.66	14.26	16.00
5	256QAM	25	0	14.64	14.59	14.26	16.00

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.81	19.86	19.41	21.00
20	QPSK	1	49	19.62	19.76	19.36	21.00
20	QPSK	1	99	19.61	19.53	19.18	21.00
20	QPSK	50	0	18.73	19.01	18.55	20.00
20	QPSK	50	24	18.70	18.82	18.31	20.00
20	QPSK	50	50	18.66	18.80	18.34	20.00
20	QPSK	100	0	18.64	18.82	18.47	20.00
20	16QAM	1	0	18.54	18.78	18.32	20.00
20	16QAM	1	49	18.79	18.85	18.56	20.00
20	16QAM	1	99	18.58	18.61	18.33	20.00
20	16QAM	50	0	17.73	17.76	17.36	19.00
20	16QAM	50	24	17.70	17.77	17.52	19.00
20	16QAM	50	50	17.68	17.75	17.47	19.00
20	16QAM	100	0	17.88	17.76	17.51	19.00
20	64QAM	1	0	17.55	17.85	17.29	19.00
20	64QAM	1	49	17.61	17.84	17.34	19.00
20	64QAM	1	99	17.31	17.67	17.15	19.00
20	64QAM	50	0	16.68	16.97	16.38	18.00
20	64QAM	50	24	16.71	16.79	16.48	18.00
20	64QAM	50	50	16.71	16.75	16.38	18.00
20	64QAM	100	0	16.89	16.81	16.41	18.00
20	256QAM	1	0	14.64	14.68	14.50	16.00
20	256QAM	1	49	14.61	14.72	14.42	16.00
20	256QAM	1	99	14.41	14.71	14.13	16.00
20	256QAM	50	0	14.83	14.89	14.61	16.00
20	256QAM	50	24	14.70	14.82	14.40	16.00
20	256QAM	50	50	14.65	14.79	14.38	16.00
20	256QAM	100	0	14.74	14.72	14.39	16.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.68	19.83	19.31	21.00



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15	QPSK	1	37	19.53	19.65	19.31	21.00
15	QPSK	1	74	19.53	19.51	19.10	21.00
15	QPSK	36	0	18.67	18.90	18.44	20.00
15	QPSK	36	20	18.57	18.75	18.16	20.00
15	QPSK	36	39	18.52	18.77	18.28	20.00
15	QPSK	75	0	18.54	18.80	18.42	20.00
15	16QAM	1	0	18.46	18.73	18.23	20.00
15	16QAM	1	37	18.67	18.72	18.47	20.00
15	16QAM	1	74	18.53	18.52	18.25	20.00
15	16QAM	36	0	17.68	17.74	17.30	19.00
15	16QAM	36	20	17.64	17.67	17.49	19.00
15	16QAM	36	39	17.66	17.64	17.34	19.00
15	16QAM	75	0	17.81	17.66	17.37	19.00
15	64QAM	1	0	17.47	17.78	17.17	19.00
15	64QAM	1	37	17.47	17.81	17.26	19.00
15	64QAM	1	74	17.19	17.53	17.10	19.00
15	64QAM	36	0	16.58	16.89	16.28	18.00
15	64QAM	36	20	16.59	16.75	16.34	18.00
15	64QAM	36	39	16.57	16.70	16.26	18.00
15	64QAM	75	0	16.88	16.72	16.36	18.00
15	256QAM	1	0	14.51	14.59	14.35	16.00
15	256QAM	1	37	14.48	14.69	14.37	16.00
15	256QAM	1	74	14.28	14.70	14.08	16.00
15	256QAM	36	0	14.81	14.82	14.48	16.00
15	256QAM	36	20	14.56	14.68	14.38	16.00
15	256QAM	36	39	14.58	14.67	14.35	16.00
15	256QAM	75	0	14.61	14.69	14.29	16.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	19.79	19.75	19.35	21.00
10	QPSK	1	25	19.50	19.70	19.27	21.00
10	QPSK	1	49	19.47	19.45	19.10	21.00
10	QPSK	25	0	18.58	18.87	18.47	20.00
10	QPSK	25	12	18.64	18.71	18.27	20.00
10	QPSK	25	25	18.55	18.78	18.31	20.00
10	QPSK	50	0	18.60	18.78	18.35	20.00
10	16QAM	1	0	18.41	18.76	18.28	20.00
10	16QAM	1	25	18.72	18.73	18.51	20.00
10	16QAM	1	49	18.54	18.48	18.21	20.00
10	16QAM	25	0	17.65	17.73	17.26	19.00
10	16QAM	25	12	17.69	17.70	17.48	19.00
10	16QAM	25	25	17.62	17.70	17.43	19.00
10	16QAM	50	0	17.87	17.74	17.38	19.00
10	64QAM	1	0	17.44	17.76	17.22	19.00
10	64QAM	1	25	17.52	17.75	17.24	19.00
10	64QAM	1	49	17.21	17.54	17.06	19.00
10	64QAM	25	0	16.65	16.94	16.25	18.00
10	64QAM	25	12	16.64	16.71	16.46	18.00
10	64QAM	25	25	16.66	16.63	16.34	18.00
10	64QAM	50	0	16.83	16.74	16.35	18.00
10	256QAM	1	0	14.60	14.64	14.36	16.00
10	256QAM	1	25	14.50	14.63	14.30	16.00
10	256QAM	1	49	14.35	14.59	14.10	16.00
10	256QAM	25	0	14.78	14.74	14.48	16.00
10	256QAM	25	12	14.64	14.71	14.34	16.00
10	256QAM	25	25	14.63	14.70	14.23	16.00
10	256QAM	50	0	14.62	14.70	14.25	16.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	19.75	19.75	19.31	21.00
5	QPSK	1	12	19.48	19.73	19.24	21.00
5	QPSK	1	24	19.50	19.47	19.03	21.00
5	QPSK	12	0	18.61	18.93	18.52	20.00
5	QPSK	12	7	18.60	18.81	18.22	20.00
5	QPSK	12	13	18.63	18.77	18.20	20.00
5	QPSK	25	0	18.62	18.73	18.40	20.00
5	16QAM	1	0	18.42	18.70	18.17	20.00
5	16QAM	1	12	18.76	18.83	18.46	20.00
5	16QAM	1	24	18.56	18.47	18.25	20.00
5	16QAM	12	0	17.66	17.67	17.27	19.00
5	16QAM	12	7	17.61	17.76	17.44	19.00
5	16QAM	12	13	17.65	17.64	17.36	19.00
5	16QAM	25	0	17.82	17.64	17.49	19.00
5	64QAM	1	0	17.42	17.81	17.23	19.00
5	64QAM	1	12	17.57	17.71	17.21	19.00
5	64QAM	1	24	17.25	17.56	17.09	19.00
5	64QAM	12	0	16.53	16.89	16.24	18.00
5	64QAM	12	7	16.62	16.65	16.37	18.00



5	64QAM	12	13	16.63	16.65	16.25	18.00
5	64QAM	25	0	16.78	16.80	16.35	18.00
5	256QAM	1	0	14.63	14.59	14.49	16.00
5	256QAM	1	12	14.53	14.60	14.40	16.00
5	256QAM	1	24	14.33	14.62	14.09	16.00
5	256QAM	12	0	14.73	14.80	14.53	16.00
5	256QAM	12	7	14.61	14.76	14.29	16.00
5	256QAM	12	13	14.50	14.66	14.26	16.00
5	256QAM	25	0	14.64	14.59	14.26	16.00

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.81	19.86	19.41	21.00
20	QPSK	1	49	19.62	19.76	19.36	21.00
20	QPSK	1	99	19.61	19.53	19.18	21.00
20	QPSK	50	0	18.73	19.01	18.55	20.00
20	QPSK	50	24	18.70	18.82	18.31	20.00
20	QPSK	50	50	18.66	18.80	18.34	20.00
20	QPSK	100	0	18.64	18.82	18.47	20.00
20	16QAM	1	0	18.54	18.78	18.32	20.00
20	16QAM	1	49	18.79	18.85	18.56	20.00
20	16QAM	1	99	18.58	18.61	18.33	20.00
20	16QAM	50	0	17.73	17.76	17.36	19.00
20	16QAM	50	24	17.70	17.77	17.52	19.00
20	16QAM	50	50	17.68	17.75	17.47	19.00
20	16QAM	100	0	17.88	17.76	17.51	19.00
20	64QAM	1	0	17.55	17.85	17.29	19.00
20	64QAM	1	49	17.61	17.84	17.34	19.00
20	64QAM	1	99	17.31	17.67	17.15	19.00
20	64QAM	50	0	16.68	16.97	16.38	18.00
20	64QAM	50	24	16.71	16.79	16.48	18.00
20	64QAM	50	50	16.71	16.75	16.38	18.00
20	64QAM	100	0	16.89	16.81	16.41	18.00
20	256QAM	1	0	14.64	14.68	14.50	16.00
20	256QAM	1	49	14.61	14.72	14.42	16.00
20	256QAM	1	99	14.41	14.71	14.13	16.00
20	256QAM	50	0	14.83	14.89	14.61	16.00
20	256QAM	50	24	14.70	14.82	14.40	16.00
20	256QAM	50	50	14.65	14.79	14.38	16.00
20	256QAM	100	0	14.74	14.72	14.39	16.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.68	19.83	19.31	21.00
15	QPSK	1	37	19.53	19.65	19.31	21.00
15	QPSK	1	74	19.53	19.51	19.10	21.00
15	QPSK	36	0	18.67	18.90	18.44	20.00
15	QPSK	36	20	18.57	18.75	18.16	20.00
15	QPSK	36	39	18.52	18.77	18.28	20.00
15	QPSK	75	0	18.54	18.80	18.42	20.00
15	16QAM	1	0	18.46	18.73	18.23	20.00
15	16QAM	1	37	18.67	18.72	18.47	20.00
15	16QAM	1	74	18.53	18.52	18.25	20.00
15	16QAM	36	0	17.68	17.74	17.30	19.00
15	16QAM	36	20	17.64	17.67	17.49	19.00
15	16QAM	36	39	17.66	17.64	17.34	19.00
15	16QAM	75	0	17.81	17.66	17.37	19.00
15	64QAM	1	0	17.47	17.78	17.17	19.00
15	64QAM	1	37	17.47	17.81	17.26	19.00
15	64QAM	1	74	17.19	17.53	17.10	19.00
15	64QAM	36	0	16.58	16.89	16.28	18.00
15	64QAM	36	20	16.59	16.75	16.34	18.00
15	64QAM	36	39	16.57	16.70	16.26	18.00
15	64QAM	75	0	16.88	16.72	16.36	18.00
15	256QAM	1	0	14.51	14.59	14.35	16.00
15	256QAM	1	37	14.48	14.69	14.37	16.00
15	256QAM	1	74	14.28	14.70	14.08	16.00
15	256QAM	36	0	14.81	14.82	14.48	16.00
15	256QAM	36	20	14.56	14.68	14.38	16.00
15	256QAM	36	39	14.58	14.67	14.35	16.00



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15	256QAM	75	0	14.61	14.69	14.29	16.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	19.79	19.75	19.35	21.00
10	QPSK	1	25	19.50	19.70	19.27	21.00
10	QPSK	1	49	19.47	19.45	19.10	21.00
10	QPSK	25	0	18.58	18.87	18.47	20.00
10	QPSK	25	12	18.64	18.71	18.27	20.00
10	QPSK	25	25	18.55	18.78	18.31	20.00
10	QPSK	50	0	18.60	18.78	18.35	20.00
10	16QAM	1	0	18.41	18.76	18.28	20.00
10	16QAM	1	25	18.72	18.73	18.51	20.00
10	16QAM	1	49	18.54	18.48	18.21	20.00
10	16QAM	25	0	17.65	17.73	17.26	19.00
10	16QAM	25	12	17.69	17.70	17.48	19.00
10	16QAM	25	25	17.62	17.70	17.43	19.00
10	16QAM	50	0	17.87	17.74	17.38	19.00
10	64QAM	1	0	17.44	17.76	17.22	19.00
10	64QAM	1	25	17.52	17.75	17.24	19.00
10	64QAM	1	49	17.21	17.54	17.06	19.00
10	64QAM	25	0	16.65	16.94	16.25	18.00
10	64QAM	25	12	16.64	16.71	16.46	18.00
10	64QAM	25	25	16.66	16.63	16.34	18.00
10	64QAM	50	0	16.83	16.74	16.35	18.00
10	256QAM	1	0	14.60	14.64	14.36	16.00
10	256QAM	1	25	14.50	14.63	14.30	16.00
10	256QAM	1	49	14.35	14.59	14.10	16.00
10	256QAM	25	0	14.78	14.74	14.48	16.00
10	256QAM	25	12	14.64	14.71	14.34	16.00
10	256QAM	25	25	14.63	14.70	14.23	16.00
10	256QAM	50	0	14.62	14.70	14.25	16.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	19.75	19.75	19.31	21.00
5	QPSK	1	12	19.48	19.73	19.24	21.00
5	QPSK	1	24	19.50	19.47	19.03	21.00
5	QPSK	12	0	18.61	18.93	18.52	20.00
5	QPSK	12	7	18.60	18.81	18.22	20.00
5	QPSK	12	13	18.63	18.77	18.20	20.00
5	QPSK	25	0	18.62	18.73	18.40	20.00
5	16QAM	1	0	18.42	18.70	18.17	20.00
5	16QAM	1	12	18.76	18.83	18.46	20.00
5	16QAM	1	24	18.56	18.47	18.25	20.00
5	16QAM	12	0	17.66	17.67	17.27	19.00
5	16QAM	12	7	17.61	17.76	17.44	19.00
5	16QAM	12	13	17.65	17.64	17.36	19.00
5	16QAM	25	0	17.82	17.64	17.49	19.00
5	64QAM	1	0	17.42	17.81	17.23	19.00
5	64QAM	1	12	17.57	17.71	17.21	19.00
5	64QAM	1	24	17.25	17.56	17.09	19.00
5	64QAM	12	0	16.53	16.89	16.24	18.00
5	64QAM	12	7	16.62	16.65	16.37	18.00
5	64QAM	12	13	16.63	16.65	16.25	18.00
5	64QAM	25	0	16.78	16.80	16.35	18.00
5	256QAM	1	0	14.63	14.59	14.49	16.00
5	256QAM	1	12	14.53	14.60	14.40	16.00
5	256QAM	1	24	14.33	14.62	14.09	16.00
5	256QAM	12	0	14.73	14.80	14.53	16.00
5	256QAM	12	7	14.61	14.76	14.29	16.00
5	256QAM	12	13	14.50	14.66	14.26	16.00
5	256QAM	25	0	14.64	14.59	14.26	16.00

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	17.83	17.89	17.47	18.50
20	QPSK	1	49	17.76	17.89	17.48	18.50
20	QPSK	1	99	17.75	17.82	17.43	18.50
20	QPSK	50	0	17.76	17.84	17.45	18.50
20	QPSK	50	24	17.84	17.73	17.44	18.50



20	QPSK	50	50	17.70	17.78	17.44	18.50
20	QPSK	100	0	17.92	17.92	17.35	18.50
20	16QAM	1	0	17.71	17.96	17.36	18.50
20	16QAM	1	49	17.86	17.96	17.37	18.50
20	16QAM	1	99	17.72	17.74	17.34	18.50
20	16QAM	50	0	17.73	17.75	17.44	18.50
20	16QAM	50	24	17.85	17.75	17.35	18.50
20	16QAM	50	50	17.79	17.90	17.48	18.50
20	16QAM	100	0	17.71	17.94	17.46	18.50
20	64QAM	1	0	17.93	17.79	17.37	18.50
20	64QAM	1	49	17.75	17.80	17.36	18.50
20	64QAM	1	99	17.76	17.93	17.36	18.50
20	64QAM	50	0	17.73	17.79	17.43	18.50
20	64QAM	50	24	17.72	17.90	17.53	18.50
20	64QAM	50	50	17.76	17.97	17.39	18.50
20	64QAM	100	0	17.91	17.94	17.37	18.50
20	256QAM	1	0	17.75	17.88	17.45	18.50
20	256QAM	1	49	17.82	17.95	17.45	18.50
20	256QAM	1	99	17.75	17.89	17.36	18.50
20	256QAM	50	0	17.80	17.80	17.48	18.50
20	256QAM	50	24	17.84	17.89	17.56	18.50
20	256QAM	50	50	17.74	17.83	17.53	18.50
20	256QAM	100	0	17.89	17.96	17.51	18.50
Channel				43665	44090	44515	Tune-up limit
Frequency (MHz)				3607.5	3650	3692.5	(dBm)
15	QPSK	1	0	17.73	17.87	17.43	18.50
15	QPSK	1	37	17.63	17.79	17.35	18.50
15	QPSK	1	74	17.61	17.79	17.31	18.50
15	QPSK	36	0	17.63	17.83	17.31	18.50
15	QPSK	36	20	17.71	17.58	17.33	18.50
15	QPSK	36	39	17.59	17.67	17.35	18.50
15	QPSK	75	0	17.79	17.84	17.24	18.50
15	16QAM	1	0	17.63	17.84	17.28	18.50
15	16QAM	1	37	17.77	17.89	17.27	18.50
15	16QAM	1	74	17.70	17.68	17.20	18.50
15	16QAM	36	0	17.64	17.74	17.36	18.50
15	16QAM	36	20	17.83	17.65	17.34	18.50
15	16QAM	36	39	17.71	17.76	17.35	18.50
15	16QAM	75	0	17.68	17.88	17.44	18.50
15	64QAM	1	0	17.81	17.75	17.25	18.50
15	64QAM	1	37	17.68	17.66	17.25	18.50
15	64QAM	1	74	17.64	17.81	17.32	18.50
15	64QAM	36	0	17.63	17.74	17.32	18.50
15	64QAM	36	20	17.70	17.83	17.47	18.50
15	64QAM	36	39	17.73	17.88	17.36	18.50
15	64QAM	75	0	17.82	17.88	17.26	18.50
15	256QAM	1	0	17.70	17.76	17.42	18.50
15	256QAM	1	37	17.78	17.89	17.41	18.50
15	256QAM	1	74	17.71	17.85	17.24	18.50
15	256QAM	36	0	17.72	17.65	17.43	18.50
15	256QAM	36	20	17.81	17.87	17.46	18.50
15	256QAM	36	39	17.61	17.76	17.42	18.50
15	256QAM	75	0	17.74	17.89	17.40	18.50
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	17.70	17.83	17.40	18.50
10	QPSK	1	25	17.66	17.86	17.33	18.50
10	QPSK	1	49	17.73	17.81	17.39	18.50
10	QPSK	25	0	17.64	17.83	17.36	18.50
10	QPSK	25	12	17.80	17.60	17.40	18.50
10	QPSK	25	25	17.63	17.64	17.37	18.50
10	QPSK	50	0	17.83	17.80	17.21	18.50
10	16QAM	1	0	17.67	17.83	17.22	18.50
10	16QAM	1	25	17.74	17.84	17.31	18.50
10	16QAM	1	49	17.65	17.62	17.23	18.50
10	16QAM	25	0	17.68	17.65	17.36	18.50
10	16QAM	25	12	17.73	17.67	17.26	18.50
10	16QAM	25	25	17.74	17.76	17.37	18.50
10	16QAM	50	0	17.60	17.82	17.43	18.50
10	64QAM	1	0	17.83	17.69	17.25	18.50
10	64QAM	1	25	17.62	17.66	17.34	18.50
10	64QAM	1	49	17.64	17.83	17.27	18.50
10	64QAM	25	0	17.68	17.77	17.34	18.50
10	64QAM	25	12	17.59	17.78	17.47	18.50
10	64QAM	25	25	17.71	17.89	17.26	18.50
10	64QAM	50	0	17.82	17.82	17.36	18.50
10	256QAM	1	0	17.65	17.84	17.43	18.50
10	256QAM	1	25	17.69	17.88	17.31	18.50



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10	256QAM	1	49	17.66	17.84	17.28	18.50
10	256QAM	25	0	17.67	17.69	17.44	18.50
10	256QAM	25	12	17.73	17.80	17.46	18.50
10	256QAM	25	25	17.60	17.71	17.42	18.50
10	256QAM	50	0	17.82	17.87	17.40	18.50
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	17.69	17.81	17.35	18.50
5	QPSK	1	12	17.71	17.82	17.39	18.50
5	QPSK	1	24	17.69	17.77	17.33	18.50
5	QPSK	12	0	17.67	17.79	17.42	18.50
5	QPSK	12	7	17.70	17.61	17.34	18.50
5	QPSK	12	13	17.66	17.75	17.38	18.50
5	QPSK	25	0	17.83	17.83	17.34	18.50
5	16QAM	1	0	17.65	17.84	17.27	18.50
5	16QAM	1	12	17.75	17.83	17.22	18.50
5	16QAM	1	24	17.64	17.60	17.28	18.50
5	16QAM	12	0	17.59	17.63	17.36	18.50
5	16QAM	12	7	17.80	17.69	17.31	18.50
5	16QAM	12	13	17.68	17.79	17.45	18.50
5	16QAM	25	0	17.68	17.88	17.45	18.50
5	64QAM	1	0	17.81	17.76	17.23	18.50
5	64QAM	1	12	17.63	17.68	17.32	18.50
5	64QAM	1	24	17.70	17.79	17.22	18.50
5	64QAM	12	0	17.64	17.70	17.42	18.50
5	64QAM	12	7	17.65	17.77	17.43	18.50
5	64QAM	12	13	17.67	17.89	17.36	18.50
5	64QAM	25	0	17.80	17.84	17.30	18.50
5	256QAM	1	0	17.72	17.77	17.32	18.50
5	256QAM	1	12	17.71	17.83	17.35	18.50
5	256QAM	1	24	17.72	17.82	17.33	18.50
5	256QAM	12	0	17.75	17.71	17.43	18.50
5	256QAM	12	7	17.76	17.82	17.47	18.50
5	256QAM	12	13	17.59	17.81	17.45	18.50
5	256QAM	25	0	17.76	17.89	17.45	18.50

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	17.83	17.89	17.47	18.50
20	QPSK	1	49	17.76	17.89	17.48	18.50
20	QPSK	1	99	17.75	17.82	17.43	18.50
20	QPSK	50	0	17.76	17.84	17.45	18.50
20	QPSK	50	24	17.84	17.73	17.44	18.50
20	QPSK	50	50	17.70	17.78	17.44	18.50
20	QPSK	100	0	17.92	17.92	17.35	18.50
20	16QAM	1	0	17.71	17.96	17.36	18.50
20	16QAM	1	49	17.86	17.96	17.37	18.50
20	16QAM	1	99	17.72	17.74	17.34	18.50
20	16QAM	50	0	17.73	17.75	17.44	18.50
20	16QAM	50	24	17.85	17.75	17.35	18.50
20	16QAM	50	50	17.79	17.90	17.48	18.50
20	16QAM	100	0	17.71	17.94	17.46	18.50
20	64QAM	1	0	17.93	17.79	17.37	18.50
20	64QAM	1	49	17.75	17.80	17.36	18.50
20	64QAM	1	99	17.76	17.93	17.36	18.50
20	64QAM	50	0	17.73	17.79	17.43	18.50
20	64QAM	50	24	17.72	17.90	17.53	18.50
20	64QAM	50	50	17.76	17.97	17.39	18.50
20	64QAM	100	0	17.91	17.94	17.37	18.50
20	256QAM	1	0	17.75	17.88	17.45	18.50
20	256QAM	1	49	17.82	17.95	17.45	18.50
20	256QAM	1	99	17.75	17.89	17.36	18.50
20	256QAM	50	0	17.80	17.80	17.48	18.50
20	256QAM	50	24	17.84	17.89	17.56	18.50
20	256QAM	50	50	17.74	17.83	17.53	18.50
20	256QAM	100	0	17.89	17.96	17.51	18.50
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	17.73	17.87	17.43	18.50



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15	QPSK	1	37	17.63	17.79	17.35	18.50
15	QPSK	1	74	17.61	17.79	17.31	18.50
15	QPSK	36	0	17.63	17.83	17.31	18.50
15	QPSK	36	20	17.71	17.58	17.33	18.50
15	QPSK	36	39	17.59	17.67	17.35	18.50
15	QPSK	75	0	17.79	17.84	17.24	18.50
15	16QAM	1	0	17.63	17.84	17.28	18.50
15	16QAM	1	37	17.77	17.89	17.27	18.50
15	16QAM	1	74	17.70	17.68	17.20	18.50
15	16QAM	36	0	17.64	17.74	17.36	18.50
15	16QAM	36	20	17.83	17.65	17.34	18.50
15	16QAM	36	39	17.71	17.76	17.35	18.50
15	16QAM	75	0	17.68	17.88	17.44	18.50
15	64QAM	1	0	17.81	17.75	17.25	18.50
15	64QAM	1	37	17.68	17.66	17.25	18.50
15	64QAM	1	74	17.64	17.81	17.32	18.50
15	64QAM	36	0	17.63	17.74	17.32	18.50
15	64QAM	36	20	17.70	17.83	17.47	18.50
15	64QAM	36	39	17.73	17.88	17.36	18.50
15	64QAM	75	0	17.82	17.88	17.26	18.50
15	256QAM	1	0	17.70	17.76	17.42	18.50
15	256QAM	1	37	17.78	17.89	17.41	18.50
15	256QAM	1	74	17.71	17.85	17.24	18.50
15	256QAM	36	0	17.72	17.65	17.43	18.50
15	256QAM	36	20	17.81	17.87	17.46	18.50
15	256QAM	36	39	17.61	17.76	17.42	18.50
15	256QAM	75	0	17.74	17.89	17.40	18.50
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	17.70	17.83	17.40	18.50
10	QPSK	1	25	17.66	17.86	17.33	18.50
10	QPSK	1	49	17.73	17.81	17.39	18.50
10	QPSK	25	0	17.64	17.83	17.36	18.50
10	QPSK	25	12	17.80	17.60	17.40	18.50
10	QPSK	25	25	17.63	17.64	17.37	18.50
10	QPSK	50	0	17.83	17.80	17.21	18.50
10	16QAM	1	0	17.67	17.83	17.22	18.50
10	16QAM	1	25	17.74	17.84	17.31	18.50
10	16QAM	1	49	17.65	17.62	17.23	18.50
10	16QAM	25	0	17.68	17.65	17.36	18.50
10	16QAM	25	12	17.73	17.67	17.26	18.50
10	16QAM	25	25	17.74	17.76	17.37	18.50
10	16QAM	50	0	17.60	17.82	17.43	18.50
10	64QAM	1	0	17.83	17.69	17.25	18.50
10	64QAM	1	25	17.62	17.66	17.34	18.50
10	64QAM	1	49	17.64	17.83	17.27	18.50
10	64QAM	25	0	17.68	17.77	17.34	18.50
10	64QAM	25	12	17.59	17.78	17.47	18.50
10	64QAM	25	25	17.71	17.89	17.26	18.50
10	64QAM	50	0	17.82	17.82	17.36	18.50
10	256QAM	1	0	17.65	17.84	17.43	18.50
10	256QAM	1	25	17.69	17.88	17.31	18.50
10	256QAM	1	49	17.66	17.84	17.28	18.50
10	256QAM	25	0	17.67	17.69	17.44	18.50
10	256QAM	25	12	17.73	17.80	17.46	18.50
10	256QAM	25	25	17.60	17.71	17.42	18.50
10	256QAM	50	0	17.82	17.87	17.40	18.50
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	17.69	17.81	17.35	18.50
5	QPSK	1	12	17.71	17.82	17.39	18.50
5	QPSK	1	24	17.69	17.77	17.33	18.50
5	QPSK	12	0	17.67	17.79	17.42	18.50
5	QPSK	12	7	17.70	17.61	17.34	18.50
5	QPSK	12	13	17.66	17.75	17.38	18.50
5	QPSK	25	0	17.83	17.83	17.34	18.50
5	16QAM	1	0	17.65	17.84	17.27	18.50
5	16QAM	1	12	17.75	17.83	17.22	18.50
5	16QAM	1	24	17.64	17.60	17.28	18.50
5	16QAM	12	0	17.59	17.63	17.36	18.50
5	16QAM	12	7	17.80	17.69	17.31	18.50
5	16QAM	12	13	17.68	17.79	17.45	18.50
5	16QAM	25	0	17.68	17.88	17.45	18.50
5	64QAM	1	0	17.81	17.76	17.23	18.50
5	64QAM	1	12	17.63	17.68	17.32	18.50
5	64QAM	1	24	17.70	17.79	17.22	18.50
5	64QAM	12	0	17.64	17.70	17.42	18.50
5	64QAM	12	7	17.65	17.77	17.43	18.50



5	64QAM	12	13	17.67	17.89	17.36	18.50
5	64QAM	25	0	17.80	17.84	17.30	18.50
5	256QAM	1	0	17.72	17.77	17.32	18.50
5	256QAM	1	12	17.71	17.83	17.35	18.50
5	256QAM	1	24	17.72	17.82	17.33	18.50
5	256QAM	12	0	17.75	17.71	17.43	18.50
5	256QAM	12	7	17.76	17.82	17.47	18.50
5	256QAM	12	13	17.59	17.81	17.45	18.50
5	256QAM	25	0	17.76	17.89	17.45	18.50

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 7_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	17.83	17.89	17.47	18.50
20	QPSK	1	49	17.76	17.89	17.48	18.50
20	QPSK	1	99	17.75	17.82	17.43	18.50
20	QPSK	50	0	17.76	17.84	17.45	18.50
20	QPSK	50	24	17.84	17.73	17.44	18.50
20	QPSK	50	50	17.70	17.78	17.44	18.50
20	QPSK	100	0	17.92	17.92	17.35	18.50
20	16QAM	1	0	17.71	17.96	17.36	18.50
20	16QAM	1	49	17.86	17.96	17.37	18.50
20	16QAM	1	99	17.72	17.74	17.34	18.50
20	16QAM	50	0	17.73	17.75	17.44	18.50
20	16QAM	50	24	17.85	17.75	17.35	18.50
20	16QAM	50	50	17.79	17.90	17.48	18.50
20	16QAM	100	0	17.71	17.94	17.46	18.50
20	64QAM	1	0	17.93	17.79	17.37	18.50
20	64QAM	1	49	17.75	17.80	17.36	18.50
20	64QAM	1	99	17.76	17.93	17.36	18.50
20	64QAM	50	0	17.73	17.79	17.43	18.50
20	64QAM	50	24	17.72	17.90	17.53	18.50
20	64QAM	50	50	17.76	17.97	17.39	18.50
20	64QAM	100	0	17.91	17.94	17.37	18.50
20	256QAM	1	0	17.75	17.88	17.45	18.50
20	256QAM	1	49	17.82	17.95	17.45	18.50
20	256QAM	1	99	17.75	17.89	17.36	18.50
20	256QAM	50	0	17.80	17.80	17.48	18.50
20	256QAM	50	24	17.84	17.89	17.56	18.50
20	256QAM	50	50	17.74	17.83	17.53	18.50
20	256QAM	100	0	17.89	17.96	17.51	18.50
Channel				43665	44090	44515	Tune-up limit
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	17.73	17.87	17.43	18.50
15	QPSK	1	37	17.63	17.79	17.35	18.50
15	QPSK	1	74	17.61	17.79	17.31	18.50
15	QPSK	36	0	17.63	17.83	17.31	18.50
15	QPSK	36	20	17.71	17.58	17.33	18.50
15	QPSK	36	39	17.59	17.67	17.35	18.50
15	QPSK	75	0	17.79	17.84	17.24	18.50
15	16QAM	1	0	17.63	17.84	17.28	18.50
15	16QAM	1	37	17.77	17.89	17.27	18.50
15	16QAM	1	74	17.70	17.68	17.20	18.50
15	16QAM	36	0	17.64	17.74	17.36	18.50
15	16QAM	36	20	17.83	17.65	17.34	18.50
15	16QAM	36	39	17.71	17.76	17.35	18.50
15	16QAM	75	0	17.68	17.88	17.44	18.50
15	64QAM	1	0	17.81	17.75	17.25	18.50
15	64QAM	1	37	17.68	17.66	17.25	18.50
15	64QAM	1	74	17.64	17.81	17.32	18.50
15	64QAM	36	0	17.63	17.74	17.32	18.50
15	64QAM	36	20	17.70	17.83	17.47	18.50
15	64QAM	36	39	17.73	17.88	17.36	18.50
15	64QAM	75	0	17.82	17.88	17.26	18.50
15	256QAM	1	0	17.70	17.76	17.42	18.50
15	256QAM	1	37	17.78	17.89	17.41	18.50
15	256QAM	1	74	17.71	17.85	17.24	18.50
15	256QAM	36	0	17.72	17.65	17.43	18.50
15	256QAM	36	20	17.81	17.87	17.46	18.50
15	256QAM	36	39	17.61	17.76	17.42	18.50



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15	256QAM	75	0	17.74	17.89	17.40	18.50
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	17.70	17.83	17.40	18.50
10	QPSK	1	25	17.66	17.86	17.33	18.50
10	QPSK	1	49	17.73	17.81	17.39	18.50
10	QPSK	25	0	17.64	17.83	17.36	18.50
10	QPSK	25	12	17.80	17.60	17.40	18.50
10	QPSK	25	25	17.63	17.64	17.37	18.50
10	QPSK	50	0	17.83	17.80	17.21	18.50
10	16QAM	1	0	17.67	17.83	17.22	18.50
10	16QAM	1	25	17.74	17.84	17.31	18.50
10	16QAM	1	49	17.65	17.62	17.23	18.50
10	16QAM	25	0	17.68	17.65	17.36	18.50
10	16QAM	25	12	17.73	17.67	17.26	18.50
10	16QAM	25	25	17.74	17.76	17.37	18.50
10	16QAM	50	0	17.60	17.82	17.43	18.50
10	64QAM	1	0	17.83	17.69	17.25	18.50
10	64QAM	1	25	17.62	17.66	17.34	18.50
10	64QAM	1	49	17.64	17.83	17.27	18.50
10	64QAM	25	0	17.68	17.77	17.34	18.50
10	64QAM	25	12	17.59	17.78	17.47	18.50
10	64QAM	25	25	17.71	17.89	17.26	18.50
10	64QAM	50	0	17.82	17.82	17.36	18.50
10	256QAM	1	0	17.65	17.84	17.43	18.50
10	256QAM	1	25	17.69	17.88	17.31	18.50
10	256QAM	1	49	17.66	17.84	17.28	18.50
10	256QAM	25	0	17.67	17.69	17.44	18.50
10	256QAM	25	12	17.73	17.80	17.46	18.50
10	256QAM	25	25	17.60	17.71	17.42	18.50
10	256QAM	50	0	17.82	17.87	17.40	18.50
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	17.69	17.81	17.35	18.50
5	QPSK	1	12	17.71	17.82	17.39	18.50
5	QPSK	1	24	17.69	17.77	17.33	18.50
5	QPSK	12	0	17.67	17.79	17.42	18.50
5	QPSK	12	7	17.70	17.61	17.34	18.50
5	QPSK	12	13	17.66	17.75	17.38	18.50
5	QPSK	25	0	17.83	17.83	17.34	18.50
5	16QAM	1	0	17.65	17.84	17.27	18.50
5	16QAM	1	12	17.75	17.83	17.22	18.50
5	16QAM	1	24	17.64	17.60	17.28	18.50
5	16QAM	12	0	17.59	17.63	17.36	18.50
5	16QAM	12	7	17.80	17.69	17.31	18.50
5	16QAM	12	13	17.68	17.79	17.45	18.50
5	16QAM	25	0	17.68	17.88	17.45	18.50
5	64QAM	1	0	17.81	17.76	17.23	18.50
5	64QAM	1	12	17.63	17.68	17.32	18.50
5	64QAM	1	24	17.70	17.79	17.22	18.50
5	64QAM	12	0	17.64	17.70	17.42	18.50
5	64QAM	12	7	17.65	17.77	17.43	18.50
5	64QAM	12	13	17.67	17.89	17.36	18.50
5	64QAM	25	0	17.80	17.84	17.30	18.50
5	256QAM	1	0	17.72	17.77	17.32	18.50
5	256QAM	1	12	17.71	17.83	17.35	18.50
5	256QAM	1	24	17.72	17.82	17.33	18.50
5	256QAM	12	0	17.75	17.71	17.43	18.50
5	256QAM	12	7	17.76	17.82	17.47	18.50
5	256QAM	12	13	17.59	17.81	17.45	18.50
5	256QAM	25	0	17.76	17.89	17.45	18.50

【LTE Band 43 (96)_FCC_Part 96 (3600~3700MHz)_Ant 7_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	17.83	17.89	17.47	18.50
20	QPSK	1	49	17.76	17.89	17.48	18.50
20	QPSK	1	99	17.75	17.82	17.43	18.50
20	QPSK	50	0	17.76	17.84	17.45	18.50
20	QPSK	50	24	17.84	17.73	17.44	18.50



20	QPSK	50	50	17.70	17.78	17.44	18.50
20	QPSK	100	0	17.92	17.92	17.35	18.50
20	16QAM	1	0	17.71	17.96	17.36	18.50
20	16QAM	1	49	17.86	17.96	17.37	18.50
20	16QAM	1	99	17.72	17.74	17.34	18.50
20	16QAM	50	0	17.73	17.75	17.44	18.50
20	16QAM	50	24	17.85	17.75	17.35	18.50
20	16QAM	50	50	17.79	17.90	17.48	18.50
20	16QAM	100	0	17.71	17.94	17.46	18.50
20	64QAM	1	0	17.93	17.79	17.37	18.50
20	64QAM	1	49	17.75	17.80	17.36	18.50
20	64QAM	1	99	17.76	17.93	17.36	18.50
20	64QAM	50	0	17.73	17.79	17.43	18.50
20	64QAM	50	24	17.72	17.90	17.53	18.50
20	64QAM	50	50	17.76	17.97	17.39	18.50
20	64QAM	100	0	17.91	17.94	17.37	18.50
20	256QAM	1	0	17.75	17.88	17.45	18.50
20	256QAM	1	49	17.82	17.95	17.45	18.50
20	256QAM	1	99	17.75	17.89	17.36	18.50
20	256QAM	50	0	17.80	17.80	17.48	18.50
20	256QAM	50	24	17.84	17.89	17.56	18.50
20	256QAM	50	50	17.74	17.83	17.53	18.50
20	256QAM	100	0	17.89	17.96	17.51	18.50
Channel				43665	44090	44515	Tune-up limit
Frequency (MHz)				3607.5	3650	3692.5	(dBm)
15	QPSK	1	0	17.73	17.87	17.43	18.50
15	QPSK	1	37	17.63	17.79	17.35	18.50
15	QPSK	1	74	17.61	17.79	17.31	18.50
15	QPSK	36	0	17.63	17.83	17.31	18.50
15	QPSK	36	20	17.71	17.58	17.33	18.50
15	QPSK	36	39	17.59	17.67	17.35	18.50
15	QPSK	75	0	17.79	17.84	17.24	18.50
15	16QAM	1	0	17.63	17.84	17.28	18.50
15	16QAM	1	37	17.77	17.89	17.27	18.50
15	16QAM	1	74	17.70	17.68	17.20	18.50
15	16QAM	36	0	17.64	17.74	17.36	18.50
15	16QAM	36	20	17.83	17.65	17.34	18.50
15	16QAM	36	39	17.71	17.76	17.35	18.50
15	16QAM	75	0	17.68	17.88	17.44	18.50
15	64QAM	1	0	17.81	17.75	17.25	18.50
15	64QAM	1	37	17.68	17.66	17.25	18.50
15	64QAM	1	74	17.64	17.81	17.32	18.50
15	64QAM	36	0	17.63	17.74	17.32	18.50
15	64QAM	36	20	17.70	17.83	17.47	18.50
15	64QAM	36	39	17.73	17.88	17.36	18.50
15	64QAM	75	0	17.82	17.88	17.26	18.50
15	256QAM	1	0	17.70	17.76	17.42	18.50
15	256QAM	1	37	17.78	17.89	17.41	18.50
15	256QAM	1	74	17.71	17.85	17.24	18.50
15	256QAM	36	0	17.72	17.65	17.43	18.50
15	256QAM	36	20	17.81	17.87	17.46	18.50
15	256QAM	36	39	17.61	17.76	17.42	18.50
15	256QAM	75	0	17.74	17.89	17.40	18.50
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	17.70	17.83	17.40	18.50
10	QPSK	1	25	17.66	17.86	17.33	18.50
10	QPSK	1	49	17.73	17.81	17.39	18.50
10	QPSK	25	0	17.64	17.83	17.36	18.50
10	QPSK	25	12	17.80	17.60	17.40	18.50
10	QPSK	25	25	17.63	17.64	17.37	18.50
10	QPSK	50	0	17.83	17.80	17.21	18.50
10	16QAM	1	0	17.67	17.83	17.22	18.50
10	16QAM	1	25	17.74	17.84	17.31	18.50
10	16QAM	1	49	17.65	17.62	17.23	18.50
10	16QAM	25	0	17.68	17.65	17.36	18.50
10	16QAM	25	12	17.73	17.67	17.26	18.50
10	16QAM	25	25	17.74	17.76	17.37	18.50
10	16QAM	50	0	17.60	17.82	17.43	18.50
10	64QAM	1	0	17.83	17.69	17.25	18.50
10	64QAM	1	25	17.62	17.66	17.34	18.50
10	64QAM	1	49	17.64	17.83	17.27	18.50
10	64QAM	25	0	17.68	17.77	17.34	18.50
10	64QAM	25	12	17.59	17.78	17.47	18.50
10	64QAM	25	25	17.71	17.89	17.26	18.50
10	64QAM	50	0	17.82	17.82	17.36	18.50
10	256QAM	1	0	17.65	17.84	17.43	18.50
10	256QAM	1	25	17.69	17.88	17.31	18.50



10	256QAM	1	49	17.66	17.84	17.28	18.50
10	256QAM	25	0	17.67	17.69	17.44	18.50
10	256QAM	25	12	17.73	17.80	17.46	18.50
10	256QAM	25	25	17.60	17.71	17.42	18.50
10	256QAM	50	0	17.82	17.87	17.40	18.50
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	17.69	17.81	17.35	18.50
5	QPSK	1	12	17.71	17.82	17.39	18.50
5	QPSK	1	24	17.69	17.77	17.33	18.50
5	QPSK	12	0	17.67	17.79	17.42	18.50
5	QPSK	12	7	17.70	17.61	17.34	18.50
5	QPSK	12	13	17.66	17.75	17.38	18.50
5	QPSK	25	0	17.83	17.83	17.34	18.50
5	16QAM	1	0	17.65	17.84	17.27	18.50
5	16QAM	1	12	17.75	17.83	17.22	18.50
5	16QAM	1	24	17.64	17.60	17.28	18.50
5	16QAM	12	0	17.59	17.63	17.36	18.50
5	16QAM	12	7	17.80	17.69	17.31	18.50
5	16QAM	12	13	17.68	17.79	17.45	18.50
5	16QAM	25	0	17.68	17.88	17.45	18.50
5	64QAM	1	0	17.81	17.76	17.23	18.50
5	64QAM	1	12	17.63	17.68	17.32	18.50
5	64QAM	1	24	17.70	17.79	17.22	18.50
5	64QAM	12	0	17.64	17.70	17.42	18.50
5	64QAM	12	7	17.65	17.77	17.43	18.50
5	64QAM	12	13	17.67	17.89	17.36	18.50
5	64QAM	25	0	17.80	17.84	17.30	18.50
5	256QAM	1	0	17.72	17.77	17.32	18.50
5	256QAM	1	12	17.71	17.83	17.35	18.50
5	256QAM	1	24	17.72	17.82	17.33	18.50
5	256QAM	12	0	17.75	17.71	17.43	18.50
5	256QAM	12	7	17.76	17.82	17.47	18.50
5	256QAM	12	13	17.59	17.81	17.45	18.50
5	256QAM	25	0	17.76	17.89	17.45	18.50

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

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	19.58	19.66	19.74	19.71	19.58	21.00
20	QPSK	1	49	19.46	19.61	19.74	19.61	19.47	21.00
20	QPSK	1	99	19.48	19.51	19.66	19.48	19.36	21.00
20	QPSK	50	0	18.74	18.80	18.93	18.83	18.66	20.00
20	QPSK	50	24	18.61	18.74	18.91	18.74	18.65	20.00
20	QPSK	50	50	18.73	18.69	18.89	18.77	18.65	20.00
20	QPSK	100	0	18.64	18.79	18.90	18.74	18.73	20.00
20	16QAM	1	0	18.59	18.65	18.76	18.63	18.59	20.00
20	16QAM	1	49	18.50	18.48	18.68	18.50	18.44	20.00
20	16QAM	1	99	18.36	18.35	18.55	18.38	18.32	20.00
20	16QAM	50	0	17.63	17.71	17.88	17.80	17.65	19.00
20	16QAM	50	24	17.69	17.72	17.91	17.74	17.62	19.00
20	16QAM	50	50	17.65	17.66	17.86	17.71	17.64	19.00
20	16QAM	100	0	17.66	17.82	17.92	17.84	17.67	19.00
20	64QAM	1	0	17.56	17.53	17.75	17.68	17.48	19.00
20	64QAM	1	49	17.53	17.60	17.76	17.60	17.59	19.00
20	64QAM	1	99	17.60	17.69	17.84	17.70	17.59	19.00
20	64QAM	50	0	16.63	16.70	16.90	16.80	16.70	18.00
20	64QAM	50	24	16.72	16.74	16.93	16.80	16.69	18.00
20	64QAM	50	50	16.62	16.70	16.86	16.69	16.64	18.00
20	64QAM	100	0	16.64	16.72	16.89	16.78	16.69	18.00
20	256QAM	1	0	14.47	14.56	14.73	14.64	14.59	16.00
20	256QAM	1	49	14.44	14.60	14.69	14.52	14.43	16.00
20	256QAM	1	99	14.59	14.62	14.77	14.68	14.58	16.00
20	256QAM	50	0	14.71	14.70	14.84	14.76	14.68	16.00
20	256QAM	50	24	14.62	14.65	14.85	14.81	14.59	16.00
20	256QAM	50	50	14.58	14.61	14.82	14.67	14.58	16.00
20	256QAM	100	0	14.58	14.65	14.83	14.77	14.70	16.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	



FCC SAR Test Report

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15	QPSK	1	0	19.43	19.64	19.72	19.63	19.53	21.00
15	QPSK	1	37	19.38	19.58	19.71	19.55	19.34	21.00
15	QPSK	1	74	19.42	19.41	19.64	19.47	19.27	21.00
15	QPSK	36	0	18.67	18.73	18.83	18.81	18.59	20.00
15	QPSK	36	20	18.52	18.61	18.78	18.61	18.55	20.00
15	QPSK	36	39	18.65	18.56	18.80	18.73	18.51	20.00
15	QPSK	75	0	18.56	18.65	18.78	18.71	18.66	20.00
15	16QAM	1	0	18.47	18.63	18.62	18.58	18.50	20.00
15	16QAM	1	37	18.45	18.33	18.65	18.44	18.40	20.00
15	16QAM	1	74	18.28	18.30	18.53	18.33	18.28	20.00
15	16QAM	36	0	17.52	17.63	17.84	17.67	17.52	19.00
15	16QAM	36	20	17.55	17.64	17.80	17.61	17.59	19.00
15	16QAM	36	39	17.61	17.53	17.78	17.68	17.62	19.00
15	16QAM	75	0	17.53	17.78	17.85	17.75	17.54	19.00
15	64QAM	1	0	17.43	17.49	17.66	17.54	17.33	19.00
15	64QAM	1	37	17.41	17.58	17.64	17.54	17.56	19.00
15	64QAM	1	74	17.57	17.63	17.80	17.61	17.47	19.00
15	64QAM	36	0	16.52	16.55	16.87	16.79	16.64	18.00
15	64QAM	36	20	16.69	16.64	16.87	16.68	16.55	18.00
15	64QAM	36	39	16.53	16.59	16.82	16.55	16.56	18.00
15	64QAM	75	0	16.52	16.70	16.83	16.76	16.55	18.00
15	256QAM	1	0	14.39	14.47	14.58	14.59	14.49	16.00
15	256QAM	1	37	14.34	14.54	14.56	14.49	14.30	16.00
15	256QAM	1	74	14.46	14.47	14.64	14.58	14.55	16.00
15	256QAM	36	0	14.57	14.65	14.77	14.61	14.60	16.00
15	256QAM	36	20	14.56	14.55	14.80	14.71	14.48	16.00
15	256QAM	36	39	14.52	14.59	14.77	14.64	14.52	16.00
15	256QAM	75	0	14.47	14.50	14.70	14.67	14.64	16.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	19.43	19.63	19.60	19.63	19.46	21.00
10	QPSK	1	25	19.45	19.50	19.60	19.55	19.46	21.00
10	QPSK	1	49	19.35	19.42	19.62	19.45	19.25	21.00
10	QPSK	25	0	18.60	18.73	18.86	18.75	18.56	20.00
10	QPSK	25	12	18.57	18.71	18.76	18.64	18.57	20.00
10	QPSK	25	25	18.61	18.66	18.77	18.67	18.57	20.00
10	QPSK	50	0	18.63	18.75	18.79	18.66	18.67	20.00
10	16QAM	1	0	18.54	18.63	18.70	18.56	18.48	20.00
10	16QAM	1	25	18.45	18.39	18.62	18.47	18.35	20.00
10	16QAM	1	49	18.35	18.31	18.42	18.33	18.18	20.00
10	16QAM	25	0	17.48	17.63	17.78	17.75	17.61	19.00
10	16QAM	25	12	17.67	17.66	17.78	17.70	17.51	19.00
10	16QAM	25	25	17.51	17.62	17.79	17.69	17.54	19.00
10	16QAM	50	0	17.61	17.72	17.79	17.79	17.59	19.00
10	64QAM	1	0	17.51	17.44	17.69	17.58	17.37	19.00
10	64QAM	1	25	17.43	17.51	17.73	17.48	17.51	19.00
10	64QAM	1	49	17.47	17.61	17.78	17.68	17.47	19.00
10	64QAM	25	0	16.55	16.65	16.87	16.71	16.66	18.00
10	64QAM	25	12	16.61	16.68	16.89	16.71	16.63	18.00
10	64QAM	25	25	16.52	16.59	16.79	16.66	16.54	18.00
10	64QAM	50	0	16.54	16.58	16.85	16.73	16.65	18.00
10	256QAM	1	0	14.42	14.43	14.59	14.63	14.54	16.00
10	256QAM	1	25	14.30	14.54	14.57	14.48	14.28	16.00
10	256QAM	1	49	14.54	14.57	14.63	14.57	14.53	16.00
10	256QAM	25	0	14.70	14.67	14.72	14.68	14.63	16.00
10	256QAM	25	12	14.60	14.60	14.75	14.74	14.49	16.00
10	256QAM	25	25	14.45	14.55	14.71	14.63	14.51	16.00
10	256QAM	50	0	14.48	14.51	14.78	14.64	14.63	16.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	19.56	19.55	19.60	19.57	19.52	21.00
5	QPSK	1	12	19.38	19.52	19.69	19.59	19.35	21.00
5	QPSK	1	24	19.47	19.40	19.54	19.45	19.24	21.00
5	QPSK	12	0	18.71	18.66	18.80	18.77	18.57	20.00
5	QPSK	12	7	18.57	18.59	18.87	18.63	18.56	20.00
5	QPSK	12	13	18.72	18.62	18.74	18.74	18.54	20.00
5	QPSK	25	0	18.55	18.73	18.83	18.70	18.64	20.00
5	16QAM	1	0	18.52	18.56	18.62	18.59	18.52	20.00
5	16QAM	1	12	18.36	18.40	18.59	18.48	18.33	20.00
5	16QAM	1	24	18.22	18.32	18.47	18.32	18.28	20.00
5	16QAM	12	0	17.53	17.68	17.74	17.70	17.56	19.00
5	16QAM	12	7	17.65	17.67	17.81	17.61	17.51	19.00
5	16QAM	12	13	17.60	17.59	17.82	17.70	17.62	19.00
5	16QAM	25	0	17.57	17.68	17.91	17.75	17.58	19.00
5	64QAM	1	0	17.48	17.50	17.65	17.59	17.38	19.00
5	64QAM	1	12	17.46	17.46	17.74	17.50	17.45	19.00



5	64QAM	1	24	17.50	17.64	17.78	17.65	17.44	19.00
5	64QAM	12	0	16.50	16.63	16.86	16.78	16.58	18.00
5	64QAM	12	7	16.61	16.72	16.83	16.68	16.56	18.00
5	64QAM	12	13	16.52	16.59	16.76	16.55	16.53	18.00
5	64QAM	25	0	16.55	16.64	16.75	16.67	16.67	18.00
5	256QAM	1	0	14.45	14.49	14.59	14.51	14.47	16.00
5	256QAM	1	12	14.32	14.53	14.64	14.44	14.28	16.00
5	256QAM	1	24	14.56	14.55	14.65	14.53	14.54	16.00
5	256QAM	12	0	14.58	14.68	14.70	14.66	14.63	16.00
5	256QAM	12	7	14.52	14.59	14.72	14.69	14.54	16.00
5	256QAM	12	13	14.43	14.54	14.73	14.58	14.53	16.00
5	256QAM	25	0	14.45	14.61	14.79	14.76	14.57	16.00

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

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	19.58	19.66	19.74	19.71	19.58	21.00
20	QPSK	1	49	19.46	19.61	19.74	19.61	19.47	21.00
20	QPSK	1	99	19.48	19.51	19.66	19.48	19.36	21.00
20	QPSK	50	0	18.74	18.80	18.93	18.83	18.66	20.00
20	QPSK	50	24	18.61	18.74	18.91	18.74	18.65	20.00
20	QPSK	50	50	18.73	18.69	18.89	18.77	18.65	20.00
20	QPSK	100	0	18.64	18.79	18.90	18.74	18.73	20.00
20	16QAM	1	0	18.59	18.65	18.76	18.63	18.59	20.00
20	16QAM	1	49	18.50	18.48	18.68	18.50	18.44	20.00
20	16QAM	1	99	18.36	18.35	18.55	18.38	18.32	20.00
20	16QAM	50	0	17.63	17.71	17.88	17.80	17.65	19.00
20	16QAM	50	24	17.69	17.72	17.91	17.74	17.62	19.00
20	16QAM	50	50	17.65	17.66	17.86	17.71	17.64	19.00
20	16QAM	100	0	17.66	17.82	17.92	17.84	17.67	19.00
20	64QAM	1	0	17.56	17.53	17.75	17.68	17.48	19.00
20	64QAM	1	49	17.53	17.60	17.76	17.60	17.59	19.00
20	64QAM	1	99	17.60	17.69	17.84	17.70	17.59	19.00
20	64QAM	50	0	16.63	16.70	16.90	16.80	16.70	18.00
20	64QAM	50	24	16.72	16.74	16.93	16.80	16.69	18.00
20	64QAM	50	50	16.62	16.70	16.86	16.69	16.64	18.00
20	64QAM	100	0	16.64	16.72	16.89	16.78	16.69	18.00
20	256QAM	1	0	14.47	14.56	14.73	14.64	14.59	16.00
20	256QAM	1	49	14.44	14.60	14.69	14.52	14.43	16.00
20	256QAM	1	99	14.59	14.62	14.77	14.68	14.58	16.00
20	256QAM	50	0	14.71	14.70	14.84	14.76	14.68	16.00
20	256QAM	50	24	14.62	14.65	14.85	14.81	14.59	16.00
20	256QAM	50	50	14.58	14.61	14.82	14.67	14.58	16.00
20	256QAM	100	0	14.58	14.65	14.83	14.77	14.70	16.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	19.43	19.64	19.72	19.63	19.53	21.00
15	QPSK	1	37	19.38	19.58	19.71	19.55	19.34	21.00
15	QPSK	1	74	19.42	19.41	19.64	19.47	19.27	21.00
15	QPSK	36	0	18.67	18.73	18.83	18.81	18.59	20.00
15	QPSK	36	20	18.52	18.61	18.78	18.61	18.55	20.00
15	QPSK	36	39	18.65	18.56	18.80	18.73	18.51	20.00
15	QPSK	75	0	18.56	18.65	18.78	18.71	18.66	20.00
15	16QAM	1	0	18.47	18.63	18.62	18.58	18.50	20.00
15	16QAM	1	37	18.45	18.33	18.65	18.44	18.40	20.00
15	16QAM	1	74	18.28	18.30	18.53	18.33	18.28	20.00
15	16QAM	36	0	17.52	17.63	17.84	17.67	17.52	19.00
15	16QAM	36	20	17.55	17.64	17.80	17.61	17.59	19.00
15	16QAM	36	39	17.61	17.53	17.78	17.68	17.62	19.00
15	16QAM	75	0	17.53	17.78	17.85	17.75	17.54	19.00
15	64QAM	1	0	17.43	17.49	17.66	17.54	17.33	19.00
15	64QAM	1	37	17.41	17.58	17.64	17.54	17.56	19.00
15	64QAM	1	74	17.57	17.63	17.80	17.61	17.47	19.00
15	64QAM	36	0	16.52	16.55	16.87	16.79	16.64	18.00
15	64QAM	36	20	16.69	16.64	16.87	16.68	16.55	18.00
15	64QAM	36	39	16.53	16.59	16.82	16.55	16.56	18.00
15	64QAM	75	0	16.52	16.70	16.83	16.76	16.55	18.00
15	256QAM	1	0	14.39	14.47	14.58	14.59	14.49	16.00
15	256QAM	1	37	14.34	14.54	14.56	14.49	14.30	16.00



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15	256QAM	1	74	14.46	14.47	14.64	14.58	14.55	16.00
15	256QAM	36	0	14.57	14.65	14.77	14.61	14.60	16.00
15	256QAM	36	20	14.56	14.55	14.80	14.71	14.48	16.00
15	256QAM	36	39	14.52	14.59	14.77	14.64	14.52	16.00
15	256QAM	75	0	14.47	14.50	14.70	14.67	14.64	16.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	19.43	19.63	19.60	19.63	19.46	21.00
10	QPSK	1	25	19.45	19.50	19.60	19.55	19.46	21.00
10	QPSK	1	49	19.35	19.42	19.62	19.45	19.25	21.00
10	QPSK	25	0	18.60	18.73	18.86	18.75	18.56	20.00
10	QPSK	25	12	18.57	18.71	18.76	18.64	18.57	20.00
10	QPSK	25	25	18.61	18.66	18.77	18.67	18.57	20.00
10	QPSK	50	0	18.63	18.75	18.79	18.66	18.67	20.00
10	16QAM	1	0	18.54	18.63	18.70	18.56	18.48	20.00
10	16QAM	1	25	18.45	18.39	18.62	18.47	18.35	20.00
10	16QAM	1	49	18.35	18.31	18.42	18.33	18.18	20.00
10	16QAM	25	0	17.48	17.63	17.78	17.75	17.61	19.00
10	16QAM	25	12	17.67	17.66	17.78	17.70	17.51	19.00
10	16QAM	25	25	17.51	17.62	17.79	17.69	17.54	19.00
10	16QAM	50	0	17.61	17.72	17.79	17.79	17.59	19.00
10	64QAM	1	0	17.51	17.44	17.69	17.58	17.37	19.00
10	64QAM	1	25	17.43	17.51	17.73	17.48	17.51	19.00
10	64QAM	1	49	17.47	17.61	17.78	17.68	17.47	19.00
10	64QAM	25	0	16.55	16.65	16.87	16.71	16.66	18.00
10	64QAM	25	12	16.61	16.68	16.89	16.71	16.63	18.00
10	64QAM	25	25	16.52	16.59	16.79	16.66	16.54	18.00
10	64QAM	50	0	16.54	16.58	16.85	16.73	16.65	18.00
10	256QAM	1	0	14.42	14.43	14.59	14.63	14.54	16.00
10	256QAM	1	25	14.30	14.54	14.57	14.48	14.28	16.00
10	256QAM	1	49	14.54	14.57	14.63	14.57	14.53	16.00
10	256QAM	25	0	14.70	14.67	14.72	14.68	14.63	16.00
10	256QAM	25	12	14.60	14.60	14.75	14.74	14.49	16.00
10	256QAM	25	25	14.45	14.55	14.71	14.63	14.51	16.00
10	256QAM	50	0	14.48	14.51	14.78	14.64	14.63	16.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	19.56	19.55	19.60	19.57	19.52	21.00
5	QPSK	1	12	19.38	19.52	19.69	19.59	19.35	21.00
5	QPSK	1	24	19.47	19.40	19.54	19.45	19.24	21.00
5	QPSK	12	0	18.71	18.66	18.80	18.77	18.57	20.00
5	QPSK	12	7	18.57	18.59	18.87	18.63	18.56	20.00
5	QPSK	12	13	18.72	18.62	18.74	18.74	18.54	20.00
5	QPSK	25	0	18.55	18.73	18.83	18.70	18.64	20.00
5	16QAM	1	0	18.52	18.56	18.62	18.59	18.52	20.00
5	16QAM	1	12	18.36	18.40	18.59	18.48	18.33	20.00
5	16QAM	1	24	18.22	18.32	18.47	18.32	18.28	20.00
5	16QAM	12	0	17.53	17.68	17.74	17.70	17.56	19.00
5	16QAM	12	7	17.65	17.67	17.81	17.61	17.51	19.00
5	16QAM	12	13	17.60	17.59	17.82	17.70	17.62	19.00
5	16QAM	25	0	17.57	17.68	17.91	17.75	17.58	19.00
5	64QAM	1	0	17.48	17.50	17.65	17.59	17.38	19.00
5	64QAM	1	12	17.46	17.46	17.74	17.50	17.45	19.00
5	64QAM	1	24	17.50	17.64	17.78	17.65	17.44	19.00
5	64QAM	12	0	16.50	16.63	16.86	16.78	16.58	18.00
5	64QAM	12	7	16.61	16.72	16.83	16.68	16.56	18.00
5	64QAM	12	13	16.52	16.59	16.76	16.55	16.53	18.00
5	64QAM	25	0	16.55	16.64	16.75	16.67	16.67	18.00
5	256QAM	1	0	14.45	14.49	14.59	14.51	14.47	16.00
5	256QAM	1	12	14.32	14.53	14.64	14.44	14.28	16.00
5	256QAM	1	24	14.56	14.55	14.65	14.53	14.54	16.00
5	256QAM	12	0	14.58	14.68	14.70	14.66	14.63	16.00
5	256QAM	12	7	14.52	14.59	14.72	14.69	14.54	16.00
5	256QAM	12	13	14.43	14.54	14.73	14.58	14.53	16.00
5	256QAM	25	0	14.45	14.61	14.79	14.76	14.57	16.00



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

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	21.00
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	19.58	19.66	19.74	19.71	19.58	21.00
20	QPSK	1	49	19.46	19.61	19.74	19.61	19.47	21.00
20	QPSK	1	99	19.48	19.51	19.66	19.48	19.36	21.00
20	QPSK	50	0	18.74	18.80	18.93	18.83	18.66	20.00
20	QPSK	50	24	18.61	18.74	18.91	18.74	18.65	20.00
20	QPSK	50	50	18.73	18.69	18.89	18.77	18.65	20.00
20	QPSK	100	0	18.64	18.79	18.90	18.74	18.73	20.00
20	16QAM	1	0	18.59	18.65	18.76	18.63	18.59	20.00
20	16QAM	1	49	18.50	18.48	18.68	18.50	18.44	20.00
20	16QAM	1	99	18.36	18.35	18.55	18.38	18.32	20.00
20	16QAM	50	0	17.63	17.71	17.88	17.80	17.65	19.00
20	16QAM	50	24	17.69	17.72	17.91	17.74	17.62	19.00
20	16QAM	50	50	17.65	17.66	17.86	17.71	17.64	19.00
20	16QAM	100	0	17.66	17.82	17.92	17.84	17.67	19.00
20	64QAM	1	0	17.56	17.53	17.75	17.68	17.48	19.00
20	64QAM	1	49	17.53	17.60	17.76	17.60	17.59	19.00
20	64QAM	1	99	17.60	17.69	17.84	17.70	17.59	19.00
20	64QAM	50	0	16.63	16.70	16.90	16.80	16.70	18.00
20	64QAM	50	24	16.72	16.74	16.93	16.80	16.69	18.00
20	64QAM	50	50	16.62	16.70	16.86	16.69	16.64	18.00
20	64QAM	100	0	16.64	16.72	16.89	16.78	16.69	18.00
20	256QAM	1	0	14.47	14.56	14.73	14.64	14.59	16.00
20	256QAM	1	49	14.44	14.60	14.69	14.52	14.43	16.00
20	256QAM	1	99	14.59	14.62	14.77	14.68	14.58	16.00
20	256QAM	50	0	14.71	14.70	14.84	14.76	14.68	16.00
20	256QAM	50	24	14.62	14.65	14.85	14.81	14.59	16.00
20	256QAM	50	50	14.58	14.61	14.82	14.67	14.58	16.00
20	256QAM	100	0	14.58	14.65	14.83	14.77	14.70	16.00
Channel				55315	55820	55990	56160	56665	21.00
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	19.43	19.64	19.72	19.63	19.53	21.00
15	QPSK	1	37	19.38	19.58	19.71	19.55	19.34	21.00
15	QPSK	1	74	19.42	19.41	19.64	19.47	19.27	21.00
15	QPSK	36	0	18.67	18.73	18.83	18.81	18.59	20.00
15	QPSK	36	20	18.52	18.61	18.78	18.61	18.55	20.00
15	QPSK	36	39	18.65	18.56	18.80	18.73	18.51	20.00
15	QPSK	75	0	18.56	18.65	18.78	18.71	18.66	20.00
15	16QAM	1	0	18.47	18.63	18.62	18.58	18.50	20.00
15	16QAM	1	37	18.45	18.33	18.65	18.44	18.40	20.00
15	16QAM	1	74	18.28	18.30	18.53	18.33	18.28	20.00
15	16QAM	36	0	17.52	17.63	17.84	17.67	17.52	19.00
15	16QAM	36	20	17.55	17.64	17.80	17.61	17.59	19.00
15	16QAM	36	39	17.61	17.53	17.78	17.68	17.62	19.00
15	16QAM	75	0	17.53	17.78	17.85	17.75	17.54	19.00
15	64QAM	1	0	17.43	17.49	17.66	17.54	17.33	19.00
15	64QAM	1	37	17.41	17.58	17.64	17.54	17.56	19.00
15	64QAM	1	74	17.57	17.63	17.80	17.61	17.47	19.00
15	64QAM	36	0	16.52	16.55	16.87	16.79	16.64	18.00
15	64QAM	36	20	16.69	16.64	16.87	16.68	16.55	18.00
15	64QAM	36	39	16.53	16.59	16.82	16.55	16.56	18.00
15	64QAM	75	0	16.52	16.70	16.83	16.76	16.55	18.00
15	256QAM	1	0	14.39	14.47	14.58	14.59	14.49	16.00
15	256QAM	1	37	14.34	14.54	14.56	14.49	14.30	16.00
15	256QAM	1	74	14.46	14.47	14.64	14.58	14.55	16.00
15	256QAM	36	0	14.57	14.65	14.77	14.61	14.60	16.00
15	256QAM	36	20	14.56	14.55	14.80	14.71	14.48	16.00
15	256QAM	36	39	14.52	14.59	14.77	14.64	14.52	16.00
15	256QAM	75	0	14.47	14.50	14.70	14.67	14.64	16.00
Channel				55290	55815	55990	56165	56690	21.00
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	19.43	19.63	19.60	19.63	19.46	21.00
10	QPSK	1	25	19.45	19.50	19.60	19.55	19.46	21.00
10	QPSK	1	49	19.35	19.42	19.62	19.45	19.25	21.00
10	QPSK	25	0	18.60	18.73	18.86	18.75	18.56	20.00
10	QPSK	25	12	18.57	18.71	18.76	18.64	18.57	20.00
10	QPSK	25	25	18.61	18.66	18.77	18.67	18.57	20.00
10	QPSK	50	0	18.63	18.75	18.79	18.66	18.67	20.00
10	16QAM	1	0	18.54	18.63	18.70	18.56	18.48	20.00
10	16QAM	1	25	18.45	18.39	18.62	18.47	18.35	20.00



10	16QAM	1	49	18.35	18.31	18.42	18.33	18.18	20.00
10	16QAM	25	0	17.48	17.63	17.78	17.75	17.61	19.00
10	16QAM	25	12	17.67	17.66	17.78	17.70	17.51	19.00
10	16QAM	25	25	17.51	17.62	17.79	17.69	17.54	19.00
10	16QAM	50	0	17.61	17.72	17.79	17.79	17.59	19.00
10	64QAM	1	0	17.51	17.44	17.69	17.58	17.37	19.00
10	64QAM	1	25	17.43	17.51	17.73	17.48	17.51	19.00
10	64QAM	1	49	17.47	17.61	17.78	17.68	17.47	19.00
10	64QAM	25	0	16.55	16.65	16.87	16.71	16.66	18.00
10	64QAM	25	12	16.61	16.68	16.89	16.71	16.63	18.00
10	64QAM	25	25	16.52	16.59	16.79	16.66	16.54	18.00
10	64QAM	50	0	16.54	16.58	16.85	16.73	16.65	18.00
10	256QAM	1	0	14.42	14.43	14.59	14.63	14.54	16.00
10	256QAM	1	25	14.30	14.54	14.57	14.48	14.28	16.00
10	256QAM	1	49	14.54	14.57	14.63	14.57	14.53	16.00
10	256QAM	25	0	14.70	14.67	14.72	14.68	14.63	16.00
10	256QAM	25	12	14.60	14.60	14.75	14.74	14.49	16.00
10	256QAM	25	25	14.45	14.55	14.71	14.63	14.51	16.00
10	256QAM	50	0	14.48	14.51	14.78	14.64	14.63	16.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	19.56	19.55	19.60	19.57	19.52	21.00
5	QPSK	1	12	19.38	19.52	19.69	19.59	19.35	21.00
5	QPSK	1	24	19.47	19.40	19.54	19.45	19.24	21.00
5	QPSK	12	0	18.71	18.66	18.80	18.77	18.57	20.00
5	QPSK	12	7	18.57	18.59	18.87	18.63	18.56	20.00
5	QPSK	12	13	18.72	18.62	18.74	18.74	18.54	20.00
5	QPSK	25	0	18.55	18.73	18.83	18.70	18.64	20.00
5	16QAM	1	0	18.52	18.56	18.62	18.59	18.52	20.00
5	16QAM	1	12	18.36	18.40	18.59	18.48	18.33	20.00
5	16QAM	1	24	18.22	18.32	18.47	18.32	18.28	20.00
5	16QAM	12	0	17.53	17.68	17.74	17.70	17.56	19.00
5	16QAM	12	7	17.65	17.67	17.81	17.61	17.51	19.00
5	16QAM	12	13	17.60	17.59	17.82	17.70	17.62	19.00
5	16QAM	25	0	17.57	17.68	17.91	17.75	17.58	19.00
5	64QAM	1	0	17.48	17.50	17.65	17.59	17.38	19.00
5	64QAM	1	12	17.46	17.46	17.74	17.50	17.45	19.00
5	64QAM	1	24	17.50	17.64	17.78	17.65	17.44	19.00
5	64QAM	12	0	16.50	16.63	16.86	16.78	16.58	18.00
5	64QAM	12	7	16.61	16.72	16.83	16.68	16.56	18.00
5	64QAM	12	13	16.52	16.59	16.76	16.55	16.53	18.00
5	64QAM	25	0	16.55	16.64	16.75	16.67	16.67	18.00
5	256QAM	1	0	14.45	14.49	14.59	14.51	14.47	16.00
5	256QAM	1	12	14.32	14.53	14.64	14.44	14.28	16.00
5	256QAM	1	24	14.56	14.55	14.65	14.53	14.54	16.00
5	256QAM	12	0	14.58	14.68	14.70	14.66	14.63	16.00
5	256QAM	12	7	14.52	14.59	14.72	14.69	14.54	16.00
5	256QAM	12	13	14.43	14.54	14.73	14.58	14.53	16.00
5	256QAM	25	0	14.45	14.61	14.79	14.76	14.57	16.00

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

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	19.58	19.66	19.74	19.71	19.58	21.00
20	QPSK	1	49	19.46	19.61	19.74	19.61	19.47	21.00
20	QPSK	1	99	19.48	19.51	19.66	19.48	19.36	21.00
20	QPSK	50	0	18.74	18.80	18.93	18.83	18.66	20.00
20	QPSK	50	24	18.61	18.74	18.91	18.74	18.65	20.00
20	QPSK	50	50	18.73	18.69	18.89	18.77	18.65	20.00
20	QPSK	100	0	18.64	18.79	18.90	18.74	18.73	20.00
20	16QAM	1	0	18.59	18.65	18.76	18.63	18.59	20.00
20	16QAM	1	49	18.50	18.48	18.68	18.50	18.44	20.00
20	16QAM	1	99	18.36	18.35	18.55	18.38	18.32	20.00
20	16QAM	50	0	17.63	17.71	17.88	17.80	17.65	19.00
20	16QAM	50	24	17.69	17.72	17.91	17.74	17.62	19.00
20	16QAM	50	50	17.65	17.66	17.86	17.71	17.64	19.00
20	16QAM	100	0	17.66	17.82	17.92	17.84	17.67	19.00
20	64QAM	1	0	17.56	17.53	17.75	17.68	17.48	19.00
20	64QAM	1	49	17.53	17.60	17.76	17.60	17.59	19.00



20	64QAM	1	99	17.60	17.69	17.84	17.70	17.59	19.00
20	64QAM	50	0	16.63	16.70	16.90	16.80	16.70	18.00
20	64QAM	50	24	16.72	16.74	16.93	16.80	16.69	18.00
20	64QAM	50	50	16.62	16.70	16.86	16.69	16.64	18.00
20	64QAM	100	0	16.64	16.72	16.89	16.78	16.69	18.00
20	256QAM	1	0	14.47	14.56	14.73	14.64	14.59	16.00
20	256QAM	1	49	14.44	14.60	14.69	14.52	14.43	16.00
20	256QAM	1	99	14.59	14.62	14.77	14.68	14.58	16.00
20	256QAM	50	0	14.71	14.70	14.84	14.76	14.68	16.00
20	256QAM	50	24	14.62	14.65	14.85	14.81	14.59	16.00
20	256QAM	50	50	14.58	14.61	14.82	14.67	14.58	16.00
20	256QAM	100	0	14.58	14.65	14.83	14.77	14.70	16.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	19.43	19.64	19.72	19.63	19.53	21.00
15	QPSK	1	37	19.38	19.58	19.71	19.55	19.34	21.00
15	QPSK	1	74	19.42	19.41	19.64	19.47	19.27	21.00
15	QPSK	36	0	18.67	18.73	18.83	18.81	18.59	20.00
15	QPSK	36	20	18.52	18.61	18.78	18.61	18.55	20.00
15	QPSK	36	39	18.65	18.56	18.80	18.73	18.51	20.00
15	QPSK	75	0	18.56	18.65	18.78	18.71	18.66	20.00
15	16QAM	1	0	18.47	18.63	18.62	18.58	18.50	20.00
15	16QAM	1	37	18.45	18.33	18.65	18.44	18.40	20.00
15	16QAM	1	74	18.28	18.30	18.53	18.33	18.28	20.00
15	16QAM	36	0	17.52	17.63	17.84	17.67	17.52	19.00
15	16QAM	36	20	17.55	17.64	17.80	17.61	17.59	19.00
15	16QAM	36	39	17.61	17.53	17.78	17.68	17.62	19.00
15	16QAM	75	0	17.53	17.78	17.85	17.75	17.54	19.00
15	64QAM	1	0	17.43	17.49	17.66	17.54	17.33	19.00
15	64QAM	1	37	17.41	17.58	17.64	17.54	17.56	19.00
15	64QAM	1	74	17.57	17.63	17.80	17.61	17.47	19.00
15	64QAM	36	0	16.52	16.55	16.87	16.79	16.64	18.00
15	64QAM	36	20	16.69	16.64	16.87	16.68	16.55	18.00
15	64QAM	36	39	16.53	16.59	16.82	16.55	16.56	18.00
15	64QAM	75	0	16.52	16.70	16.83	16.76	16.55	18.00
15	256QAM	1	0	14.39	14.47	14.58	14.59	14.49	16.00
15	256QAM	1	37	14.34	14.54	14.56	14.49	14.30	16.00
15	256QAM	1	74	14.46	14.47	14.64	14.58	14.55	16.00
15	256QAM	36	0	14.57	14.65	14.77	14.61	14.60	16.00
15	256QAM	36	20	14.56	14.55	14.80	14.71	14.48	16.00
15	256QAM	36	39	14.52	14.59	14.77	14.64	14.52	16.00
15	256QAM	75	0	14.47	14.50	14.70	14.67	14.64	16.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	19.43	19.63	19.60	19.63	19.46	21.00
10	QPSK	1	25	19.45	19.50	19.60	19.55	19.46	21.00
10	QPSK	1	49	19.35	19.42	19.62	19.45	19.25	21.00
10	QPSK	25	0	18.60	18.73	18.86	18.75	18.56	20.00
10	QPSK	25	12	18.57	18.71	18.76	18.64	18.57	20.00
10	QPSK	25	25	18.61	18.66	18.77	18.67	18.57	20.00
10	QPSK	50	0	18.63	18.75	18.79	18.66	18.67	20.00
10	16QAM	1	0	18.54	18.63	18.70	18.56	18.48	20.00
10	16QAM	1	25	18.45	18.39	18.62	18.47	18.35	20.00
10	16QAM	1	49	18.35	18.31	18.42	18.33	18.18	20.00
10	16QAM	25	0	17.48	17.63	17.78	17.75	17.61	19.00
10	16QAM	25	12	17.67	17.66	17.78	17.70	17.51	19.00
10	16QAM	25	25	17.51	17.62	17.79	17.69	17.54	19.00
10	16QAM	50	0	17.61	17.72	17.79	17.79	17.59	19.00
10	64QAM	1	0	17.51	17.44	17.69	17.58	17.37	19.00
10	64QAM	1	25	17.43	17.51	17.73	17.48	17.51	19.00
10	64QAM	1	49	17.47	17.61	17.78	17.68	17.47	19.00
10	64QAM	25	0	16.55	16.65	16.87	16.71	16.66	18.00
10	64QAM	25	12	16.61	16.68	16.89	16.71	16.63	18.00
10	64QAM	25	25	16.52	16.59	16.79	16.66	16.54	18.00
10	64QAM	50	0	16.54	16.58	16.85	16.73	16.65	18.00
10	256QAM	1	0	14.42	14.43	14.59	14.63	14.54	16.00
10	256QAM	1	25	14.30	14.54	14.57	14.48	14.28	16.00
10	256QAM	1	49	14.54	14.57	14.63	14.57	14.53	16.00
10	256QAM	25	0	14.70	14.67	14.72	14.68	14.63	16.00
10	256QAM	25	12	14.60	14.60	14.75	14.74	14.49	16.00
10	256QAM	25	25	14.45	14.55	14.71	14.63	14.51	16.00
10	256QAM	50	0	14.48	14.51	14.78	14.64	14.63	16.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	19.56	19.55	19.60	19.57	19.52	21.00



5	QPSK	1	12	19.38	19.52	19.69	19.59	19.35	21.00
5	QPSK	1	24	19.47	19.40	19.54	19.45	19.24	21.00
5	QPSK	12	0	18.71	18.66	18.80	18.77	18.57	20.00
5	QPSK	12	7	18.57	18.59	18.87	18.63	18.56	20.00
5	QPSK	12	13	18.72	18.62	18.74	18.74	18.54	20.00
5	QPSK	25	0	18.55	18.73	18.83	18.70	18.64	20.00
5	16QAM	1	0	18.52	18.56	18.62	18.59	18.52	20.00
5	16QAM	1	12	18.36	18.40	18.59	18.48	18.33	20.00
5	16QAM	1	24	18.22	18.32	18.47	18.32	18.28	20.00
5	16QAM	12	0	17.53	17.68	17.74	17.70	17.56	19.00
5	16QAM	12	7	17.65	17.67	17.81	17.61	17.51	19.00
5	16QAM	12	13	17.60	17.59	17.82	17.70	17.62	19.00
5	16QAM	25	0	17.57	17.68	17.91	17.75	17.58	19.00
5	64QAM	1	0	17.48	17.50	17.65	17.59	17.38	19.00
5	64QAM	1	12	17.46	17.46	17.74	17.50	17.45	19.00
5	64QAM	1	24	17.50	17.64	17.78	17.65	17.44	19.00
5	64QAM	12	0	16.50	16.63	16.86	16.78	16.58	18.00
5	64QAM	12	7	16.61	16.72	16.83	16.68	16.56	18.00
5	64QAM	12	13	16.52	16.59	16.76	16.55	16.53	18.00
5	64QAM	25	0	16.55	16.64	16.75	16.67	16.67	18.00
5	256QAM	1	0	14.45	14.49	14.59	14.51	14.47	16.00
5	256QAM	1	12	14.32	14.53	14.64	14.44	14.28	16.00
5	256QAM	1	24	14.56	14.55	14.65	14.53	14.54	16.00
5	256QAM	12	0	14.58	14.68	14.70	14.66	14.63	16.00
5	256QAM	12	7	14.52	14.59	14.72	14.69	14.54	16.00
5	256QAM	12	13	14.43	14.54	14.73	14.58	14.53	16.00
5	256QAM	25	0	14.45	14.61	14.79	14.76	14.57	16.00

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

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	18.50
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.95	17.41	17.63	17.46	17.46	18.50
20	QPSK	1	49	16.84	17.41	17.58	17.42	17.44	18.50
20	QPSK	1	99	16.78	17.31	17.53	17.34	17.41	18.50
20	QPSK	50	0	16.96	17.56	17.58	17.48	17.47	18.50
20	QPSK	50	24	16.89	17.46	17.53	17.33	17.45	18.50
20	QPSK	50	50	16.81	17.48	17.51	17.42	17.40	18.50
20	QPSK	100	0	16.82	17.31	17.52	17.41	17.44	18.50
20	16QAM	1	0	16.83	17.39	17.54	17.34	17.39	18.50
20	16QAM	1	49	16.85	17.37	17.57	17.38	17.51	18.50
20	16QAM	1	99	16.93	17.44	17.55	17.31	17.49	18.50
20	16QAM	50	0	16.82	17.35	17.62	17.39	17.44	18.50
20	16QAM	50	24	16.92	17.39	17.54	17.33	17.51	18.50
20	16QAM	50	50	16.77	17.44	17.47	17.38	17.39	18.50
20	16QAM	100	0	16.83	17.43	17.51	17.46	17.52	18.50
20	64QAM	1	0	16.91	17.31	17.62	17.40	17.38	18.50
20	64QAM	1	49	16.82	17.43	17.60	17.42	17.36	18.50
20	64QAM	1	99	16.96	17.35	17.62	17.38	17.33	18.50
20	64QAM	50	0	16.91	17.39	17.59	17.49	17.41	18.50
20	64QAM	50	24	16.78	17.39	17.50	17.37	17.47	18.50
20	64QAM	50	50	16.96	17.30	17.55	17.35	17.37	18.50
20	64QAM	100	0	16.80	17.43	17.49	17.36	17.45	18.50
20	256QAM	1	0	16.82	17.42	17.63	17.46	17.40	18.50
20	256QAM	1	49	16.93	17.34	17.63	17.44	17.52	18.50
20	256QAM	1	99	16.94	17.36	17.45	17.32	17.48	18.50
20	256QAM	50	0	16.86	17.36	17.63	17.48	17.35	18.50
20	256QAM	50	24	16.78	17.49	17.51	17.33	17.39	18.50
20	256QAM	50	50	16.87	17.35	17.59	17.31	17.52	18.50
20	256QAM	100	0	16.85	17.33	17.54	17.49	17.34	18.50
Channel				55315	55820	55990	56160	56665	18.50
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.81	17.37	17.49	17.30	17.39	18.50
15	QPSK	1	37	16.80	17.35	17.43	17.36	17.33	18.50
15	QPSK	1	74	16.63	17.27	17.51	17.30	17.34	18.50
15	QPSK	36	0	16.87	17.37	17.46	17.33	17.33	18.50
15	QPSK	36	20	16.75	17.40	17.43	17.31	17.36	18.50
15	QPSK	36	39	16.75	17.41	17.39	17.35	17.25	18.50
15	QPSK	75	0	16.79	17.26	17.46	17.34	17.32	18.50
15	16QAM	1	0	16.74	17.28	17.51	17.30	17.27	18.50



FCC SAR Test Report

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15	16QAM	1	37	16.72	17.26	17.42	17.34	17.45	18.50
15	16QAM	1	74	16.88	17.35	17.41	17.17	17.42	18.50
15	16QAM	36	0	16.79	17.32	17.50	17.33	17.31	18.50
15	16QAM	36	20	16.82	17.28	17.40	17.20	17.42	18.50
15	16QAM	36	39	16.74	17.39	17.41	17.26	17.36	18.50
15	16QAM	75	0	16.71	17.33	17.41	17.36	17.46	18.50
15	64QAM	1	0	16.86	17.20	17.53	17.29	17.30	18.50
15	64QAM	1	37	16.72	17.41	17.46	17.34	17.29	18.50
15	64QAM	1	74	16.84	17.27	17.49	17.28	17.31	18.50
15	64QAM	36	0	16.78	17.28	17.52	17.36	17.27	18.50
15	64QAM	36	20	16.65	17.30	17.42	17.30	17.41	18.50
15	64QAM	36	39	16.91	17.25	17.48	17.20	17.23	18.50
15	64QAM	75	0	16.67	17.30	17.40	17.35	17.30	18.50
15	256QAM	1	0	16.68	17.28	17.59	17.35	17.37	18.50
15	256QAM	1	37	16.91	17.20	17.61	17.30	17.45	18.50
15	256QAM	1	74	16.88	17.30	17.32	17.23	17.35	18.50
15	256QAM	36	0	16.75	17.32	17.51	17.36	17.33	18.50
15	256QAM	36	20	16.71	17.34	17.49	17.20	17.32	18.50
15	256QAM	36	39	16.75	17.20	17.55	17.19	17.44	18.50
15	256QAM	75	0	16.82	17.27	17.42	17.36	17.22	18.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.84	17.31	17.54	17.24	17.35	18.50
10	QPSK	1	25	16.76	17.33	17.57	17.27	17.30	18.50
10	QPSK	1	49	16.71	17.28	17.43	17.26	17.36	18.50
10	QPSK	25	0	16.89	17.31	17.56	17.29	17.35	18.50
10	QPSK	25	12	16.82	17.35	17.43	17.24	17.37	18.50
10	QPSK	25	25	16.75	17.38	17.42	17.29	17.35	18.50
10	QPSK	50	0	16.79	17.21	17.47	17.36	17.41	18.50
10	16QAM	1	0	16.68	17.36	17.52	17.33	17.30	18.50
10	16QAM	1	25	16.78	17.34	17.48	17.30	17.37	18.50
10	16QAM	1	49	16.91	17.37	17.50	17.23	17.40	18.50
10	16QAM	25	0	16.75	17.25	17.47	17.34	17.29	18.50
10	16QAM	25	12	16.86	17.27	17.49	17.27	17.45	18.50
10	16QAM	25	25	16.72	17.31	17.43	17.26	17.37	18.50
10	16QAM	50	0	16.77	17.37	17.50	17.36	17.45	18.50
10	64QAM	1	0	16.77	17.19	17.60	17.34	17.31	18.50
10	64QAM	1	25	16.74	17.36	17.46	17.36	17.27	18.50
10	64QAM	1	49	16.82	17.24	17.50	17.35	17.28	18.50
10	64QAM	25	0	16.79	17.36	17.56	17.36	17.29	18.50
10	64QAM	25	12	16.68	17.31	17.43	17.27	17.45	18.50
10	64QAM	25	25	16.89	17.19	17.47	17.33	17.22	18.50
10	64QAM	50	0	16.73	17.35	17.38	17.34	17.30	18.50
10	256QAM	1	0	16.79	17.32	17.51	17.36	17.29	18.50
10	256QAM	1	25	16.80	17.22	17.55	17.34	17.40	18.50
10	256QAM	1	49	16.87	17.30	17.38	17.28	17.42	18.50
10	256QAM	25	0	16.71	17.26	17.56	17.35	17.22	18.50
10	256QAM	25	12	16.67	17.40	17.43	17.20	17.26	18.50
10	256QAM	25	25	16.85	17.29	17.53	17.29	17.45	18.50
10	256QAM	50	0	16.77	17.27	17.43	17.35	17.19	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.94	17.29	17.53	17.22	17.37	18.50
5	QPSK	1	12	16.73	17.30	17.53	17.36	17.31	18.50
5	QPSK	1	24	16.68	17.18	17.51	17.29	17.40	18.50
5	QPSK	12	0	16.89	17.41	17.50	17.31	17.43	18.50
5	QPSK	12	7	16.75	17.41	17.39	17.31	17.31	18.50
5	QPSK	12	13	16.71	17.40	17.43	17.33	17.28	18.50
5	QPSK	25	0	16.72	17.26	17.41	17.35	17.29	18.50
5	16QAM	1	0	16.70	17.30	17.50	17.24	17.36	18.50
5	16QAM	1	12	16.77	17.23	17.48	17.29	17.45	18.50
5	16QAM	1	24	16.84	17.38	17.50	17.24	17.36	18.50
5	16QAM	12	0	16.74	17.24	17.55	17.27	17.35	18.50
5	16QAM	12	7	16.89	17.36	17.52	17.31	17.45	18.50
5	16QAM	12	13	16.73	17.39	17.39	17.28	17.30	18.50
5	16QAM	25	0	16.78	17.29	17.49	17.35	17.41	18.50
5	64QAM	1	0	16.87	17.19	17.48	17.26	17.25	18.50
5	64QAM	1	12	16.80	17.36	17.54	17.36	17.25	18.50
5	64QAM	1	24	16.89	17.22	17.60	17.27	17.24	18.50
5	64QAM	12	0	16.85	17.31	17.52	17.36	17.28	18.50
5	64QAM	12	7	16.76	17.37	17.49	17.26	17.44	18.50
5	64QAM	12	13	16.94	17.18	17.49	17.22	17.32	18.50
5	64QAM	25	0	16.72	17.32	17.45	17.23	17.40	18.50
5	256QAM	1	0	16.78	17.32	17.56	17.35	17.38	18.50
5	256QAM	1	12	16.80	17.32	17.60	17.36	17.38	18.50
5	256QAM	1	24	16.93	17.25	17.30	17.25	17.36	18.50



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5	256QAM	12	0	16.73	17.27	17.52	17.35	17.32	18.50
5	256QAM	12	7	16.66	17.37	17.49	17.22	17.33	18.50
5	256QAM	12	13	16.78	17.30	17.53	17.24	17.46	18.50
5	256QAM	25	0	16.80	17.27	17.40	17.36	17.28	18.50

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

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	16.95	17.41	17.63	17.46	17.46	18.50
20	QPSK	1	49	16.84	17.41	17.58	17.42	17.44	18.50
20	QPSK	1	99	16.78	17.31	17.53	17.34	17.41	18.50
20	QPSK	50	0	16.96	17.56	17.58	17.48	17.47	18.50
20	QPSK	50	24	16.89	17.46	17.53	17.33	17.45	18.50
20	QPSK	50	50	16.81	17.48	17.51	17.42	17.40	18.50
20	QPSK	100	0	16.82	17.31	17.52	17.41	17.44	18.50
20	16QAM	1	0	16.83	17.39	17.54	17.34	17.39	18.50
20	16QAM	1	49	16.85	17.37	17.57	17.38	17.51	18.50
20	16QAM	1	99	16.93	17.44	17.55	17.31	17.49	18.50
20	16QAM	50	0	16.82	17.35	17.62	17.39	17.44	18.50
20	16QAM	50	24	16.92	17.39	17.54	17.33	17.51	18.50
20	16QAM	50	50	16.77	17.44	17.47	17.38	17.39	18.50
20	16QAM	100	0	16.83	17.43	17.51	17.46	17.52	18.50
20	64QAM	1	0	16.91	17.31	17.62	17.40	17.38	18.50
20	64QAM	1	49	16.82	17.43	17.60	17.42	17.36	18.50
20	64QAM	1	99	16.96	17.35	17.62	17.38	17.33	18.50
20	64QAM	50	0	16.91	17.39	17.59	17.49	17.41	18.50
20	64QAM	50	24	16.78	17.39	17.50	17.37	17.47	18.50
20	64QAM	50	50	16.96	17.30	17.55	17.35	17.37	18.50
20	64QAM	100	0	16.80	17.43	17.49	17.36	17.45	18.50
20	256QAM	1	0	16.82	17.42	17.63	17.46	17.40	18.50
20	256QAM	1	49	16.93	17.34	17.63	17.44	17.52	18.50
20	256QAM	1	99	16.94	17.36	17.45	17.32	17.48	18.50
20	256QAM	50	0	16.86	17.36	17.63	17.48	17.35	18.50
20	256QAM	50	24	16.78	17.49	17.51	17.33	17.39	18.50
20	256QAM	50	50	16.87	17.35	17.59	17.31	17.52	18.50
20	256QAM	100	0	16.85	17.33	17.54	17.49	17.34	18.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.81	17.37	17.49	17.30	17.39	18.50
15	QPSK	1	37	16.80	17.35	17.43	17.36	17.33	18.50
15	QPSK	1	74	16.63	17.27	17.51	17.30	17.34	18.50
15	QPSK	36	0	16.87	17.37	17.46	17.33	17.33	18.50
15	QPSK	36	20	16.75	17.40	17.43	17.31	17.36	18.50
15	QPSK	36	39	16.75	17.41	17.39	17.35	17.25	18.50
15	QPSK	75	0	16.79	17.26	17.46	17.34	17.32	18.50
15	16QAM	1	0	16.74	17.28	17.51	17.30	17.27	18.50
15	16QAM	1	37	16.72	17.26	17.42	17.34	17.45	18.50
15	16QAM	1	74	16.88	17.35	17.41	17.17	17.42	18.50
15	16QAM	36	0	16.79	17.32	17.50	17.33	17.31	18.50
15	16QAM	36	20	16.82	17.28	17.40	17.20	17.42	18.50
15	16QAM	36	39	16.74	17.39	17.41	17.26	17.36	18.50
15	16QAM	75	0	16.71	17.33	17.41	17.36	17.46	18.50
15	64QAM	1	0	16.86	17.20	17.53	17.29	17.30	18.50
15	64QAM	1	37	16.72	17.41	17.46	17.34	17.29	18.50
15	64QAM	1	74	16.84	17.27	17.49	17.28	17.31	18.50
15	64QAM	36	0	16.78	17.28	17.52	17.36	17.27	18.50
15	64QAM	36	20	16.65	17.30	17.42	17.30	17.41	18.50
15	64QAM	36	39	16.91	17.25	17.48	17.20	17.23	18.50
15	64QAM	75	0	16.67	17.30	17.40	17.35	17.30	18.50
15	256QAM	1	0	16.68	17.28	17.59	17.35	17.37	18.50
15	256QAM	1	37	16.91	17.20	17.61	17.30	17.45	18.50
15	256QAM	1	74	16.88	17.30	17.32	17.23	17.35	18.50
15	256QAM	36	0	16.75	17.32	17.51	17.36	17.33	18.50
15	256QAM	36	20	16.71	17.34	17.49	17.20	17.32	18.50
15	256QAM	36	39	16.75	17.20	17.55	17.19	17.44	18.50
15	256QAM	75	0	16.82	17.27	17.42	17.36	17.22	18.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.84	17.31	17.54	17.24	17.35	18.50



10	QPSK	1	25	16.76	17.33	17.57	17.27	17.30	18.50
10	QPSK	1	49	16.71	17.28	17.43	17.26	17.36	18.50
10	QPSK	25	0	16.89	17.31	17.56	17.29	17.35	18.50
10	QPSK	25	12	16.82	17.35	17.43	17.24	17.37	18.50
10	QPSK	25	25	16.75	17.38	17.42	17.29	17.35	18.50
10	QPSK	50	0	16.79	17.21	17.47	17.36	17.41	18.50
10	16QAM	1	0	16.68	17.36	17.52	17.33	17.30	18.50
10	16QAM	1	25	16.78	17.34	17.48	17.30	17.37	18.50
10	16QAM	1	49	16.91	17.37	17.50	17.23	17.40	18.50
10	16QAM	25	0	16.75	17.25	17.47	17.34	17.29	18.50
10	16QAM	25	12	16.86	17.27	17.49	17.27	17.45	18.50
10	16QAM	25	25	16.72	17.31	17.43	17.26	17.37	18.50
10	16QAM	50	0	16.77	17.37	17.50	17.36	17.45	18.50
10	64QAM	1	0	16.77	17.19	17.60	17.34	17.31	18.50
10	64QAM	1	25	16.74	17.36	17.46	17.36	17.27	18.50
10	64QAM	1	49	16.82	17.24	17.50	17.35	17.28	18.50
10	64QAM	25	0	16.79	17.36	17.56	17.36	17.29	18.50
10	64QAM	25	12	16.68	17.31	17.43	17.27	17.45	18.50
10	64QAM	25	25	16.89	17.19	17.47	17.33	17.22	18.50
10	64QAM	50	0	16.73	17.35	17.38	17.34	17.30	18.50
10	256QAM	1	0	16.79	17.32	17.51	17.36	17.29	18.50
10	256QAM	1	25	16.80	17.22	17.55	17.34	17.40	18.50
10	256QAM	1	49	16.87	17.30	17.38	17.28	17.42	18.50
10	256QAM	25	0	16.71	17.26	17.56	17.35	17.22	18.50
10	256QAM	25	12	16.67	17.40	17.43	17.20	17.26	18.50
10	256QAM	25	25	16.85	17.29	17.53	17.29	17.45	18.50
10	256QAM	50	0	16.77	17.27	17.43	17.35	17.19	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.94	17.29	17.53	17.22	17.37	18.50
5	QPSK	1	12	16.73	17.30	17.53	17.36	17.31	18.50
5	QPSK	1	24	16.68	17.18	17.51	17.29	17.40	18.50
5	QPSK	12	0	16.89	17.41	17.50	17.31	17.43	18.50
5	QPSK	12	7	16.75	17.41	17.39	17.31	17.31	18.50
5	QPSK	12	13	16.71	17.40	17.43	17.33	17.28	18.50
5	QPSK	25	0	16.72	17.26	17.41	17.35	17.29	18.50
5	16QAM	1	0	16.70	17.30	17.50	17.24	17.36	18.50
5	16QAM	1	12	16.77	17.23	17.48	17.29	17.45	18.50
5	16QAM	1	24	16.84	17.38	17.50	17.24	17.36	18.50
5	16QAM	12	0	16.74	17.24	17.55	17.27	17.35	18.50
5	16QAM	12	7	16.89	17.36	17.52	17.31	17.45	18.50
5	16QAM	12	13	16.73	17.39	17.39	17.28	17.30	18.50
5	16QAM	25	0	16.78	17.29	17.49	17.35	17.41	18.50
5	64QAM	1	0	16.87	17.19	17.48	17.26	17.25	18.50
5	64QAM	1	12	16.80	17.36	17.54	17.36	17.25	18.50
5	64QAM	1	24	16.89	17.22	17.60	17.27	17.24	18.50
5	64QAM	12	0	16.85	17.31	17.52	17.36	17.28	18.50
5	64QAM	12	7	16.76	17.37	17.49	17.26	17.44	18.50
5	64QAM	12	13	16.94	17.18	17.49	17.22	17.32	18.50
5	64QAM	25	0	16.72	17.32	17.45	17.23	17.40	18.50
5	256QAM	1	0	16.78	17.32	17.56	17.35	17.38	18.50
5	256QAM	1	12	16.80	17.32	17.60	17.36	17.38	18.50
5	256QAM	1	24	16.93	17.25	17.30	17.25	17.36	18.50
5	256QAM	12	0	16.73	17.27	17.52	17.35	17.32	18.50
5	256QAM	12	7	16.66	17.37	17.49	17.22	17.33	18.50
5	256QAM	12	13	16.78	17.30	17.53	17.24	17.46	18.50
5	256QAM	25	0	16.80	17.27	17.40	17.36	17.28	18.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	16.95	17.41	17.63	17.46	17.46	18.50
20	QPSK	1	49	16.84	17.41	17.58	17.42	17.44	18.50
20	QPSK	1	99	16.78	17.31	17.53	17.34	17.41	18.50
20	QPSK	50	0	16.96	17.56	17.58	17.48	17.47	18.50
20	QPSK	50	24	16.89	17.46	17.53	17.33	17.45	18.50
20	QPSK	50	50	16.81	17.48	17.51	17.42	17.40	18.50
20	QPSK	100	0	16.82	17.31	17.52	17.41	17.44	18.50
20	16QAM	1	0	16.83	17.39	17.54	17.34	17.39	18.50



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20	16QAM	1	49	16.85	17.37	17.57	17.38	17.51	18.50
20	16QAM	1	99	16.93	17.44	17.55	17.31	17.49	18.50
20	16QAM	50	0	16.82	17.35	17.62	17.39	17.44	18.50
20	16QAM	50	24	16.92	17.39	17.54	17.33	17.51	18.50
20	16QAM	50	50	16.77	17.44	17.47	17.38	17.39	18.50
20	16QAM	100	0	16.83	17.43	17.51	17.46	17.52	18.50
20	64QAM	1	0	16.91	17.31	17.62	17.40	17.38	18.50
20	64QAM	1	49	16.82	17.43	17.60	17.42	17.36	18.50
20	64QAM	1	99	16.96	17.35	17.62	17.38	17.33	18.50
20	64QAM	50	0	16.91	17.39	17.59	17.49	17.41	18.50
20	64QAM	50	24	16.78	17.39	17.50	17.37	17.47	18.50
20	64QAM	50	50	16.96	17.30	17.55	17.35	17.37	18.50
20	64QAM	100	0	16.80	17.43	17.49	17.36	17.45	18.50
20	256QAM	1	0	16.82	17.42	17.63	17.46	17.40	18.50
20	256QAM	1	49	16.93	17.34	17.63	17.44	17.52	18.50
20	256QAM	1	99	16.94	17.36	17.45	17.32	17.48	18.50
20	256QAM	50	0	16.86	17.36	17.63	17.48	17.35	18.50
20	256QAM	50	24	16.78	17.49	17.51	17.33	17.39	18.50
20	256QAM	50	50	16.87	17.35	17.59	17.31	17.52	18.50
20	256QAM	100	0	16.85	17.33	17.54	17.49	17.34	18.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.81	17.37	17.49	17.30	17.39	18.50
15	QPSK	1	37	16.80	17.35	17.43	17.36	17.33	18.50
15	QPSK	1	74	16.63	17.27	17.51	17.30	17.34	18.50
15	QPSK	36	0	16.87	17.37	17.46	17.33	17.33	18.50
15	QPSK	36	20	16.75	17.40	17.43	17.31	17.36	18.50
15	QPSK	36	39	16.75	17.41	17.39	17.35	17.25	18.50
15	QPSK	75	0	16.79	17.26	17.46	17.34	17.32	18.50
15	16QAM	1	0	16.74	17.28	17.51	17.30	17.27	18.50
15	16QAM	1	37	16.72	17.26	17.42	17.34	17.45	18.50
15	16QAM	1	74	16.88	17.35	17.41	17.17	17.42	18.50
15	16QAM	36	0	16.79	17.32	17.50	17.33	17.31	18.50
15	16QAM	36	20	16.82	17.28	17.40	17.20	17.42	18.50
15	16QAM	36	39	16.74	17.39	17.41	17.26	17.36	18.50
15	16QAM	75	0	16.71	17.33	17.41	17.36	17.46	18.50
15	64QAM	1	0	16.86	17.20	17.53	17.29	17.30	18.50
15	64QAM	1	37	16.72	17.41	17.46	17.34	17.29	18.50
15	64QAM	1	74	16.84	17.27	17.49	17.28	17.31	18.50
15	64QAM	36	0	16.78	17.28	17.52	17.36	17.27	18.50
15	64QAM	36	20	16.65	17.30	17.42	17.30	17.41	18.50
15	64QAM	36	39	16.91	17.25	17.48	17.20	17.23	18.50
15	64QAM	75	0	16.67	17.30	17.40	17.35	17.30	18.50
15	256QAM	1	0	16.68	17.28	17.59	17.35	17.37	18.50
15	256QAM	1	37	16.91	17.20	17.61	17.30	17.45	18.50
15	256QAM	1	74	16.88	17.30	17.32	17.23	17.35	18.50
15	256QAM	36	0	16.75	17.32	17.51	17.36	17.33	18.50
15	256QAM	36	20	16.71	17.34	17.49	17.20	17.32	18.50
15	256QAM	36	39	16.75	17.20	17.55	17.19	17.44	18.50
15	256QAM	75	0	16.82	17.27	17.42	17.36	17.22	18.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.84	17.31	17.54	17.24	17.35	18.50
10	QPSK	1	25	16.76	17.33	17.57	17.27	17.30	18.50
10	QPSK	1	49	16.71	17.28	17.43	17.26	17.36	18.50
10	QPSK	25	0	16.89	17.31	17.56	17.29	17.35	18.50
10	QPSK	25	12	16.82	17.35	17.43	17.24	17.37	18.50
10	QPSK	25	25	16.75	17.38	17.42	17.29	17.35	18.50
10	QPSK	50	0	16.79	17.21	17.47	17.36	17.41	18.50
10	16QAM	1	0	16.68	17.36	17.52	17.33	17.30	18.50
10	16QAM	1	25	16.78	17.34	17.48	17.30	17.37	18.50
10	16QAM	1	49	16.91	17.37	17.50	17.23	17.40	18.50
10	16QAM	25	0	16.75	17.25	17.47	17.34	17.29	18.50
10	16QAM	25	12	16.86	17.27	17.49	17.27	17.45	18.50
10	16QAM	25	25	16.72	17.31	17.43	17.26	17.37	18.50
10	16QAM	50	0	16.77	17.37	17.50	17.36	17.45	18.50
10	64QAM	1	0	16.77	17.19	17.60	17.34	17.31	18.50
10	64QAM	1	25	16.74	17.36	17.46	17.36	17.27	18.50
10	64QAM	1	49	16.82	17.24	17.50	17.35	17.28	18.50
10	64QAM	25	0	16.79	17.36	17.56	17.36	17.29	18.50
10	64QAM	25	12	16.68	17.31	17.43	17.27	17.45	18.50
10	64QAM	25	25	16.89	17.19	17.47	17.33	17.22	18.50
10	64QAM	50	0	16.73	17.35	17.38	17.34	17.30	18.50
10	256QAM	1	0	16.79	17.32	17.51	17.36	17.29	18.50
10	256QAM	1	25	16.80	17.22	17.55	17.34	17.40	18.50
10	256QAM	1	49	16.87	17.30	17.38	17.28	17.42	18.50



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10	256QAM	25	0	16.71	17.26	17.56	17.35	17.22	18.50
10	256QAM	25	12	16.67	17.40	17.43	17.20	17.26	18.50
10	256QAM	25	25	16.85	17.29	17.53	17.29	17.45	18.50
10	256QAM	50	0	16.77	17.27	17.43	17.35	17.19	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.94	17.29	17.53	17.22	17.37	18.50
5	QPSK	1	12	16.73	17.30	17.53	17.36	17.31	18.50
5	QPSK	1	24	16.68	17.18	17.51	17.29	17.40	18.50
5	QPSK	12	0	16.89	17.41	17.50	17.31	17.43	18.50
5	QPSK	12	7	16.75	17.41	17.39	17.31	17.31	18.50
5	QPSK	12	13	16.71	17.40	17.43	17.33	17.28	18.50
5	QPSK	25	0	16.72	17.26	17.41	17.35	17.29	18.50
5	16QAM	1	0	16.70	17.30	17.50	17.24	17.36	18.50
5	16QAM	1	12	16.77	17.23	17.48	17.29	17.45	18.50
5	16QAM	1	24	16.84	17.38	17.50	17.24	17.36	18.50
5	16QAM	12	0	16.74	17.24	17.55	17.27	17.35	18.50
5	16QAM	12	7	16.89	17.36	17.52	17.31	17.45	18.50
5	16QAM	12	13	16.73	17.39	17.39	17.28	17.30	18.50
5	16QAM	25	0	16.78	17.29	17.49	17.35	17.41	18.50
5	64QAM	1	0	16.87	17.19	17.48	17.26	17.25	18.50
5	64QAM	1	12	16.80	17.36	17.54	17.36	17.25	18.50
5	64QAM	1	24	16.89	17.22	17.60	17.27	17.24	18.50
5	64QAM	12	0	16.85	17.31	17.52	17.36	17.28	18.50
5	64QAM	12	7	16.76	17.37	17.49	17.26	17.44	18.50
5	64QAM	12	13	16.94	17.18	17.49	17.22	17.32	18.50
5	64QAM	25	0	16.72	17.32	17.45	17.23	17.40	18.50
5	256QAM	1	0	16.78	17.32	17.56	17.35	17.38	18.50
5	256QAM	1	12	16.80	17.32	17.60	17.36	17.38	18.50
5	256QAM	1	24	16.93	17.25	17.30	17.25	17.36	18.50
5	256QAM	12	0	16.73	17.27	17.52	17.35	17.32	18.50
5	256QAM	12	7	16.66	17.37	17.49	17.22	17.33	18.50
5	256QAM	12	13	16.78	17.30	17.53	17.24	17.46	18.50
5	256QAM	25	0	16.80	17.27	17.40	17.36	17.28	18.50

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

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	16.95	17.41	17.63	17.46	17.46	18.50
20	QPSK	1	49	16.84	17.41	17.58	17.42	17.44	18.50
20	QPSK	1	99	16.78	17.31	17.53	17.34	17.41	18.50
20	QPSK	50	0	16.96	17.56	17.58	17.48	17.47	18.50
20	QPSK	50	24	16.89	17.46	17.53	17.33	17.45	18.50
20	QPSK	50	50	16.81	17.48	17.51	17.42	17.40	18.50
20	QPSK	100	0	16.82	17.31	17.52	17.41	17.44	18.50
20	16QAM	1	0	16.83	17.39	17.54	17.34	17.39	18.50
20	16QAM	1	49	16.85	17.37	17.57	17.38	17.51	18.50
20	16QAM	1	99	16.93	17.44	17.55	17.31	17.49	18.50
20	16QAM	50	0	16.82	17.35	17.62	17.39	17.44	18.50
20	16QAM	50	24	16.92	17.39	17.54	17.33	17.51	18.50
20	16QAM	50	50	16.77	17.44	17.47	17.38	17.39	18.50
20	16QAM	100	0	16.83	17.43	17.51	17.46	17.52	18.50
20	64QAM	1	0	16.91	17.31	17.62	17.40	17.38	18.50
20	64QAM	1	49	16.82	17.43	17.60	17.42	17.36	18.50
20	64QAM	1	99	16.96	17.35	17.62	17.38	17.33	18.50
20	64QAM	50	0	16.91	17.39	17.59	17.49	17.41	18.50
20	64QAM	50	24	16.78	17.39	17.50	17.37	17.47	18.50
20	64QAM	50	50	16.96	17.30	17.55	17.35	17.37	18.50
20	64QAM	100	0	16.80	17.43	17.49	17.36	17.45	18.50
20	256QAM	1	0	16.82	17.42	17.63	17.46	17.40	18.50
20	256QAM	1	49	16.93	17.34	17.63	17.44	17.52	18.50
20	256QAM	1	99	16.94	17.36	17.45	17.32	17.48	18.50
20	256QAM	50	0	16.86	17.36	17.63	17.48	17.35	18.50
20	256QAM	50	24	16.78	17.49	17.51	17.33	17.39	18.50
20	256QAM	50	50	16.87	17.35	17.59	17.31	17.52	18.50
20	256QAM	100	0	16.85	17.33	17.54	17.49	17.34	18.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	16.81	17.37	17.49	17.30	17.39	18.50



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15	QPSK	1	37	16.80	17.35	17.43	17.36	17.33	18.50
15	QPSK	1	74	16.63	17.27	17.51	17.30	17.34	18.50
15	QPSK	36	0	16.87	17.37	17.46	17.33	17.33	18.50
15	QPSK	36	20	16.75	17.40	17.43	17.31	17.36	18.50
15	QPSK	36	39	16.75	17.41	17.39	17.35	17.25	18.50
15	QPSK	75	0	16.79	17.26	17.46	17.34	17.32	18.50
15	16QAM	1	0	16.74	17.28	17.51	17.30	17.27	18.50
15	16QAM	1	37	16.72	17.26	17.42	17.34	17.45	18.50
15	16QAM	1	74	16.88	17.35	17.41	17.17	17.42	18.50
15	16QAM	36	0	16.79	17.32	17.50	17.33	17.31	18.50
15	16QAM	36	20	16.82	17.28	17.40	17.20	17.42	18.50
15	16QAM	36	39	16.74	17.39	17.41	17.26	17.36	18.50
15	16QAM	75	0	16.71	17.33	17.41	17.36	17.46	18.50
15	64QAM	1	0	16.86	17.20	17.53	17.29	17.30	18.50
15	64QAM	1	37	16.72	17.41	17.46	17.34	17.29	18.50
15	64QAM	1	74	16.84	17.27	17.49	17.28	17.31	18.50
15	64QAM	36	0	16.78	17.28	17.52	17.36	17.27	18.50
15	64QAM	36	20	16.65	17.30	17.42	17.30	17.41	18.50
15	64QAM	36	39	16.91	17.25	17.48	17.20	17.23	18.50
15	64QAM	75	0	16.67	17.30	17.40	17.35	17.30	18.50
15	256QAM	1	0	16.68	17.28	17.59	17.35	17.37	18.50
15	256QAM	1	37	16.91	17.20	17.61	17.30	17.45	18.50
15	256QAM	1	74	16.88	17.30	17.32	17.23	17.35	18.50
15	256QAM	36	0	16.75	17.32	17.51	17.36	17.33	18.50
15	256QAM	36	20	16.71	17.34	17.49	17.20	17.32	18.50
15	256QAM	36	39	16.75	17.20	17.55	17.19	17.44	18.50
15	256QAM	75	0	16.82	17.27	17.42	17.36	17.22	18.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	16.84	17.31	17.54	17.24	17.35	18.50
10	QPSK	1	25	16.76	17.33	17.57	17.27	17.30	18.50
10	QPSK	1	49	16.71	17.28	17.43	17.26	17.36	18.50
10	QPSK	25	0	16.89	17.31	17.56	17.29	17.35	18.50
10	QPSK	25	12	16.82	17.35	17.43	17.24	17.37	18.50
10	QPSK	25	25	16.75	17.38	17.42	17.29	17.35	18.50
10	QPSK	50	0	16.79	17.21	17.47	17.36	17.41	18.50
10	16QAM	1	0	16.68	17.36	17.52	17.33	17.30	18.50
10	16QAM	1	25	16.78	17.34	17.48	17.30	17.37	18.50
10	16QAM	1	49	16.91	17.37	17.50	17.23	17.40	18.50
10	16QAM	25	0	16.75	17.25	17.47	17.34	17.29	18.50
10	16QAM	25	12	16.86	17.27	17.49	17.27	17.45	18.50
10	16QAM	25	25	16.72	17.31	17.43	17.26	17.37	18.50
10	16QAM	50	0	16.77	17.37	17.50	17.36	17.45	18.50
10	64QAM	1	0	16.77	17.19	17.60	17.34	17.31	18.50
10	64QAM	1	25	16.74	17.36	17.46	17.36	17.27	18.50
10	64QAM	1	49	16.82	17.24	17.50	17.35	17.28	18.50
10	64QAM	25	0	16.79	17.36	17.56	17.36	17.29	18.50
10	64QAM	25	12	16.68	17.31	17.43	17.27	17.45	18.50
10	64QAM	25	25	16.89	17.19	17.47	17.33	17.22	18.50
10	64QAM	50	0	16.73	17.35	17.38	17.34	17.30	18.50
10	256QAM	1	0	16.79	17.32	17.51	17.36	17.29	18.50
10	256QAM	1	25	16.80	17.22	17.55	17.34	17.40	18.50
10	256QAM	1	49	16.87	17.30	17.38	17.28	17.42	18.50
10	256QAM	25	0	16.71	17.26	17.56	17.35	17.22	18.50
10	256QAM	25	12	16.67	17.40	17.43	17.20	17.26	18.50
10	256QAM	25	25	16.85	17.29	17.53	17.29	17.45	18.50
10	256QAM	50	0	16.77	17.27	17.43	17.35	17.19	18.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	16.94	17.29	17.53	17.22	17.37	18.50
5	QPSK	1	12	16.73	17.30	17.53	17.36	17.31	18.50
5	QPSK	1	24	16.68	17.18	17.51	17.29	17.40	18.50
5	QPSK	12	0	16.89	17.41	17.50	17.31	17.43	18.50
5	QPSK	12	7	16.75	17.41	17.39	17.31	17.31	18.50
5	QPSK	12	13	16.71	17.40	17.43	17.33	17.28	18.50
5	QPSK	25	0	16.72	17.26	17.41	17.35	17.29	18.50
5	16QAM	1	0	16.70	17.30	17.50	17.24	17.36	18.50
5	16QAM	1	12	16.77	17.23	17.48	17.29	17.45	18.50
5	16QAM	1	24	16.84	17.38	17.50	17.24	17.36	18.50
5	16QAM	12	0	16.74	17.24	17.55	17.27	17.35	18.50
5	16QAM	12	7	16.89	17.36	17.52	17.31	17.45	18.50
5	16QAM	12	13	16.73	17.39	17.39	17.28	17.30	18.50
5	16QAM	25	0	16.78	17.29	17.49	17.35	17.41	18.50
5	64QAM	1	0	16.87	17.19	17.48	17.26	17.25	18.50
5	64QAM	1	12	16.80	17.36	17.54	17.36	17.25	18.50
5	64QAM	1	24	16.89	17.22	17.60	17.27	17.24	18.50



5	64QAM	12	0	16.85	17.31	17.52	17.36	17.28	18.50
5	64QAM	12	7	16.76	17.37	17.49	17.26	17.44	18.50
5	64QAM	12	13	16.94	17.18	17.49	17.22	17.32	18.50
5	64QAM	25	0	16.72	17.32	17.45	17.23	17.40	18.50
5	256QAM	1	0	16.78	17.32	17.56	17.35	17.38	18.50
5	256QAM	1	12	16.80	17.32	17.60	17.36	17.38	18.50
5	256QAM	1	24	16.93	17.25	17.30	17.25	17.36	18.50
5	256QAM	12	0	16.73	17.27	17.52	17.35	17.32	18.50
5	256QAM	12	7	16.66	17.37	17.49	17.22	17.33	18.50
5	256QAM	12	13	16.78	17.30	17.53	17.24	17.46	18.50
5	256QAM	25	0	16.80	17.27	17.40	17.36	17.28	18.50

【LTE Band 66_Ant 0_Sensor off】

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	23.16	23.20	23.03	24.00
20	QPSK	1	49	22.84	22.95	22.74	24.00
20	QPSK	1	99	22.90	22.99	22.68	24.00
20	QPSK	50	0	21.90	22.05	21.86	23.00
20	QPSK	50	24	21.96	22.02	21.85	23.00
20	QPSK	50	50	21.97	22.02	21.80	23.00
20	QPSK	100	0	21.83	21.96	21.75	23.00
20	16QAM	1	0	21.92	22.04	21.77	23.00
20	16QAM	1	49	22.05	22.18	21.88	23.00
20	16QAM	1	99	22.09	22.23	22.00	23.00
20	16QAM	50	0	20.85	21.00	20.81	22.00
20	16QAM	50	24	20.96	21.03	20.80	22.00
20	16QAM	50	50	20.94	21.02	20.83	22.00
20	16QAM	100	0	20.98	21.03	20.74	22.00
20	64QAM	1	0	21.03	21.18	20.94	22.00
20	64QAM	1	49	20.82	20.99	20.71	22.00
20	64QAM	1	99	21.12	21.21	20.97	22.00
20	64QAM	50	0	19.77	19.94	19.68	21.00
20	64QAM	50	24	19.87	19.98	19.78	21.00
20	64QAM	50	50	19.96	20.05	19.86	21.00
20	64QAM	100	0	19.79	19.97	19.76	21.00
20	256QAM	1	0	17.97	18.06	17.83	19.00
20	256QAM	1	49	17.99	18.09	17.94	19.00
20	256QAM	1	99	17.99	18.15	17.98	19.00
20	256QAM	50	0	17.92	18.02	17.87	19.00
20	256QAM	50	24	17.86	18.04	17.85	19.00
20	256QAM	50	50	17.91	17.99	17.78	19.00
20	256QAM	100	0	17.91	18.05	17.89	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.03	23.13	22.94	24.00
15	QPSK	1	37	22.79	22.87	22.59	24.00
15	QPSK	1	74	22.78	22.89	22.61	24.00
15	QPSK	36	0	21.87	21.92	21.74	23.00
15	QPSK	36	20	21.95	21.90	21.76	23.00
15	QPSK	36	39	21.88	21.88	21.78	23.00
15	QPSK	75	0	21.80	21.85	21.63	23.00
15	16QAM	1	0	21.86	21.90	21.70	23.00
15	16QAM	1	37	21.95	22.09	21.76	23.00
15	16QAM	1	74	22.08	22.17	21.97	23.00
15	16QAM	36	0	20.76	20.91	20.70	22.00
15	16QAM	36	20	20.83	21.00	20.68	22.00
15	16QAM	36	39	20.85	20.92	20.76	22.00
15	16QAM	75	0	20.86	20.93	20.61	22.00
15	64QAM	1	0	20.92	21.15	20.87	22.00
15	64QAM	1	37	20.70	20.87	20.58	22.00
15	64QAM	1	74	21.11	21.17	20.85	22.00
15	64QAM	36	0	19.72	19.86	19.67	21.00
15	64QAM	36	20	19.83	19.91	19.71	21.00
15	64QAM	36	39	19.84	19.95	19.77	21.00
15	64QAM	75	0	19.74	19.89	19.62	21.00
15	256QAM	1	0	17.89	17.97	17.73	19.00
15	256QAM	1	37	17.94	17.97	17.86	19.00
15	256QAM	1	74	17.98	18.05	17.94	19.00
15	256QAM	36	0	17.89	17.95	17.84	19.00



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15	256QAM	36	20	17.72	17.98	17.82	19.00
15	256QAM	36	39	17.86	17.92	17.73	19.00
15	256QAM	75	0	17.77	17.93	17.80	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.13	23.10	22.89	24.00
10	QPSK	1	25	22.81	22.80	22.73	24.00
10	QPSK	1	49	22.84	22.84	22.66	24.00
10	QPSK	25	0	21.78	21.98	21.72	23.00
10	QPSK	25	12	21.85	21.89	21.74	23.00
10	QPSK	25	25	21.95	21.91	21.65	23.00
10	QPSK	50	0	21.76	21.83	21.67	23.00
10	16QAM	1	0	21.89	21.96	21.64	23.00
10	16QAM	1	25	21.93	22.09	21.80	23.00
10	16QAM	1	49	21.98	22.21	21.86	23.00
10	16QAM	25	0	20.77	20.90	20.71	22.00
10	16QAM	25	12	20.83	20.95	20.71	22.00
10	16QAM	25	25	20.84	20.99	20.74	22.00
10	16QAM	50	0	20.87	20.89	20.71	22.00
10	64QAM	1	0	20.92	21.12	20.85	22.00
10	64QAM	1	25	20.75	20.90	20.67	22.00
10	64QAM	1	49	21.04	21.12	20.95	22.00
10	64QAM	25	0	19.66	19.82	19.57	21.00
10	64QAM	25	12	19.81	19.95	19.71	21.00
10	64QAM	25	25	19.85	19.92	19.84	21.00
10	64QAM	50	0	19.75	19.84	19.72	21.00
10	256QAM	1	0	17.95	18.03	17.78	19.00
10	256QAM	1	25	17.90	17.98	17.80	19.00
10	256QAM	1	49	17.91	18.03	17.91	19.00
10	256QAM	25	0	17.86	18.00	17.78	19.00
10	256QAM	25	12	17.75	18.00	17.72	19.00
10	256QAM	25	25	17.84	17.93	17.68	19.00
10	256QAM	50	0	17.83	17.95	17.78	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.05	23.17	22.95	24.00
5	QPSK	1	12	22.76	22.84	22.63	24.00
5	QPSK	1	24	22.82	22.85	22.55	24.00
5	QPSK	12	0	21.82	21.91	21.80	23.00
5	QPSK	12	7	21.86	21.89	21.81	23.00
5	QPSK	12	13	21.90	21.87	21.67	23.00
5	QPSK	25	0	21.81	21.91	21.72	23.00
5	16QAM	1	0	21.87	21.92	21.63	23.00
5	16QAM	1	12	21.92	22.09	21.84	23.00
5	16QAM	1	24	22.07	22.11	21.91	23.00
5	16QAM	12	0	20.78	20.86	20.66	22.00
5	16QAM	12	7	20.83	20.90	20.78	22.00
5	16QAM	12	13	20.91	20.88	20.75	22.00
5	16QAM	25	0	20.91	20.97	20.72	22.00
5	64QAM	1	0	21.01	21.10	20.91	22.00
5	64QAM	1	12	20.74	20.87	20.66	22.00
5	64QAM	1	24	21.07	21.16	20.88	22.00
5	64QAM	12	0	19.76	19.92	19.61	21.00
5	64QAM	12	7	19.83	19.96	19.72	21.00
5	64QAM	12	13	19.92	19.93	19.76	21.00
5	64QAM	25	0	19.76	19.96	19.73	21.00
5	256QAM	1	0	17.85	17.99	17.73	19.00
5	256QAM	1	12	17.89	18.06	17.84	19.00
5	256QAM	1	24	17.91	18.06	17.84	19.00
5	256QAM	12	0	17.82	17.88	17.83	19.00
5	256QAM	12	7	17.79	18.02	17.79	19.00
5	256QAM	12	13	17.80	17.95	17.65	19.00
5	256QAM	25	0	17.77	17.90	17.83	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.09	23.09	23.00	24.00
3	QPSK	1	8	22.74	22.84	22.63	24.00
3	QPSK	1	14	22.81	22.91	22.60	24.00
3	QPSK	8	0	21.83	21.92	21.71	23.00
3	QPSK	8	4	21.88	21.89	21.73	23.00
3	QPSK	8	7	21.96	21.95	21.73	23.00
3	QPSK	15	0	21.73	21.83	21.64	23.00
3	16QAM	1	0	21.83	21.99	21.67	23.00
3	16QAM	1	8	22.04	22.06	21.74	23.00
3	16QAM	1	14	21.99	22.20	21.91	23.00
3	16QAM	8	0	20.74	20.86	20.73	22.00
3	16QAM	8	4	20.93	20.91	20.69	22.00
3	16QAM	8	7	20.85	20.89	20.79	22.00



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3	16QAM	15	0	20.85	20.95	20.64	22.00
3	64QAM	1	0	20.94	21.06	20.90	22.00
3	64QAM	1	8	20.73	20.91	20.58	22.00
3	64QAM	1	14	20.97	21.09	20.94	22.00
3	64QAM	8	0	19.75	19.88	19.55	21.00
3	64QAM	8	4	19.73	19.87	19.68	21.00
3	64QAM	8	7	19.83	19.97	19.75	21.00
3	64QAM	15	0	19.75	19.87	19.71	21.00
3	256QAM	1	0	17.89	17.96	17.74	19.00
3	256QAM	1	8	17.89	17.94	17.84	19.00
3	256QAM	1	14	17.94	18.05	17.94	19.00
3	256QAM	8	0	17.86	17.89	17.77	19.00
3	256QAM	8	4	17.73	17.90	17.81	19.00
3	256QAM	8	7	17.84	17.92	17.74	19.00
3	256QAM	15	0	17.83	17.95	17.79	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.13	23.08	22.89	24.00
1.4	QPSK	1	3	22.80	22.85	22.67	24.00
1.4	QPSK	1	5	22.76	22.95	22.63	24.00
1.4	QPSK	3	0	22.83	22.99	22.73	24.00
1.4	QPSK	3	1	22.94	22.91	22.72	24.00
1.4	QPSK	3	3	22.87	22.96	22.76	24.00
1.4	QPSK	6	0	21.80	21.89	21.62	23.00
1.4	16QAM	1	0	21.83	21.93	21.65	23.00
1.4	16QAM	1	3	21.98	22.10	21.77	23.00
1.4	16QAM	1	5	22.04	22.18	21.97	23.00
1.4	16QAM	3	0	21.72	21.96	21.73	23.00
1.4	16QAM	3	1	21.87	21.95	21.75	23.00
1.4	16QAM	3	3	21.89	21.98	21.79	23.00
1.4	16QAM	6	0	20.87	20.98	20.73	22.00
1.4	64QAM	1	0	20.97	21.14	20.81	22.00
1.4	64QAM	1	3	20.72	20.93	20.66	22.00
1.4	64QAM	1	5	21.04	21.14	20.94	22.00
1.4	64QAM	3	0	20.71	20.89	20.57	22.00
1.4	64QAM	3	1	20.80	20.83	20.72	22.00
1.4	64QAM	3	3	20.89	20.97	20.80	22.00
1.4	64QAM	6	0	19.72	19.92	19.62	21.00
1.4	256QAM	1	0	17.83	18.05	17.80	19.00
1.4	256QAM	1	3	17.86	18.07	17.80	19.00
1.4	256QAM	1	5	17.89	18.06	17.90	19.00
1.4	256QAM	3	0	17.83	17.92	17.74	19.00
1.4	256QAM	3	1	17.85	18.01	17.82	19.00
1.4	256QAM	3	3	17.79	17.87	17.75	19.00
1.4	256QAM	6	0	17.84	17.91	17.76	19.00

【LTE Band 66_Ant 0_Full Power】

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	23.16	23.20	23.03	24.00
20	QPSK	1	49	22.84	22.95	22.74	24.00
20	QPSK	1	99	22.90	22.99	22.68	24.00
20	QPSK	50	0	21.90	22.05	21.86	23.00
20	QPSK	50	24	21.96	22.02	21.85	23.00
20	QPSK	50	50	21.97	22.02	21.80	23.00
20	QPSK	100	0	21.83	21.96	21.75	23.00
20	16QAM	1	0	21.92	22.04	21.77	23.00
20	16QAM	1	49	22.05	22.18	21.88	23.00
20	16QAM	1	99	22.09	22.23	22.00	23.00
20	16QAM	50	0	20.85	21.00	20.81	22.00
20	16QAM	50	24	20.96	21.03	20.80	22.00
20	16QAM	50	50	20.94	21.02	20.83	22.00
20	16QAM	100	0	20.98	21.03	20.74	22.00
20	64QAM	1	0	21.03	21.18	20.94	22.00
20	64QAM	1	49	20.82	20.99	20.71	22.00
20	64QAM	1	99	21.12	21.21	20.97	22.00
20	64QAM	50	0	19.77	19.94	19.68	21.00
20	64QAM	50	24	19.87	19.98	19.78	21.00
20	64QAM	50	50	19.96	20.05	19.86	21.00
20	64QAM	100	0	19.79	19.97	19.76	21.00
20	256QAM	1	0	17.97	18.06	17.83	19.00
20	256QAM	1	49	17.99	18.09	17.94	19.00
20	256QAM	1	99	17.99	18.15	17.98	19.00
20	256QAM	50	0	17.92	18.02	17.87	19.00



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20	256QAM	50	24	17.86	18.04	17.85	19.00
20	256QAM	50	50	17.91	17.99	17.78	19.00
20	256QAM	100	0	17.91	18.05	17.89	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.03	23.13	22.94	24.00
15	QPSK	1	37	22.79	22.87	22.59	24.00
15	QPSK	1	74	22.78	22.89	22.61	24.00
15	QPSK	36	0	21.87	21.92	21.74	23.00
15	QPSK	36	20	21.95	21.90	21.76	23.00
15	QPSK	36	39	21.88	21.88	21.78	23.00
15	QPSK	75	0	21.80	21.85	21.63	23.00
15	16QAM	1	0	21.86	21.90	21.70	23.00
15	16QAM	1	37	21.95	22.09	21.76	23.00
15	16QAM	1	74	22.08	22.17	21.97	23.00
15	16QAM	36	0	20.76	20.91	20.70	22.00
15	16QAM	36	20	20.83	21.00	20.68	22.00
15	16QAM	36	39	20.85	20.92	20.76	22.00
15	16QAM	75	0	20.86	20.93	20.61	22.00
15	64QAM	1	0	20.92	21.15	20.87	22.00
15	64QAM	1	37	20.70	20.87	20.58	22.00
15	64QAM	1	74	21.11	21.17	20.85	22.00
15	64QAM	36	0	19.72	19.86	19.67	21.00
15	64QAM	36	20	19.83	19.91	19.71	21.00
15	64QAM	36	39	19.84	19.95	19.77	21.00
15	64QAM	75	0	19.74	19.89	19.62	21.00
15	256QAM	1	0	17.89	17.97	17.73	19.00
15	256QAM	1	37	17.94	17.97	17.86	19.00
15	256QAM	1	74	17.98	18.05	17.94	19.00
15	256QAM	36	0	17.89	17.95	17.84	19.00
15	256QAM	36	20	17.72	17.98	17.82	19.00
15	256QAM	36	39	17.86	17.92	17.73	19.00
15	256QAM	75	0	17.77	17.93	17.80	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.13	23.10	22.89	24.00
10	QPSK	1	25	22.81	22.80	22.73	24.00
10	QPSK	1	49	22.84	22.84	22.66	24.00
10	QPSK	25	0	21.78	21.98	21.72	23.00
10	QPSK	25	12	21.85	21.89	21.74	23.00
10	QPSK	25	25	21.95	21.91	21.65	23.00
10	QPSK	50	0	21.76	21.83	21.67	23.00
10	16QAM	1	0	21.89	21.96	21.64	23.00
10	16QAM	1	25	21.93	22.09	21.80	23.00
10	16QAM	1	49	21.98	22.21	21.86	23.00
10	16QAM	25	0	20.77	20.90	20.71	22.00
10	16QAM	25	12	20.83	20.95	20.71	22.00
10	16QAM	25	25	20.84	20.99	20.74	22.00
10	16QAM	50	0	20.87	20.89	20.71	22.00
10	64QAM	1	0	20.92	21.12	20.85	22.00
10	64QAM	1	25	20.75	20.90	20.67	22.00
10	64QAM	1	49	21.04	21.12	20.95	22.00
10	64QAM	25	0	19.66	19.82	19.57	21.00
10	64QAM	25	12	19.81	19.95	19.71	21.00
10	64QAM	25	25	19.85	19.92	19.84	21.00
10	64QAM	50	0	19.75	19.84	19.72	21.00
10	256QAM	1	0	17.95	18.03	17.78	19.00
10	256QAM	1	25	17.90	17.98	17.80	19.00
10	256QAM	1	49	17.91	18.03	17.91	19.00
10	256QAM	25	0	17.86	18.00	17.78	19.00
10	256QAM	25	12	17.75	18.00	17.72	19.00
10	256QAM	25	25	17.84	17.93	17.68	19.00
10	256QAM	50	0	17.83	17.95	17.78	19.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.05	23.17	22.95	24.00
5	QPSK	1	12	22.76	22.84	22.63	24.00
5	QPSK	1	24	22.82	22.85	22.55	24.00
5	QPSK	12	0	21.82	21.91	21.80	23.00
5	QPSK	12	7	21.86	21.89	21.81	23.00
5	QPSK	12	13	21.90	21.87	21.67	23.00
5	QPSK	25	0	21.81	21.91	21.72	23.00
5	16QAM	1	0	21.87	21.92	21.63	23.00
5	16QAM	1	12	21.92	22.09	21.84	23.00
5	16QAM	1	24	22.07	22.11	21.91	23.00
5	16QAM	12	0	20.78	20.86	20.66	22.00
5	16QAM	12	7	20.83	20.90	20.78	22.00
5	16QAM	12	13	20.91	20.88	20.75	22.00



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5	16QAM	25	0	20.91	20.97	20.72	22.00
5	64QAM	1	0	21.01	21.10	20.91	22.00
5	64QAM	1	12	20.74	20.87	20.66	22.00
5	64QAM	1	24	21.07	21.16	20.88	22.00
5	64QAM	12	0	19.76	19.92	19.61	21.00
5	64QAM	12	7	19.83	19.96	19.72	21.00
5	64QAM	12	13	19.92	19.93	19.76	21.00
5	64QAM	25	0	19.76	19.96	19.73	21.00
5	256QAM	1	0	17.85	17.99	17.73	19.00
5	256QAM	1	12	17.89	18.06	17.84	19.00
5	256QAM	1	24	17.91	18.06	17.84	19.00
5	256QAM	12	0	17.82	17.88	17.83	19.00
5	256QAM	12	7	17.79	18.02	17.79	19.00
5	256QAM	12	13	17.80	17.95	17.65	19.00
5	256QAM	25	0	17.77	17.90	17.83	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.09	23.09	23.00	24.00
3	QPSK	1	8	22.74	22.84	22.63	24.00
3	QPSK	1	14	22.81	22.91	22.60	24.00
3	QPSK	8	0	21.83	21.92	21.71	23.00
3	QPSK	8	4	21.88	21.89	21.73	23.00
3	QPSK	8	7	21.96	21.95	21.73	23.00
3	QPSK	15	0	21.73	21.83	21.64	23.00
3	16QAM	1	0	21.83	21.99	21.67	23.00
3	16QAM	1	8	22.04	22.06	21.74	23.00
3	16QAM	1	14	21.99	22.20	21.91	23.00
3	16QAM	8	0	20.74	20.86	20.73	22.00
3	16QAM	8	4	20.93	20.91	20.69	22.00
3	16QAM	8	7	20.85	20.89	20.79	22.00
3	16QAM	15	0	20.85	20.95	20.64	22.00
3	64QAM	1	0	20.94	21.06	20.90	22.00
3	64QAM	1	8	20.73	20.91	20.58	22.00
3	64QAM	1	14	20.97	21.09	20.94	22.00
3	64QAM	8	0	19.75	19.88	19.55	21.00
3	64QAM	8	4	19.73	19.87	19.68	21.00
3	64QAM	8	7	19.83	19.97	19.75	21.00
3	64QAM	15	0	19.75	19.87	19.71	21.00
3	256QAM	1	0	17.89	17.96	17.74	19.00
3	256QAM	1	8	17.89	17.94	17.84	19.00
3	256QAM	1	14	17.94	18.05	17.94	19.00
3	256QAM	8	0	17.86	17.89	17.77	19.00
3	256QAM	8	4	17.73	17.90	17.81	19.00
3	256QAM	8	7	17.84	17.92	17.74	19.00
3	256QAM	15	0	17.83	17.95	17.79	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.13	23.08	22.89	24.00
1.4	QPSK	1	3	22.80	22.85	22.67	24.00
1.4	QPSK	1	5	22.76	22.95	22.63	24.00
1.4	QPSK	3	0	22.83	22.99	22.73	24.00
1.4	QPSK	3	1	22.94	22.91	22.72	24.00
1.4	QPSK	3	3	22.87	22.96	22.76	24.00
1.4	QPSK	6	0	21.80	21.89	21.62	23.00
1.4	16QAM	1	0	21.83	21.93	21.65	23.00
1.4	16QAM	1	3	21.98	22.10	21.77	23.00
1.4	16QAM	1	5	22.04	22.18	21.97	23.00
1.4	16QAM	3	0	21.72	21.96	21.73	23.00
1.4	16QAM	3	1	21.87	21.95	21.75	23.00
1.4	16QAM	3	3	21.89	21.98	21.79	23.00
1.4	16QAM	6	0	20.87	20.98	20.73	22.00
1.4	64QAM	1	0	20.97	21.14	20.81	22.00
1.4	64QAM	1	3	20.72	20.93	20.66	22.00
1.4	64QAM	1	5	21.04	21.14	20.94	22.00
1.4	64QAM	3	0	20.71	20.89	20.57	22.00
1.4	64QAM	3	1	20.80	20.83	20.72	22.00
1.4	64QAM	3	3	20.89	20.97	20.80	22.00
1.4	64QAM	6	0	19.72	19.92	19.62	21.00
1.4	256QAM	1	0	17.83	18.05	17.80	19.00
1.4	256QAM	1	3	17.86	18.07	17.80	19.00
1.4	256QAM	1	5	17.89	18.06	17.90	19.00
1.4	256QAM	3	0	17.83	17.92	17.74	19.00
1.4	256QAM	3	1	17.85	18.01	17.82	19.00
1.4	256QAM	3	3	17.79	17.87	17.75	19.00
1.4	256QAM	6	0	17.84	17.91	17.76	19.00



【LTE Band 66_Ant 0_Sensor on】

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	12.62	12.77	12.64	13.50
20	QPSK	1	49	12.56	12.66	12.53	13.50
20	QPSK	1	99	12.55	12.70	12.48	13.50
20	QPSK	50	0	12.68	12.71	12.61	13.50
20	QPSK	50	24	12.67	12.68	12.55	13.50
20	QPSK	50	50	12.62	12.66	12.46	13.50
20	QPSK	100	0	12.68	12.61	12.65	13.50
20	16QAM	1	0	12.74	12.59	12.58	13.50
20	16QAM	1	49	12.64	12.80	12.57	13.50
20	16QAM	1	99	12.77	12.69	12.47	13.50
20	16QAM	50	0	12.62	12.68	12.60	13.50
20	16QAM	50	24	12.57	12.63	12.59	13.50
20	16QAM	50	50	12.67	12.76	12.43	13.50
20	16QAM	100	0	12.58	12.71	12.48	13.50
20	64QAM	1	0	12.66	12.65	12.55	13.50
20	64QAM	1	49	12.60	12.76	12.59	13.50
20	64QAM	1	99	12.77	12.77	12.61	13.50
20	64QAM	50	0	12.76	12.76	12.54	13.50
20	64QAM	50	24	12.60	12.79	12.52	13.50
20	64QAM	50	50	12.56	12.75	12.44	13.50
20	64QAM	100	0	12.73	12.60	12.57	13.50
20	256QAM	1	0	12.78	12.65	12.54	13.50
20	256QAM	1	49	12.72	12.71	12.41	13.50
20	256QAM	1	99	12.74	12.67	12.42	13.50
20	256QAM	50	0	12.59	12.73	12.64	13.50
20	256QAM	50	24	12.68	12.60	12.56	13.50
20	256QAM	50	50	12.76	12.66	12.58	13.50
20	256QAM	100	0	12.62	12.67	12.63	13.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	12.50	12.69	12.59	13.50
15	QPSK	1	37	12.53	12.52	12.46	13.50
15	QPSK	1	74	12.41	12.64	12.41	13.50
15	QPSK	36	0	12.50	12.58	12.55	13.50
15	QPSK	36	20	12.61	12.58	12.52	13.50
15	QPSK	36	39	12.58	12.55	12.39	13.50
15	QPSK	75	0	12.56	12.58	12.61	13.50
15	16QAM	1	0	12.60	12.56	12.56	13.50
15	16QAM	1	37	12.55	12.72	12.44	13.50
15	16QAM	1	74	12.62	12.66	12.33	13.50
15	16QAM	36	0	12.56	12.60	12.47	13.50
15	16QAM	36	20	12.44	12.51	12.53	13.50
15	16QAM	36	39	12.57	12.73	12.41	13.50
15	16QAM	75	0	12.52	12.70	12.44	13.50
15	64QAM	1	0	12.56	12.59	12.43	13.50
15	64QAM	1	37	12.54	12.73	12.49	13.50
15	64QAM	1	74	12.62	12.67	12.56	13.50
15	64QAM	36	0	12.62	12.61	12.48	13.50
15	64QAM	36	20	12.58	12.74	12.47	13.50
15	64QAM	36	39	12.43	12.62	12.35	13.50
15	64QAM	75	0	12.62	12.55	12.51	13.50
15	256QAM	1	0	12.61	12.57	12.49	13.50
15	256QAM	1	37	12.62	12.69	12.28	13.50
15	256QAM	1	74	12.61	12.57	12.31	13.50
15	256QAM	36	0	12.52	12.70	12.60	13.50
15	256QAM	36	20	12.57	12.49	12.41	13.50
15	256QAM	36	39	12.60	12.64	12.50	13.50
15	256QAM	75	0	12.57	12.53	12.49	13.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	12.55	12.68	12.55	13.50
10	QPSK	1	25	12.51	12.54	12.48	13.50
10	QPSK	1	49	12.51	12.68	12.37	13.50
10	QPSK	25	0	12.60	12.56	12.52	13.50
10	QPSK	25	12	12.58	12.64	12.42	13.50
10	QPSK	25	25	12.56	12.58	12.35	13.50
10	QPSK	50	0	12.61	12.57	12.61	13.50
10	16QAM	1	0	12.59	12.51	12.44	13.50
10	16QAM	1	25	12.50	12.77	12.45	13.50



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10	16QAM	1	49	12.62	12.64	12.42	13.50
10	16QAM	25	0	12.54	12.57	12.45	13.50
10	16QAM	25	12	12.54	12.61	12.55	13.50
10	16QAM	25	25	12.54	12.71	12.30	13.50
10	16QAM	50	0	12.45	12.63	12.43	13.50
10	64QAM	1	0	12.55	12.57	12.40	13.50
10	64QAM	1	25	12.52	12.64	12.52	13.50
10	64QAM	1	49	12.62	12.76	12.55	13.50
10	64QAM	25	0	12.62	12.68	12.52	13.50
10	64QAM	25	12	12.57	12.66	12.43	13.50
10	64QAM	25	25	12.55	12.63	12.38	13.50
10	64QAM	50	0	12.61	12.48	12.45	13.50
10	256QAM	1	0	12.62	12.57	12.39	13.50
10	256QAM	1	25	12.61	12.60	12.34	13.50
10	256QAM	1	49	12.61	12.59	12.37	13.50
10	256QAM	25	0	12.49	12.66	12.52	13.50
10	256QAM	25	12	12.56	12.49	12.43	13.50
10	256QAM	25	25	12.60	12.53	12.53	13.50
10	256QAM	50	0	12.48	12.54	12.61	13.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	12.51	12.64	12.56	13.50
5	QPSK	1	12	12.46	12.53	12.46	13.50
5	QPSK	1	24	12.47	12.55	12.34	13.50
5	QPSK	12	0	12.60	12.63	12.58	13.50
5	QPSK	12	7	12.57	12.60	12.53	13.50
5	QPSK	12	13	12.59	12.54	12.38	13.50
5	QPSK	25	0	12.61	12.52	12.55	13.50
5	16QAM	1	0	12.61	12.52	12.45	13.50
5	16QAM	1	12	12.49	12.77	12.47	13.50
5	16QAM	1	24	12.62	12.66	12.43	13.50
5	16QAM	12	0	12.57	12.60	12.46	13.50
5	16QAM	12	7	12.43	12.48	12.56	13.50
5	16QAM	12	13	12.54	12.71	12.37	13.50
5	16QAM	25	0	12.43	12.69	12.44	13.50
5	64QAM	1	0	12.52	12.63	12.42	13.50
5	64QAM	1	12	12.52	12.61	12.49	13.50
5	64QAM	1	24	12.62	12.69	12.51	13.50
5	64QAM	12	0	12.62	12.61	12.46	13.50
5	64QAM	12	7	12.48	12.77	12.38	13.50
5	64QAM	12	13	12.42	12.61	12.30	13.50
5	64QAM	25	0	12.62	12.56	12.49	13.50
5	256QAM	1	0	12.62	12.55	12.46	13.50
5	256QAM	1	12	12.61	12.57	12.30	13.50
5	256QAM	1	24	12.59	12.66	12.27	13.50
5	256QAM	12	0	12.58	12.63	12.59	13.50
5	256QAM	12	7	12.61	12.47	12.50	13.50
5	256QAM	12	13	12.62	12.65	12.53	13.50
5	256QAM	25	0	12.53	12.61	12.57	13.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	12.48	12.72	12.53	13.50
3	QPSK	1	8	12.42	12.64	12.51	13.50
3	QPSK	1	14	12.47	12.56	12.42	13.50
3	QPSK	8	0	12.58	12.69	12.60	13.50
3	QPSK	8	4	12.61	12.57	12.53	13.50
3	QPSK	8	7	12.59	12.64	12.33	13.50
3	QPSK	15	0	12.54	12.53	12.53	13.50
3	16QAM	1	0	12.62	12.46	12.53	13.50
3	16QAM	1	8	12.58	12.76	12.54	13.50
3	16QAM	1	14	12.61	12.63	12.46	13.50
3	16QAM	8	0	12.58	12.61	12.48	13.50
3	16QAM	8	4	12.49	12.60	12.46	13.50
3	16QAM	8	7	12.54	12.73	12.32	13.50
3	16QAM	15	0	12.56	12.66	12.35	13.50
3	64QAM	1	0	12.58	12.64	12.46	13.50
3	64QAM	1	8	12.54	12.62	12.49	13.50
3	64QAM	1	14	12.62	12.67	12.49	13.50
3	64QAM	8	0	12.61	12.68	12.41	13.50
3	64QAM	8	4	12.53	12.74	12.43	13.50
3	64QAM	8	7	12.46	12.60	12.29	13.50
3	64QAM	15	0	12.62	12.58	12.42	13.50
3	256QAM	1	0	12.61	12.59	12.52	13.50
3	256QAM	1	8	12.60	12.63	12.31	13.50
3	256QAM	1	14	12.62	12.56	12.37	13.50
3	256QAM	8	0	12.46	12.67	12.59	13.50
3	256QAM	8	4	12.58	12.48	12.46	13.50
3	256QAM	8	7	12.60	12.63	12.48	13.50



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3	256QAM	15	0	12.56	12.65	12.51	13.50
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	12.55	12.68	12.59	13.50
1.4	QPSK	1	3	12.50	12.58	12.45	13.50
1.4	QPSK	1	5	12.52	12.62	12.35	13.50
1.4	QPSK	3	0	12.61	12.70	12.53	13.50
1.4	QPSK	3	1	12.61	12.54	12.54	13.50
1.4	QPSK	3	3	12.56	12.56	12.35	13.50
1.4	QPSK	6	0	12.55	12.48	12.57	13.50
1.4	16QAM	1	0	12.62	12.57	12.44	13.50
1.4	16QAM	1	3	12.54	12.71	12.55	13.50
1.4	16QAM	1	5	12.60	12.58	12.42	13.50
1.4	16QAM	3	0	12.60	12.57	12.56	13.50
1.4	16QAM	3	1	12.50	12.51	12.55	13.50
1.4	16QAM	3	3	12.56	12.70	12.39	13.50
1.4	16QAM	6	0	12.55	12.68	12.39	13.50
1.4	64QAM	1	0	12.62	12.57	12.44	13.50
1.4	64QAM	1	3	12.50	12.66	12.55	13.50
1.4	64QAM	1	5	12.62	12.62	12.49	13.50
1.4	64QAM	3	0	12.61	12.63	12.47	13.50
1.4	64QAM	3	1	12.48	12.68	12.39	13.50
1.4	64QAM	3	3	12.42	12.68	12.33	13.50
1.4	64QAM	6	0	12.62	12.57	12.49	13.50
1.4	256QAM	1	0	12.62	12.57	12.53	13.50
1.4	256QAM	1	3	12.62	12.63	12.36	13.50
1.4	256QAM	1	5	12.61	12.61	12.31	13.50
1.4	256QAM	3	0	12.45	12.63	12.58	13.50
1.4	256QAM	3	1	12.61	12.57	12.49	13.50
1.4	256QAM	3	3	12.62	12.61	12.45	13.50
1.4	256QAM	6	0	12.47	12.56	12.49	13.50

【LTE Band 66_Ant 0_Hotspot on】

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	12.62	12.77	12.64	13.50
20	QPSK	1	49	12.56	12.66	12.53	13.50
20	QPSK	1	99	12.55	12.70	12.48	13.50
20	QPSK	50	0	12.68	12.71	12.61	13.50
20	QPSK	50	24	12.67	12.68	12.55	13.50
20	QPSK	50	50	12.62	12.66	12.46	13.50
20	QPSK	100	0	12.68	12.61	12.65	13.50
20	16QAM	1	0	12.74	12.59	12.58	13.50
20	16QAM	1	49	12.64	12.80	12.57	13.50
20	16QAM	1	99	12.77	12.69	12.47	13.50
20	16QAM	50	0	12.62	12.68	12.60	13.50
20	16QAM	50	24	12.57	12.63	12.59	13.50
20	16QAM	50	50	12.67	12.76	12.43	13.50
20	16QAM	100	0	12.58	12.71	12.48	13.50
20	64QAM	1	0	12.66	12.65	12.55	13.50
20	64QAM	1	49	12.60	12.76	12.59	13.50
20	64QAM	1	99	12.77	12.77	12.61	13.50
20	64QAM	50	0	12.76	12.76	12.54	13.50
20	64QAM	50	24	12.60	12.79	12.52	13.50
20	64QAM	50	50	12.56	12.75	12.44	13.50
20	64QAM	100	0	12.73	12.60	12.57	13.50
20	256QAM	1	0	12.78	12.65	12.54	13.50
20	256QAM	1	49	12.72	12.71	12.41	13.50
20	256QAM	1	99	12.74	12.67	12.42	13.50
20	256QAM	50	0	12.59	12.73	12.64	13.50
20	256QAM	50	24	12.68	12.60	12.56	13.50
20	256QAM	50	50	12.76	12.66	12.58	13.50
20	256QAM	100	0	12.62	12.67	12.63	13.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	12.50	12.69	12.59	13.50
15	QPSK	1	37	12.53	12.52	12.46	13.50
15	QPSK	1	74	12.41	12.64	12.41	13.50
15	QPSK	36	0	12.50	12.58	12.55	13.50
15	QPSK	36	20	12.61	12.58	12.52	13.50



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15	QPSK	36	39	12.58	12.55	12.39	13.50
15	QPSK	75	0	12.56	12.58	12.61	13.50
15	16QAM	1	0	12.60	12.56	12.56	13.50
15	16QAM	1	37	12.55	12.72	12.44	13.50
15	16QAM	1	74	12.62	12.66	12.33	13.50
15	16QAM	36	0	12.56	12.60	12.47	13.50
15	16QAM	36	20	12.44	12.51	12.53	13.50
15	16QAM	36	39	12.57	12.73	12.41	13.50
15	16QAM	75	0	12.52	12.70	12.44	13.50
15	64QAM	1	0	12.56	12.59	12.43	13.50
15	64QAM	1	37	12.54	12.73	12.49	13.50
15	64QAM	1	74	12.62	12.67	12.56	13.50
15	64QAM	36	0	12.62	12.61	12.48	13.50
15	64QAM	36	20	12.58	12.74	12.47	13.50
15	64QAM	36	39	12.43	12.62	12.35	13.50
15	64QAM	75	0	12.62	12.55	12.51	13.50
15	256QAM	1	0	12.61	12.57	12.49	13.50
15	256QAM	1	37	12.62	12.69	12.28	13.50
15	256QAM	1	74	12.61	12.57	12.31	13.50
15	256QAM	36	0	12.52	12.70	12.60	13.50
15	256QAM	36	20	12.57	12.49	12.41	13.50
15	256QAM	36	39	12.60	12.64	12.50	13.50
15	256QAM	75	0	12.57	12.53	12.49	13.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	12.55	12.68	12.55	13.50
10	QPSK	1	25	12.51	12.54	12.48	13.50
10	QPSK	1	49	12.51	12.68	12.37	13.50
10	QPSK	25	0	12.60	12.56	12.52	13.50
10	QPSK	25	12	12.58	12.64	12.42	13.50
10	QPSK	25	25	12.56	12.58	12.35	13.50
10	QPSK	50	0	12.61	12.57	12.61	13.50
10	16QAM	1	0	12.59	12.51	12.44	13.50
10	16QAM	1	25	12.50	12.77	12.45	13.50
10	16QAM	1	49	12.62	12.64	12.42	13.50
10	16QAM	25	0	12.54	12.57	12.45	13.50
10	16QAM	25	12	12.54	12.61	12.55	13.50
10	16QAM	25	25	12.54	12.71	12.30	13.50
10	16QAM	50	0	12.45	12.63	12.43	13.50
10	64QAM	1	0	12.55	12.57	12.40	13.50
10	64QAM	1	25	12.52	12.64	12.52	13.50
10	64QAM	1	49	12.62	12.76	12.55	13.50
10	64QAM	25	0	12.62	12.68	12.52	13.50
10	64QAM	25	12	12.57	12.66	12.43	13.50
10	64QAM	25	25	12.55	12.63	12.38	13.50
10	64QAM	50	0	12.61	12.48	12.45	13.50
10	256QAM	1	0	12.62	12.57	12.39	13.50
10	256QAM	1	25	12.61	12.60	12.34	13.50
10	256QAM	1	49	12.61	12.59	12.37	13.50
10	256QAM	25	0	12.49	12.66	12.52	13.50
10	256QAM	25	12	12.56	12.49	12.43	13.50
10	256QAM	25	25	12.60	12.53	12.53	13.50
10	256QAM	50	0	12.48	12.54	12.61	13.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	12.51	12.64	12.56	13.50
5	QPSK	1	12	12.46	12.53	12.46	13.50
5	QPSK	1	24	12.47	12.55	12.34	13.50
5	QPSK	12	0	12.60	12.63	12.58	13.50
5	QPSK	12	7	12.57	12.60	12.53	13.50
5	QPSK	12	13	12.59	12.54	12.38	13.50
5	QPSK	25	0	12.61	12.52	12.55	13.50
5	16QAM	1	0	12.61	12.52	12.45	13.50
5	16QAM	1	12	12.49	12.77	12.47	13.50
5	16QAM	1	24	12.62	12.66	12.43	13.50
5	16QAM	12	0	12.57	12.60	12.46	13.50
5	16QAM	12	7	12.43	12.48	12.56	13.50
5	16QAM	12	13	12.54	12.71	12.37	13.50
5	16QAM	25	0	12.43	12.69	12.44	13.50
5	64QAM	1	0	12.52	12.63	12.42	13.50
5	64QAM	1	12	12.52	12.61	12.49	13.50
5	64QAM	1	24	12.62	12.69	12.51	13.50
5	64QAM	12	0	12.62	12.61	12.46	13.50
5	64QAM	12	7	12.48	12.77	12.38	13.50
5	64QAM	12	13	12.42	12.61	12.30	13.50
5	64QAM	25	0	12.62	12.56	12.49	13.50
5	256QAM	1	0	12.62	12.55	12.46	13.50
5	256QAM	1	12	12.61	12.57	12.30	13.50



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5	256QAM	1	24	12.59	12.66	12.27	13.50
5	256QAM	12	0	12.58	12.63	12.59	13.50
5	256QAM	12	7	12.61	12.47	12.50	13.50
5	256QAM	12	13	12.62	12.65	12.53	13.50
5	256QAM	25	0	12.53	12.61	12.57	13.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	12.48	12.72	12.53	13.50
3	QPSK	1	8	12.42	12.64	12.51	13.50
3	QPSK	1	14	12.47	12.56	12.42	13.50
3	QPSK	8	0	12.58	12.69	12.60	13.50
3	QPSK	8	4	12.61	12.57	12.53	13.50
3	QPSK	8	7	12.59	12.64	12.33	13.50
3	QPSK	15	0	12.54	12.53	12.53	13.50
3	16QAM	1	0	12.62	12.46	12.53	13.50
3	16QAM	1	8	12.58	12.76	12.54	13.50
3	16QAM	1	14	12.61	12.63	12.46	13.50
3	16QAM	8	0	12.58	12.61	12.48	13.50
3	16QAM	8	4	12.49	12.60	12.46	13.50
3	16QAM	8	7	12.54	12.73	12.32	13.50
3	16QAM	15	0	12.56	12.66	12.35	13.50
3	64QAM	1	0	12.58	12.64	12.46	13.50
3	64QAM	1	8	12.54	12.62	12.49	13.50
3	64QAM	1	14	12.62	12.67	12.49	13.50
3	64QAM	8	0	12.61	12.68	12.41	13.50
3	64QAM	8	4	12.53	12.74	12.43	13.50
3	64QAM	8	7	12.46	12.60	12.29	13.50
3	64QAM	15	0	12.62	12.58	12.42	13.50
3	256QAM	1	0	12.61	12.59	12.52	13.50
3	256QAM	1	8	12.60	12.63	12.31	13.50
3	256QAM	1	14	12.62	12.56	12.37	13.50
3	256QAM	8	0	12.46	12.67	12.59	13.50
3	256QAM	8	4	12.58	12.48	12.46	13.50
3	256QAM	8	7	12.60	12.63	12.48	13.50
3	256QAM	15	0	12.56	12.65	12.51	13.50
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	12.55	12.68	12.59	13.50
1.4	QPSK	1	3	12.50	12.58	12.45	13.50
1.4	QPSK	1	5	12.52	12.62	12.35	13.50
1.4	QPSK	3	0	12.61	12.70	12.53	13.50
1.4	QPSK	3	1	12.61	12.54	12.54	13.50
1.4	QPSK	3	3	12.56	12.56	12.35	13.50
1.4	QPSK	6	0	12.55	12.48	12.57	13.50
1.4	16QAM	1	0	12.62	12.57	12.44	13.50
1.4	16QAM	1	3	12.54	12.71	12.55	13.50
1.4	16QAM	1	5	12.60	12.58	12.42	13.50
1.4	16QAM	3	0	12.60	12.57	12.56	13.50
1.4	16QAM	3	1	12.50	12.51	12.55	13.50
1.4	16QAM	3	3	12.56	12.70	12.39	13.50
1.4	16QAM	6	0	12.55	12.68	12.39	13.50
1.4	64QAM	1	0	12.62	12.57	12.44	13.50
1.4	64QAM	1	3	12.50	12.66	12.55	13.50
1.4	64QAM	1	5	12.62	12.62	12.49	13.50
1.4	64QAM	3	0	12.61	12.63	12.47	13.50
1.4	64QAM	3	1	12.48	12.68	12.39	13.50
1.4	64QAM	3	3	12.42	12.68	12.33	13.50
1.4	64QAM	6	0	12.62	12.57	12.49	13.50
1.4	256QAM	1	0	12.62	12.57	12.53	13.50
1.4	256QAM	1	3	12.62	12.63	12.36	13.50
1.4	256QAM	1	5	12.61	12.61	12.31	13.50
1.4	256QAM	3	0	12.45	12.63	12.58	13.50
1.4	256QAM	3	1	12.61	12.57	12.49	13.50
1.4	256QAM	3	3	12.62	12.61	12.45	13.50
1.4	256QAM	6	0	12.47	12.56	12.49	13.50



【LTE Band 66_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.93	22.83	24.00
20	QPSK	1	49	22.62	22.80	22.57	24.00
20	QPSK	1	99	22.71	22.91	22.74	24.00
20	QPSK	50	0	21.84	21.96	21.84	23.00
20	QPSK	50	24	21.72	21.93	21.70	23.00
20	QPSK	50	50	21.80	21.91	21.73	23.00
20	QPSK	100	0	21.73	21.82	21.62	23.00
20	16QAM	1	0	21.84	22.02	21.90	23.00
20	16QAM	1	49	21.85	22.05	21.91	23.00
20	16QAM	1	99	22.12	22.19	22.04	23.00
20	16QAM	50	0	20.79	20.89	20.76	22.00
20	16QAM	50	24	20.73	20.87	20.70	22.00
20	16QAM	50	50	20.69	20.88	20.66	22.00
20	16QAM	100	0	20.65	20.83	20.61	22.00
20	64QAM	1	0	20.85	20.98	20.84	22.00
20	64QAM	1	49	20.85	20.94	20.77	22.00
20	64QAM	1	99	20.95	21.15	21.03	22.00
20	64QAM	50	0	19.75	19.89	19.76	21.00
20	64QAM	50	24	19.65	19.84	19.62	21.00
20	64QAM	50	50	19.80	19.88	19.73	21.00
20	64QAM	100	0	19.71	19.91	19.77	21.00
20	256QAM	1	0	17.82	17.89	17.79	19.00
20	256QAM	1	49	17.79	17.89	17.68	19.00
20	256QAM	1	99	17.99	18.14	18.04	19.00
20	256QAM	50	0	17.75	17.93	17.77	19.00
20	256QAM	50	24	17.81	17.94	17.73	19.00
20	256QAM	50	50	17.98	18.17	18.08	19.00
20	256QAM	100	0	17.85	17.93	17.74	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.78	22.85	22.76	24.00
15	QPSK	1	37	22.61	22.69	22.48	24.00
15	QPSK	1	74	22.61	22.85	22.66	24.00
15	QPSK	36	0	21.70	21.88	21.74	23.00
15	QPSK	36	20	21.71	21.85	21.66	23.00
15	QPSK	36	39	21.79	21.80	21.59	23.00
15	QPSK	75	0	21.71	21.80	21.59	23.00
15	16QAM	1	0	21.76	21.99	21.80	23.00
15	16QAM	1	37	21.76	21.96	21.88	23.00
15	16QAM	1	74	22.07	22.10	21.98	23.00
15	16QAM	36	0	20.68	20.76	20.65	22.00
15	16QAM	36	20	20.65	20.73	20.61	22.00
15	16QAM	36	39	20.66	20.87	20.60	22.00
15	16QAM	75	0	20.60	20.73	20.56	22.00
15	64QAM	1	0	20.78	20.95	20.73	22.00
15	64QAM	1	37	20.71	20.85	20.69	22.00
15	64QAM	1	74	20.90	21.08	21.01	22.00
15	64QAM	36	0	19.61	19.78	19.71	21.00
15	64QAM	36	20	19.62	19.76	19.53	21.00
15	64QAM	36	39	19.77	19.77	19.68	21.00
15	64QAM	75	0	19.69	19.87	19.75	21.00
15	256QAM	1	0	17.78	17.85	17.75	19.00
15	256QAM	1	37	17.64	17.77	17.64	19.00
15	256QAM	1	74	17.95	18.03	18.01	19.00
15	256QAM	36	0	17.74	17.87	17.69	19.00
15	256QAM	36	20	17.71	17.86	17.67	19.00
15	256QAM	36	39	17.87	18.07	18.06	19.00
15	256QAM	75	0	17.73	17.79	17.62	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.73	22.89	22.75	24.00
10	QPSK	1	25	22.55	22.70	22.43	24.00
10	QPSK	1	49	22.68	22.80	22.63	24.00
10	QPSK	25	0	21.78	21.84	21.70	23.00
10	QPSK	25	12	21.66	21.79	21.66	23.00
10	QPSK	25	25	21.68	21.86	21.63	23.00
10	QPSK	50	0	21.59	21.73	21.61	23.00
10	16QAM	1	0	21.78	21.97	21.77	23.00
10	16QAM	1	25	21.83	21.99	21.82	23.00
10	16QAM	1	49	22.04	22.07	21.93	23.00
10	16QAM	25	0	20.77	20.83	20.64	22.00



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10	16QAM	25	12	20.69	20.73	20.64	22.00
10	16QAM	25	25	20.55	20.76	20.64	22.00
10	16QAM	50	0	20.58	20.77	20.53	22.00
10	64QAM	1	0	20.75	20.86	20.81	22.00
10	64QAM	1	25	20.84	20.88	20.76	22.00
10	64QAM	1	49	20.88	21.00	20.89	22.00
10	64QAM	25	0	19.64	19.80	19.75	21.00
10	64QAM	25	12	19.57	19.73	19.50	21.00
10	64QAM	25	25	19.66	19.80	19.70	21.00
10	64QAM	50	0	19.66	19.82	19.66	21.00
10	256QAM	1	0	17.76	17.80	17.70	19.00
10	256QAM	1	25	17.68	17.85	17.60	19.00
10	256QAM	1	49	17.92	18.06	18.02	19.00
10	256QAM	25	0	17.61	17.80	17.66	19.00
10	256QAM	25	12	17.73	17.92	17.68	19.00
10	256QAM	25	25	17.91	18.03	17.97	19.00
10	256QAM	50	0	17.75	17.90	17.66	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.77	22.89	22.77	24.00
5	QPSK	1	12	22.58	22.73	22.54	24.00
5	QPSK	1	24	22.56	22.83	22.60	24.00
5	QPSK	12	0	21.80	21.89	21.82	23.00
5	QPSK	12	7	21.68	21.83	21.57	23.00
5	QPSK	12	13	21.68	21.85	21.69	23.00
5	QPSK	25	0	21.71	21.76	21.51	23.00
5	16QAM	1	0	21.78	21.91	21.79	23.00
5	16QAM	1	12	21.79	21.94	21.82	23.00
5	16QAM	1	24	22.09	22.10	21.91	23.00
5	16QAM	12	0	20.78	20.82	20.73	22.00
5	16QAM	12	7	20.60	20.83	20.61	22.00
5	16QAM	12	13	20.66	20.83	20.65	22.00
5	16QAM	25	0	20.60	20.71	20.57	22.00
5	64QAM	1	0	20.74	20.95	20.70	22.00
5	64QAM	1	12	20.81	20.86	20.70	22.00
5	64QAM	1	24	20.93	21.11	20.90	22.00
5	64QAM	12	0	19.64	19.81	19.61	21.00
5	64QAM	12	7	19.51	19.71	19.49	21.00
5	64QAM	12	13	19.77	19.82	19.72	21.00
5	64QAM	25	0	19.60	19.78	19.74	21.00
5	256QAM	1	0	17.77	17.86	17.74	19.00
5	256QAM	1	12	17.74	17.75	17.58	19.00
5	256QAM	1	24	17.97	18.07	18.00	19.00
5	256QAM	12	0	17.68	17.85	17.67	19.00
5	256QAM	12	7	17.78	17.92	17.58	19.00
5	256QAM	12	13	17.90	18.05	18.05	19.00
5	256QAM	25	0	17.73	17.91	17.62	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.85	22.85	22.78	24.00
3	QPSK	1	8	22.57	22.68	22.52	24.00
3	QPSK	1	14	22.60	22.89	22.59	24.00
3	QPSK	8	0	21.82	21.89	21.81	23.00
3	QPSK	8	4	21.67	21.82	21.55	23.00
3	QPSK	8	7	21.72	21.81	21.58	23.00
3	QPSK	15	0	21.71	21.68	21.52	23.00
3	16QAM	1	0	21.71	21.89	21.88	23.00
3	16QAM	1	8	21.70	21.97	21.77	23.00
3	16QAM	1	14	22.03	22.14	22.01	23.00
3	16QAM	8	0	20.77	20.84	20.70	22.00
3	16QAM	8	4	20.70	20.82	20.65	22.00
3	16QAM	8	7	20.67	20.74	20.59	22.00
3	16QAM	15	0	20.63	20.76	20.59	22.00
3	64QAM	1	0	20.84	20.97	20.81	22.00
3	64QAM	1	8	20.75	20.81	20.72	22.00
3	64QAM	1	14	20.90	21.11	21.02	22.00
3	64QAM	8	0	19.62	19.86	19.65	21.00
3	64QAM	8	4	19.55	19.76	19.52	21.00
3	64QAM	8	7	19.69	19.76	19.60	21.00
3	64QAM	15	0	19.67	19.80	19.70	21.00
3	256QAM	1	0	17.76	17.81	17.71	19.00
3	256QAM	1	8	17.74	17.79	17.60	19.00
3	256QAM	1	14	17.93	18.01	17.91	19.00
3	256QAM	8	0	17.66	17.85	17.67	19.00
3	256QAM	8	4	17.70	17.89	17.64	19.00
3	256QAM	8	7	17.89	18.15	18.02	19.00
3	256QAM	15	0	17.74	17.85	17.71	19.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.81	22.86	22.70	24.00
1.4	QPSK	1	3	22.58	22.70	22.55	24.00
1.4	QPSK	1	5	22.65	22.89	22.68	24.00
1.4	QPSK	3	0	22.78	22.85	22.80	24.00
1.4	QPSK	3	1	22.66	22.87	22.58	24.00
1.4	QPSK	3	3	22.69	22.77	22.63	24.00
1.4	QPSK	6	0	21.64	21.79	21.51	23.00
1.4	16QAM	1	0	21.73	21.99	21.84	23.00
1.4	16QAM	1	3	21.72	21.98	21.80	23.00
1.4	16QAM	1	5	22.09	22.17	21.97	23.00
1.4	16QAM	3	0	21.74	21.80	21.70	23.00
1.4	16QAM	3	1	21.60	21.75	21.63	23.00
1.4	16QAM	3	3	21.56	21.81	21.61	23.00
1.4	16QAM	6	0	20.54	20.72	20.51	22.00
1.4	64QAM	1	0	20.76	20.87	20.78	22.00
1.4	64QAM	1	3	20.83	20.80	20.69	22.00
1.4	64QAM	1	5	20.88	21.12	21.01	22.00
1.4	64QAM	3	0	20.62	20.78	20.69	22.00
1.4	64QAM	3	1	20.56	20.74	20.48	22.00
1.4	64QAM	3	3	20.69	20.73	20.69	22.00
1.4	64QAM	6	0	19.61	19.85	19.71	21.00
1.4	256QAM	1	0	17.72	17.75	17.72	19.00
1.4	256QAM	1	3	17.77	17.87	17.59	19.00
1.4	256QAM	1	5	17.90	18.03	17.97	19.00
1.4	256QAM	3	0	17.73	17.80	17.70	19.00
1.4	256QAM	3	1	17.72	17.79	17.71	19.00
1.4	256QAM	3	3	17.94	18.16	18.06	19.00
1.4	256QAM	6	0	17.74	17.84	17.70	19.00

【LTE Band 66_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.93	22.83	24.00
20	QPSK	1	49	22.62	22.80	22.57	24.00
20	QPSK	1	99	22.71	22.91	22.74	24.00
20	QPSK	50	0	21.84	21.96	21.84	23.00
20	QPSK	50	24	21.72	21.93	21.70	23.00
20	QPSK	50	50	21.80	21.91	21.73	23.00
20	QPSK	100	0	21.73	21.82	21.62	23.00
20	16QAM	1	0	21.84	22.02	21.90	23.00
20	16QAM	1	49	21.85	22.05	21.91	23.00
20	16QAM	1	99	22.12	22.19	22.04	23.00
20	16QAM	50	0	20.79	20.89	20.76	22.00
20	16QAM	50	24	20.73	20.87	20.70	22.00
20	16QAM	50	50	20.69	20.88	20.66	22.00
20	16QAM	100	0	20.65	20.83	20.61	22.00
20	64QAM	1	0	20.85	20.98	20.84	22.00
20	64QAM	1	49	20.85	20.94	20.77	22.00
20	64QAM	1	99	20.95	21.15	21.03	22.00
20	64QAM	50	0	19.75	19.89	19.76	21.00
20	64QAM	50	24	19.65	19.84	19.62	21.00
20	64QAM	50	50	19.80	19.88	19.73	21.00
20	64QAM	100	0	19.71	19.91	19.77	21.00
20	256QAM	1	0	17.82	17.89	17.79	19.00
20	256QAM	1	49	17.79	17.89	17.68	19.00
20	256QAM	1	99	17.99	18.14	18.04	19.00
20	256QAM	50	0	17.75	17.93	17.77	19.00
20	256QAM	50	24	17.81	17.94	17.73	19.00
20	256QAM	50	50	17.98	18.17	18.08	19.00
20	256QAM	100	0	17.85	17.93	17.74	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.78	22.85	22.76	24.00
15	QPSK	1	37	22.61	22.69	22.48	24.00
15	QPSK	1	74	22.61	22.85	22.66	24.00
15	QPSK	36	0	21.70	21.88	21.74	23.00
15	QPSK	36	20	21.71	21.85	21.66	23.00
15	QPSK	36	39	21.79	21.80	21.59	23.00
15	QPSK	75	0	21.71	21.80	21.59	23.00



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15	16QAM	1	0	21.76	21.99	21.80	23.00
15	16QAM	1	37	21.76	21.96	21.88	23.00
15	16QAM	1	74	22.07	22.10	21.98	23.00
15	16QAM	36	0	20.68	20.76	20.65	22.00
15	16QAM	36	20	20.65	20.73	20.61	22.00
15	16QAM	36	39	20.66	20.87	20.60	22.00
15	16QAM	75	0	20.60	20.73	20.56	22.00
15	64QAM	1	0	20.78	20.95	20.73	22.00
15	64QAM	1	37	20.71	20.85	20.69	22.00
15	64QAM	1	74	20.90	21.08	21.01	22.00
15	64QAM	36	0	19.61	19.78	19.71	21.00
15	64QAM	36	20	19.62	19.76	19.53	21.00
15	64QAM	36	39	19.77	19.77	19.68	21.00
15	64QAM	75	0	19.69	19.87	19.75	21.00
15	256QAM	1	0	17.78	17.85	17.75	19.00
15	256QAM	1	37	17.64	17.77	17.64	19.00
15	256QAM	1	74	17.95	18.03	18.01	19.00
15	256QAM	36	0	17.74	17.87	17.69	19.00
15	256QAM	36	20	17.71	17.86	17.67	19.00
15	256QAM	36	39	17.87	18.07	18.06	19.00
15	256QAM	75	0	17.73	17.79	17.62	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.73	22.89	22.75	24.00
10	QPSK	1	25	22.55	22.70	22.43	24.00
10	QPSK	1	49	22.68	22.80	22.63	24.00
10	QPSK	25	0	21.78	21.84	21.70	23.00
10	QPSK	25	12	21.66	21.79	21.66	23.00
10	QPSK	25	25	21.68	21.86	21.63	23.00
10	QPSK	50	0	21.59	21.73	21.61	23.00
10	16QAM	1	0	21.78	21.97	21.77	23.00
10	16QAM	1	25	21.83	21.99	21.82	23.00
10	16QAM	1	49	22.04	22.07	21.93	23.00
10	16QAM	25	0	20.77	20.83	20.64	22.00
10	16QAM	25	12	20.69	20.73	20.64	22.00
10	16QAM	25	25	20.55	20.76	20.64	22.00
10	16QAM	50	0	20.58	20.77	20.53	22.00
10	64QAM	1	0	20.75	20.86	20.81	22.00
10	64QAM	1	25	20.84	20.88	20.76	22.00
10	64QAM	1	49	20.88	21.00	20.89	22.00
10	64QAM	25	0	19.64	19.80	19.75	21.00
10	64QAM	25	12	19.57	19.73	19.50	21.00
10	64QAM	25	25	19.66	19.80	19.70	21.00
10	64QAM	50	0	19.66	19.82	19.66	21.00
10	256QAM	1	0	17.76	17.80	17.70	19.00
10	256QAM	1	25	17.68	17.85	17.60	19.00
10	256QAM	1	49	17.92	18.06	18.02	19.00
10	256QAM	25	0	17.61	17.80	17.66	19.00
10	256QAM	25	12	17.73	17.92	17.68	19.00
10	256QAM	25	25	17.91	18.03	17.97	19.00
10	256QAM	50	0	17.75	17.90	17.66	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.77	22.89	22.77	24.00
5	QPSK	1	12	22.58	22.73	22.54	24.00
5	QPSK	1	24	22.56	22.83	22.60	24.00
5	QPSK	12	0	21.80	21.89	21.82	23.00
5	QPSK	12	7	21.68	21.83	21.57	23.00
5	QPSK	12	13	21.68	21.85	21.69	23.00
5	QPSK	25	0	21.71	21.76	21.51	23.00
5	16QAM	1	0	21.78	21.91	21.79	23.00
5	16QAM	1	12	21.79	21.94	21.82	23.00
5	16QAM	1	24	22.09	22.10	21.91	23.00
5	16QAM	12	0	20.78	20.82	20.73	22.00
5	16QAM	12	7	20.60	20.83	20.61	22.00
5	16QAM	12	13	20.66	20.83	20.65	22.00
5	16QAM	25	0	20.60	20.71	20.57	22.00
5	64QAM	1	0	20.74	20.95	20.70	22.00
5	64QAM	1	12	20.81	20.86	20.70	22.00
5	64QAM	1	24	20.93	21.11	20.90	22.00
5	64QAM	12	0	19.64	19.81	19.61	21.00
5	64QAM	12	7	19.51	19.71	19.49	21.00
5	64QAM	12	13	19.77	19.82	19.72	21.00
5	64QAM	25	0	19.60	19.78	19.74	21.00
5	256QAM	1	0	17.77	17.86	17.74	19.00
5	256QAM	1	12	17.74	17.75	17.58	19.00
5	256QAM	1	24	17.97	18.07	18.00	19.00
5	256QAM	12	0	17.68	17.85	17.67	19.00



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5	256QAM	12	7	17.78	17.92	17.58	19.00
5	256QAM	12	13	17.90	18.05	18.05	19.00
5	256QAM	25	0	17.73	17.91	17.62	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.85	22.85	22.78	24.00
3	QPSK	1	8	22.57	22.68	22.52	24.00
3	QPSK	1	14	22.60	22.89	22.59	24.00
3	QPSK	8	0	21.82	21.89	21.81	23.00
3	QPSK	8	4	21.67	21.82	21.55	23.00
3	QPSK	8	7	21.72	21.81	21.58	23.00
3	QPSK	15	0	21.71	21.68	21.52	23.00
3	16QAM	1	0	21.71	21.89	21.88	23.00
3	16QAM	1	8	21.70	21.97	21.77	23.00
3	16QAM	1	14	22.03	22.14	22.01	23.00
3	16QAM	8	0	20.77	20.84	20.70	22.00
3	16QAM	8	4	20.70	20.82	20.65	22.00
3	16QAM	8	7	20.67	20.74	20.59	22.00
3	16QAM	15	0	20.63	20.76	20.59	22.00
3	64QAM	1	0	20.84	20.97	20.81	22.00
3	64QAM	1	8	20.75	20.81	20.72	22.00
3	64QAM	1	14	20.90	21.11	21.02	22.00
3	64QAM	8	0	19.62	19.86	19.65	21.00
3	64QAM	8	4	19.55	19.76	19.52	21.00
3	64QAM	8	7	19.69	19.76	19.60	21.00
3	64QAM	15	0	19.67	19.80	19.70	21.00
3	256QAM	1	0	17.76	17.81	17.71	19.00
3	256QAM	1	8	17.74	17.79	17.60	19.00
3	256QAM	1	14	17.93	18.01	17.91	19.00
3	256QAM	8	0	17.66	17.85	17.67	19.00
3	256QAM	8	4	17.70	17.89	17.64	19.00
3	256QAM	8	7	17.89	18.15	18.02	19.00
3	256QAM	15	0	17.74	17.85	17.71	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.81	22.86	22.70	24.00
1.4	QPSK	1	3	22.58	22.70	22.55	24.00
1.4	QPSK	1	5	22.65	22.89	22.68	24.00
1.4	QPSK	3	0	22.78	22.85	22.80	24.00
1.4	QPSK	3	1	22.66	22.87	22.58	24.00
1.4	QPSK	3	3	22.69	22.77	22.63	24.00
1.4	QPSK	6	0	21.64	21.79	21.51	23.00
1.4	16QAM	1	0	21.73	21.99	21.84	23.00
1.4	16QAM	1	3	21.72	21.98	21.80	23.00
1.4	16QAM	1	5	22.09	22.17	21.97	23.00
1.4	16QAM	3	0	21.74	21.80	21.70	23.00
1.4	16QAM	3	1	21.60	21.75	21.63	23.00
1.4	16QAM	3	3	21.56	21.81	21.61	23.00
1.4	16QAM	6	0	20.54	20.72	20.51	22.00
1.4	64QAM	1	0	20.76	20.87	20.78	22.00
1.4	64QAM	1	3	20.83	20.80	20.69	22.00
1.4	64QAM	1	5	20.88	21.12	21.01	22.00
1.4	64QAM	3	0	20.62	20.78	20.69	22.00
1.4	64QAM	3	1	20.56	20.74	20.48	22.00
1.4	64QAM	3	3	20.69	20.73	20.69	22.00
1.4	64QAM	6	0	19.61	19.85	19.71	21.00
1.4	256QAM	1	0	17.72	17.75	17.72	19.00
1.4	256QAM	1	3	17.77	17.87	17.59	19.00
1.4	256QAM	1	5	17.90	18.03	17.97	19.00
1.4	256QAM	3	0	17.73	17.80	17.70	19.00
1.4	256QAM	3	1	17.72	17.79	17.71	19.00
1.4	256QAM	3	3	17.94	18.16	18.06	19.00
1.4	256QAM	6	0	17.74	17.84	17.70	19.00



【LTE Band 66_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.93	22.83	24.00
20	QPSK	1	49	22.62	22.80	22.57	24.00
20	QPSK	1	99	22.71	22.91	22.74	24.00
20	QPSK	50	0	21.84	21.96	21.84	23.00
20	QPSK	50	24	21.72	21.93	21.70	23.00
20	QPSK	50	50	21.80	21.91	21.73	23.00
20	QPSK	100	0	21.73	21.82	21.62	23.00
20	16QAM	1	0	21.84	22.02	21.90	23.00
20	16QAM	1	49	21.85	22.05	21.91	23.00
20	16QAM	1	99	22.12	22.19	22.04	23.00
20	16QAM	50	0	20.79	20.89	20.76	22.00
20	16QAM	50	24	20.73	20.87	20.70	22.00
20	16QAM	50	50	20.69	20.88	20.66	22.00
20	16QAM	100	0	20.65	20.83	20.61	22.00
20	64QAM	1	0	20.85	20.98	20.84	22.00
20	64QAM	1	49	20.85	20.94	20.77	22.00
20	64QAM	1	99	20.95	21.15	21.03	22.00
20	64QAM	50	0	19.75	19.89	19.76	21.00
20	64QAM	50	24	19.65	19.84	19.62	21.00
20	64QAM	50	50	19.80	19.88	19.73	21.00
20	64QAM	100	0	19.71	19.91	19.77	21.00
20	256QAM	1	0	17.82	17.89	17.79	19.00
20	256QAM	1	49	17.79	17.89	17.68	19.00
20	256QAM	1	99	17.99	18.14	18.04	19.00
20	256QAM	50	0	17.75	17.93	17.77	19.00
20	256QAM	50	24	17.81	17.94	17.73	19.00
20	256QAM	50	50	17.98	18.17	18.08	19.00
20	256QAM	100	0	17.85	17.93	17.74	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.78	22.85	22.76	24.00
15	QPSK	1	37	22.61	22.69	22.48	24.00
15	QPSK	1	74	22.61	22.85	22.66	24.00
15	QPSK	36	0	21.70	21.88	21.74	23.00
15	QPSK	36	20	21.71	21.85	21.66	23.00
15	QPSK	36	39	21.79	21.80	21.59	23.00
15	QPSK	75	0	21.71	21.80	21.59	23.00
15	16QAM	1	0	21.76	21.99	21.80	23.00
15	16QAM	1	37	21.76	21.96	21.88	23.00
15	16QAM	1	74	22.07	22.10	21.98	23.00
15	16QAM	36	0	20.68	20.76	20.65	22.00
15	16QAM	36	20	20.65	20.73	20.61	22.00
15	16QAM	36	39	20.66	20.87	20.60	22.00
15	16QAM	75	0	20.60	20.73	20.56	22.00
15	64QAM	1	0	20.78	20.95	20.73	22.00
15	64QAM	1	37	20.71	20.85	20.69	22.00
15	64QAM	1	74	20.90	21.08	21.01	22.00
15	64QAM	36	0	19.61	19.78	19.71	21.00
15	64QAM	36	20	19.62	19.76	19.53	21.00
15	64QAM	36	39	19.77	19.77	19.68	21.00
15	64QAM	75	0	19.69	19.87	19.75	21.00
15	256QAM	1	0	17.78	17.85	17.75	19.00
15	256QAM	1	37	17.64	17.77	17.64	19.00
15	256QAM	1	74	17.95	18.03	18.01	19.00
15	256QAM	36	0	17.74	17.87	17.69	19.00
15	256QAM	36	20	17.71	17.86	17.67	19.00
15	256QAM	36	39	17.87	18.07	18.06	19.00
15	256QAM	75	0	17.73	17.79	17.62	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.73	22.89	22.75	24.00
10	QPSK	1	25	22.55	22.70	22.43	24.00
10	QPSK	1	49	22.68	22.80	22.63	24.00
10	QPSK	25	0	21.78	21.84	21.70	23.00
10	QPSK	25	12	21.66	21.79	21.66	23.00
10	QPSK	25	25	21.68	21.86	21.63	23.00
10	QPSK	50	0	21.59	21.73	21.61	23.00
10	16QAM	1	0	21.78	21.97	21.77	23.00
10	16QAM	1	25	21.83	21.99	21.82	23.00
10	16QAM	1	49	22.04	22.07	21.93	23.00
10	16QAM	25	0	20.77	20.83	20.64	22.00



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10	16QAM	25	12	20.69	20.73	20.64	22.00
10	16QAM	25	25	20.55	20.76	20.64	22.00
10	16QAM	50	0	20.58	20.77	20.53	22.00
10	64QAM	1	0	20.75	20.86	20.81	22.00
10	64QAM	1	25	20.84	20.88	20.76	22.00
10	64QAM	1	49	20.88	21.00	20.89	22.00
10	64QAM	25	0	19.64	19.80	19.75	21.00
10	64QAM	25	12	19.57	19.73	19.50	21.00
10	64QAM	25	25	19.66	19.80	19.70	21.00
10	64QAM	50	0	19.66	19.82	19.66	21.00
10	256QAM	1	0	17.76	17.80	17.70	19.00
10	256QAM	1	25	17.68	17.85	17.60	19.00
10	256QAM	1	49	17.92	18.06	18.02	19.00
10	256QAM	25	0	17.61	17.80	17.66	19.00
10	256QAM	25	12	17.73	17.92	17.68	19.00
10	256QAM	25	25	17.91	18.03	17.97	19.00
10	256QAM	50	0	17.75	17.90	17.66	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.77	22.89	22.77	24.00
5	QPSK	1	12	22.58	22.73	22.54	24.00
5	QPSK	1	24	22.56	22.83	22.60	24.00
5	QPSK	12	0	21.80	21.89	21.82	23.00
5	QPSK	12	7	21.68	21.83	21.57	23.00
5	QPSK	12	13	21.68	21.85	21.69	23.00
5	QPSK	25	0	21.71	21.76	21.51	23.00
5	16QAM	1	0	21.78	21.91	21.79	23.00
5	16QAM	1	12	21.79	21.94	21.82	23.00
5	16QAM	1	24	22.09	22.10	21.91	23.00
5	16QAM	12	0	20.78	20.82	20.73	22.00
5	16QAM	12	7	20.60	20.83	20.61	22.00
5	16QAM	12	13	20.66	20.83	20.65	22.00
5	16QAM	25	0	20.60	20.71	20.57	22.00
5	64QAM	1	0	20.74	20.95	20.70	22.00
5	64QAM	1	12	20.81	20.86	20.70	22.00
5	64QAM	1	24	20.93	21.11	20.90	22.00
5	64QAM	12	0	19.64	19.81	19.61	21.00
5	64QAM	12	7	19.51	19.71	19.49	21.00
5	64QAM	12	13	19.77	19.82	19.72	21.00
5	64QAM	25	0	19.60	19.78	19.74	21.00
5	256QAM	1	0	17.77	17.86	17.74	19.00
5	256QAM	1	12	17.74	17.75	17.58	19.00
5	256QAM	1	24	17.97	18.07	18.00	19.00
5	256QAM	12	0	17.68	17.85	17.67	19.00
5	256QAM	12	7	17.78	17.92	17.58	19.00
5	256QAM	12	13	17.90	18.05	18.05	19.00
5	256QAM	25	0	17.73	17.91	17.62	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.85	22.85	22.78	24.00
3	QPSK	1	8	22.57	22.68	22.52	24.00
3	QPSK	1	14	22.60	22.89	22.59	24.00
3	QPSK	8	0	21.82	21.89	21.81	23.00
3	QPSK	8	4	21.67	21.82	21.55	23.00
3	QPSK	8	7	21.72	21.81	21.58	23.00
3	QPSK	15	0	21.71	21.68	21.52	23.00
3	16QAM	1	0	21.71	21.89	21.88	23.00
3	16QAM	1	8	21.70	21.97	21.77	23.00
3	16QAM	1	14	22.03	22.14	22.01	23.00
3	16QAM	8	0	20.77	20.84	20.70	22.00
3	16QAM	8	4	20.70	20.82	20.65	22.00
3	16QAM	8	7	20.67	20.74	20.59	22.00
3	16QAM	15	0	20.63	20.76	20.59	22.00
3	64QAM	1	0	20.84	20.97	20.81	22.00
3	64QAM	1	8	20.75	20.81	20.72	22.00
3	64QAM	1	14	20.90	21.11	21.02	22.00
3	64QAM	8	0	19.62	19.86	19.65	21.00
3	64QAM	8	4	19.55	19.76	19.52	21.00
3	64QAM	8	7	19.69	19.76	19.60	21.00
3	64QAM	15	0	19.67	19.80	19.70	21.00
3	256QAM	1	0	17.76	17.81	17.71	19.00
3	256QAM	1	8	17.74	17.79	17.60	19.00
3	256QAM	1	14	17.93	18.01	17.91	19.00
3	256QAM	8	0	17.66	17.85	17.67	19.00
3	256QAM	8	4	17.70	17.89	17.64	19.00
3	256QAM	8	7	17.89	18.15	18.02	19.00
3	256QAM	15	0	17.74	17.85	17.71	19.00
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.81	22.86	22.70	24.00
1.4	QPSK	1	3	22.58	22.70	22.55	24.00
1.4	QPSK	1	5	22.65	22.89	22.68	24.00
1.4	QPSK	3	0	22.78	22.85	22.80	24.00
1.4	QPSK	3	1	22.66	22.87	22.58	24.00
1.4	QPSK	3	3	22.69	22.77	22.63	24.00
1.4	QPSK	6	0	21.64	21.79	21.51	23.00
1.4	16QAM	1	0	21.73	21.99	21.84	23.00
1.4	16QAM	1	3	21.72	21.98	21.80	23.00
1.4	16QAM	1	5	22.09	22.17	21.97	23.00
1.4	16QAM	3	0	21.74	21.80	21.70	23.00
1.4	16QAM	3	1	21.60	21.75	21.63	23.00
1.4	16QAM	3	3	21.56	21.81	21.61	23.00
1.4	16QAM	6	0	20.54	20.72	20.51	22.00
1.4	64QAM	1	0	20.76	20.87	20.78	22.00
1.4	64QAM	1	3	20.83	20.80	20.69	22.00
1.4	64QAM	1	5	20.88	21.12	21.01	22.00
1.4	64QAM	3	0	20.62	20.78	20.69	22.00
1.4	64QAM	3	1	20.56	20.74	20.48	22.00
1.4	64QAM	3	3	20.69	20.73	20.69	22.00
1.4	64QAM	6	0	19.61	19.85	19.71	21.00
1.4	256QAM	1	0	17.72	17.75	17.72	19.00
1.4	256QAM	1	3	17.77	17.87	17.59	19.00
1.4	256QAM	1	5	17.90	18.03	17.97	19.00
1.4	256QAM	3	0	17.73	17.80	17.70	19.00
1.4	256QAM	3	1	17.72	17.79	17.71	19.00
1.4	256QAM	3	3	17.94	18.16	18.06	19.00
1.4	256QAM	6	0	17.74	17.84	17.70	19.00

【LTE Band 66_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.93	22.83	24.00
20	QPSK	1	49	22.62	22.80	22.57	24.00
20	QPSK	1	99	22.71	22.91	22.74	24.00
20	QPSK	50	0	21.84	21.96	21.84	23.00
20	QPSK	50	24	21.72	21.93	21.70	23.00
20	QPSK	50	50	21.80	21.91	21.73	23.00
20	QPSK	100	0	21.73	21.82	21.62	23.00
20	16QAM	1	0	21.84	22.02	21.90	23.00
20	16QAM	1	49	21.85	22.05	21.91	23.00
20	16QAM	1	99	22.12	22.19	22.04	23.00
20	16QAM	50	0	20.79	20.89	20.76	22.00
20	16QAM	50	24	20.73	20.87	20.70	22.00
20	16QAM	50	50	20.69	20.88	20.66	22.00
20	16QAM	100	0	20.65	20.83	20.61	22.00
20	64QAM	1	0	20.85	20.98	20.84	22.00
20	64QAM	1	49	20.85	20.94	20.77	22.00
20	64QAM	1	99	20.95	21.15	21.03	22.00
20	64QAM	50	0	19.75	19.89	19.76	21.00
20	64QAM	50	24	19.65	19.84	19.62	21.00
20	64QAM	50	50	19.80	19.88	19.73	21.00
20	64QAM	100	0	19.71	19.91	19.77	21.00
20	256QAM	1	0	17.82	17.89	17.79	19.00
20	256QAM	1	49	17.79	17.89	17.68	19.00
20	256QAM	1	99	17.99	18.14	18.04	19.00
20	256QAM	50	0	17.75	17.93	17.77	19.00
20	256QAM	50	24	17.81	17.94	17.73	19.00
20	256QAM	50	50	17.98	18.17	18.08	19.00
20	256QAM	100	0	17.85	17.93	17.74	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.78	22.85	22.76	24.00
15	QPSK	1	37	22.61	22.69	22.48	24.00
15	QPSK	1	74	22.61	22.85	22.66	24.00
15	QPSK	36	0	21.70	21.88	21.74	23.00
15	QPSK	36	20	21.71	21.85	21.66	23.00
15	QPSK	36	39	21.79	21.80	21.59	23.00
15	QPSK	75	0	21.71	21.80	21.59	23.00



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15	16QAM	1	0	21.76	21.99	21.80	23.00
15	16QAM	1	37	21.76	21.96	21.88	23.00
15	16QAM	1	74	22.07	22.10	21.98	23.00
15	16QAM	36	0	20.68	20.76	20.65	22.00
15	16QAM	36	20	20.65	20.73	20.61	22.00
15	16QAM	36	39	20.66	20.87	20.60	22.00
15	16QAM	75	0	20.60	20.73	20.56	22.00
15	64QAM	1	0	20.78	20.95	20.73	22.00
15	64QAM	1	37	20.71	20.85	20.69	22.00
15	64QAM	1	74	20.90	21.08	21.01	22.00
15	64QAM	36	0	19.61	19.78	19.71	21.00
15	64QAM	36	20	19.62	19.76	19.53	21.00
15	64QAM	36	39	19.77	19.77	19.68	21.00
15	64QAM	75	0	19.69	19.87	19.75	21.00
15	256QAM	1	0	17.78	17.85	17.75	19.00
15	256QAM	1	37	17.64	17.77	17.64	19.00
15	256QAM	1	74	17.95	18.03	18.01	19.00
15	256QAM	36	0	17.74	17.87	17.69	19.00
15	256QAM	36	20	17.71	17.86	17.67	19.00
15	256QAM	36	39	17.87	18.07	18.06	19.00
15	256QAM	75	0	17.73	17.79	17.62	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.73	22.89	22.75	24.00
10	QPSK	1	25	22.55	22.70	22.43	24.00
10	QPSK	1	49	22.68	22.80	22.63	24.00
10	QPSK	25	0	21.78	21.84	21.70	23.00
10	QPSK	25	12	21.66	21.79	21.66	23.00
10	QPSK	25	25	21.68	21.86	21.63	23.00
10	QPSK	50	0	21.59	21.73	21.61	23.00
10	16QAM	1	0	21.78	21.97	21.77	23.00
10	16QAM	1	25	21.83	21.99	21.82	23.00
10	16QAM	1	49	22.04	22.07	21.93	23.00
10	16QAM	25	0	20.77	20.83	20.64	22.00
10	16QAM	25	12	20.69	20.73	20.64	22.00
10	16QAM	25	25	20.55	20.76	20.64	22.00
10	16QAM	50	0	20.58	20.77	20.53	22.00
10	64QAM	1	0	20.75	20.86	20.81	22.00
10	64QAM	1	25	20.84	20.88	20.76	22.00
10	64QAM	1	49	20.88	21.00	20.89	22.00
10	64QAM	25	0	19.64	19.80	19.75	21.00
10	64QAM	25	12	19.57	19.73	19.50	21.00
10	64QAM	25	25	19.66	19.80	19.70	21.00
10	64QAM	50	0	19.66	19.82	19.66	21.00
10	256QAM	1	0	17.76	17.80	17.70	19.00
10	256QAM	1	25	17.68	17.85	17.60	19.00
10	256QAM	1	49	17.92	18.06	18.02	19.00
10	256QAM	25	0	17.61	17.80	17.66	19.00
10	256QAM	25	12	17.73	17.92	17.68	19.00
10	256QAM	25	25	17.91	18.03	17.97	19.00
10	256QAM	50	0	17.75	17.90	17.66	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.77	22.89	22.77	24.00
5	QPSK	1	12	22.58	22.73	22.54	24.00
5	QPSK	1	24	22.56	22.83	22.60	24.00
5	QPSK	12	0	21.80	21.89	21.82	23.00
5	QPSK	12	7	21.68	21.83	21.57	23.00
5	QPSK	12	13	21.68	21.85	21.69	23.00
5	QPSK	25	0	21.71	21.76	21.51	23.00
5	16QAM	1	0	21.78	21.91	21.79	23.00
5	16QAM	1	12	21.79	21.94	21.82	23.00
5	16QAM	1	24	22.09	22.10	21.91	23.00
5	16QAM	12	0	20.78	20.82	20.73	22.00
5	16QAM	12	7	20.60	20.83	20.61	22.00
5	16QAM	12	13	20.66	20.83	20.65	22.00
5	16QAM	25	0	20.60	20.71	20.57	22.00
5	64QAM	1	0	20.74	20.95	20.70	22.00
5	64QAM	1	12	20.81	20.86	20.70	22.00
5	64QAM	1	24	20.93	21.11	20.90	22.00
5	64QAM	12	0	19.64	19.81	19.61	21.00
5	64QAM	12	7	19.51	19.71	19.49	21.00
5	64QAM	12	13	19.77	19.82	19.72	21.00
5	64QAM	25	0	19.60	19.78	19.74	21.00
5	256QAM	1	0	17.77	17.86	17.74	19.00
5	256QAM	1	12	17.74	17.75	17.58	19.00
5	256QAM	1	24	17.97	18.07	18.00	19.00
5	256QAM	12	0	17.68	17.85	17.67	19.00



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5	256QAM	12	7	17.78	17.92	17.58	19.00
5	256QAM	12	13	17.90	18.05	18.05	19.00
5	256QAM	25	0	17.73	17.91	17.62	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.85	22.85	22.78	24.00
3	QPSK	1	8	22.57	22.68	22.52	24.00
3	QPSK	1	14	22.60	22.89	22.59	24.00
3	QPSK	8	0	21.82	21.89	21.81	23.00
3	QPSK	8	4	21.67	21.82	21.55	23.00
3	QPSK	8	7	21.72	21.81	21.58	23.00
3	QPSK	15	0	21.71	21.68	21.52	23.00
3	16QAM	1	0	21.71	21.89	21.88	23.00
3	16QAM	1	8	21.70	21.97	21.77	23.00
3	16QAM	1	14	22.03	22.14	22.01	23.00
3	16QAM	8	0	20.77	20.84	20.70	22.00
3	16QAM	8	4	20.70	20.82	20.65	22.00
3	16QAM	8	7	20.67	20.74	20.59	22.00
3	16QAM	15	0	20.63	20.76	20.59	22.00
3	64QAM	1	0	20.84	20.97	20.81	22.00
3	64QAM	1	8	20.75	20.81	20.72	22.00
3	64QAM	1	14	20.90	21.11	21.02	22.00
3	64QAM	8	0	19.62	19.86	19.65	21.00
3	64QAM	8	4	19.55	19.76	19.52	21.00
3	64QAM	8	7	19.69	19.76	19.60	21.00
3	64QAM	15	0	19.67	19.80	19.70	21.00
3	256QAM	1	0	17.76	17.81	17.71	19.00
3	256QAM	1	8	17.74	17.79	17.60	19.00
3	256QAM	1	14	17.93	18.01	17.91	19.00
3	256QAM	8	0	17.66	17.85	17.67	19.00
3	256QAM	8	4	17.70	17.89	17.64	19.00
3	256QAM	8	7	17.89	18.15	18.02	19.00
3	256QAM	15	0	17.74	17.85	17.71	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.81	22.86	22.70	24.00
1.4	QPSK	1	3	22.58	22.70	22.55	24.00
1.4	QPSK	1	5	22.65	22.89	22.68	24.00
1.4	QPSK	3	0	22.78	22.85	22.80	24.00
1.4	QPSK	3	1	22.66	22.87	22.58	24.00
1.4	QPSK	3	3	22.69	22.77	22.63	24.00
1.4	QPSK	6	0	21.64	21.79	21.51	23.00
1.4	16QAM	1	0	21.73	21.99	21.84	23.00
1.4	16QAM	1	3	21.72	21.98	21.80	23.00
1.4	16QAM	1	5	22.09	22.17	21.97	23.00
1.4	16QAM	3	0	21.74	21.80	21.70	23.00
1.4	16QAM	3	1	21.60	21.75	21.63	23.00
1.4	16QAM	3	3	21.56	21.81	21.61	23.00
1.4	16QAM	6	0	20.54	20.72	20.51	22.00
1.4	64QAM	1	0	20.76	20.87	20.78	22.00
1.4	64QAM	1	3	20.83	20.80	20.69	22.00
1.4	64QAM	1	5	20.88	21.12	21.01	22.00
1.4	64QAM	3	0	20.62	20.78	20.69	22.00
1.4	64QAM	3	1	20.56	20.74	20.48	22.00
1.4	64QAM	3	3	20.69	20.73	20.69	22.00
1.4	64QAM	6	0	19.61	19.85	19.71	21.00
1.4	256QAM	1	0	17.72	17.75	17.72	19.00
1.4	256QAM	1	3	17.77	17.87	17.59	19.00
1.4	256QAM	1	5	17.90	18.03	17.97	19.00
1.4	256QAM	3	0	17.73	17.80	17.70	19.00
1.4	256QAM	3	1	17.72	17.79	17.71	19.00
1.4	256QAM	3	3	17.94	18.16	18.06	19.00
1.4	256QAM	6	0	17.74	17.84	17.70	19.00

【LTE Band 66_Ant 4_Sensor off】

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	23.10	23.13	22.90	24.00
20	QPSK	1	49	22.62	22.71	22.36	24.00
20	QPSK	1	99	22.85	22.95	22.65	24.00



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20	QPSK	50	0	21.83	21.89	21.55	23.00
20	QPSK	50	24	21.78	21.84	21.56	23.00
20	QPSK	50	50	21.82	21.86	21.54	23.00
20	QPSK	100	0	21.70	21.80	21.51	23.00
20	16QAM	1	0	22.02	22.10	21.86	23.00
20	16QAM	1	49	21.82	21.99	21.72	23.00
20	16QAM	1	99	21.92	21.98	21.70	23.00
20	16QAM	50	0	20.75	20.89	20.58	22.00
20	16QAM	50	24	20.80	20.89	20.60	22.00
20	16QAM	50	50	20.62	20.80	20.51	22.00
20	16QAM	100	0	20.70	20.81	20.58	22.00
20	64QAM	1	0	21.01	21.05	20.81	22.00
20	64QAM	1	49	20.72	20.86	20.64	22.00
20	64QAM	1	99	20.86	20.95	20.69	22.00
20	64QAM	50	0	19.75	19.86	19.54	21.00
20	64QAM	50	24	19.69	19.81	19.46	21.00
20	64QAM	50	50	19.72	19.83	19.51	21.00
20	64QAM	100	0	19.74	19.82	19.50	21.00
20	256QAM	1	0	17.91	18.03	17.76	19.00
20	256QAM	1	49	17.80	17.92	17.62	19.00
20	256QAM	1	99	17.95	18.02	17.82	19.00
20	256QAM	50	0	17.70	17.86	17.54	19.00
20	256QAM	50	24	17.76	17.84	17.62	19.00
20	256QAM	50	50	17.81	17.87	17.58	19.00
20	256QAM	100	0	17.80	17.92	17.69	19.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	23.05	23.03	22.76	24.00
15	QPSK	1	37	22.53	22.69	22.33	24.00
15	QPSK	1	74	22.81	22.82	22.62	24.00
15	QPSK	36	0	21.74	21.74	21.53	23.00
15	QPSK	36	20	21.73	21.81	21.45	23.00
15	QPSK	36	39	21.78	21.84	21.51	23.00
15	QPSK	75	0	21.69	21.69	21.49	23.00
15	16QAM	1	0	21.89	21.99	21.76	23.00
15	16QAM	1	37	21.81	21.93	21.66	23.00
15	16QAM	1	74	21.82	21.89	21.67	23.00
15	16QAM	36	0	20.71	20.85	20.51	22.00
15	16QAM	36	20	20.65	20.83	20.54	22.00
15	16QAM	36	39	20.48	20.74	20.39	22.00
15	16QAM	75	0	20.66	20.80	20.43	22.00
15	64QAM	1	0	20.92	21.01	20.68	22.00
15	64QAM	1	37	20.61	20.83	20.60	22.00
15	64QAM	1	74	20.82	20.91	20.62	22.00
15	64QAM	36	0	19.74	19.81	19.47	21.00
15	64QAM	36	20	19.67	19.68	19.39	21.00
15	64QAM	36	39	19.60	19.71	19.47	21.00
15	64QAM	75	0	19.60	19.78	19.42	21.00
15	256QAM	1	0	17.82	17.97	17.63	19.00
15	256QAM	1	37	17.72	17.87	17.53	19.00
15	256QAM	1	74	17.83	17.97	17.73	19.00
15	256QAM	36	0	17.65	17.76	17.43	19.00
15	256QAM	36	20	17.70	17.71	17.60	19.00
15	256QAM	36	39	17.75	17.73	17.48	19.00
15	256QAM	75	0	17.74	17.89	17.65	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.99	23.02	22.76	24.00
10	QPSK	1	25	22.59	22.59	22.22	24.00
10	QPSK	1	49	22.76	22.93	22.58	24.00
10	QPSK	25	0	21.76	21.75	21.46	23.00
10	QPSK	25	12	21.64	21.79	21.53	23.00
10	QPSK	25	25	21.80	21.81	21.41	23.00
10	QPSK	50	0	21.56	21.68	21.47	23.00
10	16QAM	1	0	21.97	21.98	21.77	23.00
10	16QAM	1	25	21.67	21.88	21.67	23.00
10	16QAM	1	49	21.89	21.89	21.64	23.00
10	16QAM	25	0	20.69	20.86	20.47	22.00
10	16QAM	25	12	20.65	20.75	20.45	22.00
10	16QAM	25	25	20.60	20.73	20.41	22.00
10	16QAM	50	0	20.56	20.71	20.52	22.00
10	64QAM	1	0	20.99	20.92	20.78	22.00
10	64QAM	1	25	20.59	20.78	20.50	22.00
10	64QAM	1	49	20.85	20.84	20.64	22.00
10	64QAM	25	0	19.67	19.74	19.51	21.00
10	64QAM	25	12	19.59	19.77	19.43	21.00
10	64QAM	25	25	19.58	19.75	19.45	21.00
10	64QAM	50	0	19.67	19.76	19.42	21.00



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10	256QAM	1	0	17.86	17.91	17.68	19.00
10	256QAM	1	25	17.73	17.79	17.50	19.00
10	256QAM	1	49	17.85	17.88	17.70	19.00
10	256QAM	25	0	17.66	17.82	17.48	19.00
10	256QAM	25	12	17.66	17.69	17.60	19.00
10	256QAM	25	25	17.73	17.79	17.52	19.00
10	256QAM	50	0	17.65	17.85	17.66	19.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.03	23.08	22.85	24.00
5	QPSK	1	12	22.57	22.69	22.30	24.00
5	QPSK	1	24	22.76	22.86	22.51	24.00
5	QPSK	12	0	21.71	21.88	21.52	23.00
5	QPSK	12	7	21.66	21.74	21.51	23.00
5	QPSK	12	13	21.68	21.83	21.43	23.00
5	QPSK	25	0	21.65	21.71	21.40	23.00
5	16QAM	1	0	21.99	21.98	21.79	23.00
5	16QAM	1	12	21.73	21.89	21.62	23.00
5	16QAM	1	24	21.78	21.86	21.65	23.00
5	16QAM	12	0	20.70	20.75	20.43	22.00
5	16QAM	12	7	20.72	20.75	20.56	22.00
5	16QAM	12	13	20.53	20.74	20.37	22.00
5	16QAM	25	0	20.61	20.69	20.45	22.00
5	64QAM	1	0	20.96	20.91	20.77	22.00
5	64QAM	1	12	20.68	20.74	20.63	22.00
5	64QAM	1	24	20.76	20.89	20.65	22.00
5	64QAM	12	0	19.71	19.74	19.52	21.00
5	64QAM	12	7	19.65	19.78	19.36	21.00
5	64QAM	12	13	19.66	19.74	19.46	21.00
5	64QAM	25	0	19.62	19.79	19.40	21.00
5	256QAM	1	0	17.83	18.00	17.62	19.00
5	256QAM	1	12	17.68	17.89	17.49	19.00
5	256QAM	1	24	17.93	17.93	17.74	19.00
5	256QAM	12	0	17.67	17.72	17.49	19.00
5	256QAM	12	7	17.68	17.79	17.52	19.00
5	256QAM	12	13	17.80	17.77	17.57	19.00
5	256QAM	25	0	17.73	17.79	17.56	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.07	23.01	22.77	24.00
3	QPSK	1	8	22.57	22.57	22.29	24.00
3	QPSK	1	14	22.70	22.92	22.60	24.00
3	QPSK	8	0	21.80	21.83	21.47	23.00
3	QPSK	8	4	21.66	21.83	21.55	23.00
3	QPSK	8	7	21.68	21.72	21.46	23.00
3	QPSK	15	0	21.56	21.65	21.42	23.00
3	16QAM	1	0	21.96	22.07	21.76	23.00
3	16QAM	1	8	21.75	21.94	21.68	23.00
3	16QAM	1	14	21.86	21.89	21.58	23.00
3	16QAM	8	0	20.72	20.85	20.44	22.00
3	16QAM	8	4	20.67	20.87	20.51	22.00
3	16QAM	8	7	20.49	20.73	20.46	22.00
3	16QAM	15	0	20.64	20.74	20.56	22.00
3	64QAM	1	0	20.92	20.98	20.66	22.00
3	64QAM	1	8	20.67	20.80	20.50	22.00
3	64QAM	1	14	20.79	20.84	20.60	22.00
3	64QAM	8	0	19.64	19.74	19.51	21.00
3	64QAM	8	4	19.58	19.73	19.42	21.00
3	64QAM	8	7	19.61	19.74	19.44	21.00
3	64QAM	15	0	19.73	19.78	19.39	21.00
3	256QAM	1	0	17.88	17.91	17.74	19.00
3	256QAM	1	8	17.70	17.83	17.59	19.00
3	256QAM	1	14	17.88	17.99	17.79	19.00
3	256QAM	8	0	17.57	17.78	17.47	19.00
3	256QAM	8	4	17.67	17.74	17.57	19.00
3	256QAM	8	7	17.67	17.81	17.44	19.00
3	256QAM	15	0	17.78	17.82	17.62	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.04	23.02	22.83	24.00
1.4	QPSK	1	3	22.47	22.64	22.26	24.00
1.4	QPSK	1	5	22.79	22.81	22.53	24.00
1.4	QPSK	3	0	22.68	22.78	22.47	24.00
1.4	QPSK	3	1	22.75	22.72	22.54	24.00
1.4	QPSK	3	3	22.71	22.83	22.45	24.00
1.4	QPSK	6	0	21.56	21.72	21.36	23.00
1.4	16QAM	1	0	21.93	22.07	21.80	23.00
1.4	16QAM	1	3	21.73	21.93	21.65	23.00



1.4	16QAM	1	5	21.79	21.96	21.64	23.00
1.4	16QAM	3	0	21.68	21.79	21.52	23.00
1.4	16QAM	3	1	21.78	21.77	21.58	23.00
1.4	16QAM	3	3	21.59	21.70	21.38	23.00
1.4	16QAM	6	0	20.60	20.67	20.51	22.00
1.4	64QAM	1	0	20.87	20.98	20.70	22.00
1.4	64QAM	1	3	20.60	20.76	20.53	22.00
1.4	64QAM	1	5	20.81	20.90	20.66	22.00
1.4	64QAM	3	0	20.65	20.83	20.48	22.00
1.4	64QAM	3	1	20.66	20.72	20.33	22.00
1.4	64QAM	3	3	20.60	20.78	20.47	22.00
1.4	64QAM	6	0	19.73	19.69	19.40	21.00
1.4	256QAM	1	0	17.86	17.91	17.71	19.00
1.4	256QAM	1	3	17.71	17.81	17.55	19.00
1.4	256QAM	1	5	17.87	17.90	17.69	19.00
1.4	256QAM	3	0	17.60	17.83	17.52	19.00
1.4	256QAM	3	1	17.62	17.81	17.57	19.00
1.4	256QAM	3	3	17.66	17.76	17.57	19.00
1.4	256QAM	6	0	17.78	17.87	17.62	19.00

【LTE Band 66_Ant 4_Full Power】

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	23.10	23.13	22.90	24.00
20	QPSK	1	49	22.62	22.71	22.36	24.00
20	QPSK	1	99	22.85	22.95	22.65	24.00
20	QPSK	50	0	21.83	21.89	21.55	23.00
20	QPSK	50	24	21.78	21.84	21.56	23.00
20	QPSK	50	50	21.82	21.86	21.54	23.00
20	QPSK	100	0	21.70	21.80	21.51	23.00
20	16QAM	1	0	22.02	22.10	21.86	23.00
20	16QAM	1	49	21.82	21.99	21.72	23.00
20	16QAM	1	99	21.92	21.98	21.70	23.00
20	16QAM	50	0	20.75	20.89	20.58	22.00
20	16QAM	50	24	20.80	20.89	20.60	22.00
20	16QAM	50	50	20.62	20.80	20.51	22.00
20	16QAM	100	0	20.70	20.81	20.58	22.00
20	64QAM	1	0	21.01	21.05	20.81	22.00
20	64QAM	1	49	20.72	20.86	20.64	22.00
20	64QAM	1	99	20.86	20.95	20.69	22.00
20	64QAM	50	0	19.75	19.86	19.54	21.00
20	64QAM	50	24	19.69	19.81	19.46	21.00
20	64QAM	50	50	19.72	19.83	19.51	21.00
20	64QAM	100	0	19.74	19.82	19.50	21.00
20	256QAM	1	0	17.91	18.03	17.76	19.00
20	256QAM	1	49	17.80	17.92	17.62	19.00
20	256QAM	1	99	17.95	18.02	17.82	19.00
20	256QAM	50	0	17.70	17.86	17.54	19.00
20	256QAM	50	24	17.76	17.84	17.62	19.00
20	256QAM	50	50	17.81	17.87	17.58	19.00
20	256QAM	100	0	17.80	17.92	17.69	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.05	23.03	22.76	24.00
15	QPSK	1	37	22.53	22.69	22.33	24.00
15	QPSK	1	74	22.81	22.82	22.62	24.00
15	QPSK	36	0	21.74	21.74	21.53	23.00
15	QPSK	36	20	21.73	21.81	21.45	23.00
15	QPSK	36	39	21.78	21.84	21.51	23.00
15	QPSK	75	0	21.69	21.69	21.49	23.00
15	16QAM	1	0	21.89	21.99	21.76	23.00
15	16QAM	1	37	21.81	21.93	21.66	23.00
15	16QAM	1	74	21.82	21.89	21.67	23.00
15	16QAM	36	0	20.71	20.85	20.51	22.00
15	16QAM	36	20	20.65	20.83	20.54	22.00
15	16QAM	36	39	20.48	20.74	20.39	22.00
15	16QAM	75	0	20.66	20.80	20.43	22.00
15	64QAM	1	0	20.92	21.01	20.68	22.00
15	64QAM	1	37	20.61	20.83	20.60	22.00
15	64QAM	1	74	20.82	20.91	20.62	22.00



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15	64QAM	36	0	19.74	19.81	19.47	21.00
15	64QAM	36	20	19.67	19.68	19.39	21.00
15	64QAM	36	39	19.60	19.71	19.47	21.00
15	64QAM	75	0	19.60	19.78	19.42	21.00
15	256QAM	1	0	17.82	17.97	17.63	19.00
15	256QAM	1	37	17.72	17.87	17.53	19.00
15	256QAM	1	74	17.83	17.97	17.73	19.00
15	256QAM	36	0	17.65	17.76	17.43	19.00
15	256QAM	36	20	17.70	17.71	17.60	19.00
15	256QAM	36	39	17.75	17.73	17.48	19.00
15	256QAM	75	0	17.74	17.89	17.65	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.99	23.02	22.76	24.00
10	QPSK	1	25	22.59	22.59	22.22	24.00
10	QPSK	1	49	22.76	22.93	22.58	24.00
10	QPSK	25	0	21.76	21.75	21.46	23.00
10	QPSK	25	12	21.64	21.79	21.53	23.00
10	QPSK	25	25	21.80	21.81	21.41	23.00
10	QPSK	50	0	21.56	21.68	21.47	23.00
10	16QAM	1	0	21.97	21.98	21.77	23.00
10	16QAM	1	25	21.67	21.88	21.67	23.00
10	16QAM	1	49	21.89	21.89	21.64	23.00
10	16QAM	25	0	20.69	20.86	20.47	22.00
10	16QAM	25	12	20.65	20.75	20.45	22.00
10	16QAM	25	25	20.60	20.73	20.41	22.00
10	16QAM	50	0	20.56	20.71	20.52	22.00
10	64QAM	1	0	20.99	20.92	20.78	22.00
10	64QAM	1	25	20.59	20.78	20.50	22.00
10	64QAM	1	49	20.85	20.84	20.64	22.00
10	64QAM	25	0	19.67	19.74	19.51	21.00
10	64QAM	25	12	19.59	19.77	19.43	21.00
10	64QAM	25	25	19.58	19.75	19.45	21.00
10	64QAM	50	0	19.67	19.76	19.42	21.00
10	256QAM	1	0	17.86	17.91	17.68	19.00
10	256QAM	1	25	17.73	17.79	17.50	19.00
10	256QAM	1	49	17.85	17.88	17.70	19.00
10	256QAM	25	0	17.66	17.82	17.48	19.00
10	256QAM	25	12	17.66	17.69	17.60	19.00
10	256QAM	25	25	17.73	17.79	17.52	19.00
10	256QAM	50	0	17.65	17.85	17.66	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.03	23.08	22.85	24.00
5	QPSK	1	12	22.57	22.69	22.30	24.00
5	QPSK	1	24	22.76	22.86	22.51	24.00
5	QPSK	12	0	21.71	21.88	21.52	23.00
5	QPSK	12	7	21.66	21.74	21.51	23.00
5	QPSK	12	13	21.68	21.83	21.43	23.00
5	QPSK	25	0	21.65	21.71	21.40	23.00
5	16QAM	1	0	21.99	21.98	21.79	23.00
5	16QAM	1	12	21.73	21.89	21.62	23.00
5	16QAM	1	24	21.78	21.86	21.65	23.00
5	16QAM	12	0	20.70	20.75	20.43	22.00
5	16QAM	12	7	20.72	20.75	20.56	22.00
5	16QAM	12	13	20.53	20.74	20.37	22.00
5	16QAM	25	0	20.61	20.69	20.45	22.00
5	64QAM	1	0	20.96	20.91	20.77	22.00
5	64QAM	1	12	20.68	20.74	20.63	22.00
5	64QAM	1	24	20.76	20.89	20.65	22.00
5	64QAM	12	0	19.71	19.74	19.52	21.00
5	64QAM	12	7	19.65	19.78	19.36	21.00
5	64QAM	12	13	19.66	19.74	19.46	21.00
5	64QAM	25	0	19.62	19.79	19.40	21.00
5	256QAM	1	0	17.83	18.00	17.62	19.00
5	256QAM	1	12	17.68	17.89	17.49	19.00
5	256QAM	1	24	17.93	17.93	17.74	19.00
5	256QAM	12	0	17.67	17.72	17.49	19.00
5	256QAM	12	7	17.68	17.79	17.52	19.00
5	256QAM	12	13	17.80	17.77	17.57	19.00
5	256QAM	25	0	17.73	17.79	17.56	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.07	23.01	22.77	24.00
3	QPSK	1	8	22.57	22.57	22.29	24.00
3	QPSK	1	14	22.70	22.92	22.60	24.00
3	QPSK	8	0	21.80	21.83	21.47	23.00
3	QPSK	8	4	21.66	21.83	21.55	23.00



3	QPSK	8	7	21.68	21.72	21.46	23.00
3	QPSK	15	0	21.56	21.65	21.42	23.00
3	16QAM	1	0	21.96	22.07	21.76	23.00
3	16QAM	1	8	21.75	21.94	21.68	23.00
3	16QAM	1	14	21.86	21.89	21.58	23.00
3	16QAM	8	0	20.72	20.85	20.44	22.00
3	16QAM	8	4	20.67	20.87	20.51	22.00
3	16QAM	8	7	20.49	20.73	20.46	22.00
3	16QAM	15	0	20.64	20.74	20.56	22.00
3	64QAM	1	0	20.92	20.98	20.66	22.00
3	64QAM	1	8	20.67	20.80	20.50	22.00
3	64QAM	1	14	20.79	20.84	20.60	22.00
3	64QAM	8	0	19.64	19.74	19.51	21.00
3	64QAM	8	4	19.58	19.73	19.42	21.00
3	64QAM	8	7	19.61	19.74	19.44	21.00
3	64QAM	15	0	19.73	19.78	19.39	21.00
3	256QAM	1	0	17.88	17.91	17.74	19.00
3	256QAM	1	8	17.70	17.83	17.59	19.00
3	256QAM	1	14	17.88	17.99	17.79	19.00
3	256QAM	8	0	17.57	17.78	17.47	19.00
3	256QAM	8	4	17.67	17.74	17.57	19.00
3	256QAM	8	7	17.67	17.81	17.44	19.00
3	256QAM	15	0	17.78	17.82	17.62	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.04	23.02	22.83	24.00
1.4	QPSK	1	3	22.47	22.64	22.26	24.00
1.4	QPSK	1	5	22.79	22.81	22.53	24.00
1.4	QPSK	3	0	22.68	22.78	22.47	24.00
1.4	QPSK	3	1	22.75	22.72	22.54	24.00
1.4	QPSK	3	3	22.71	22.83	22.45	24.00
1.4	QPSK	6	0	21.56	21.72	21.36	23.00
1.4	16QAM	1	0	21.93	22.07	21.80	23.00
1.4	16QAM	1	3	21.73	21.93	21.65	23.00
1.4	16QAM	1	5	21.79	21.96	21.64	23.00
1.4	16QAM	3	0	21.68	21.79	21.52	23.00
1.4	16QAM	3	1	21.78	21.77	21.58	23.00
1.4	16QAM	3	3	21.59	21.70	21.38	23.00
1.4	16QAM	6	0	20.60	20.67	20.51	22.00
1.4	64QAM	1	0	20.87	20.98	20.70	22.00
1.4	64QAM	1	3	20.60	20.76	20.53	22.00
1.4	64QAM	1	5	20.81	20.90	20.66	22.00
1.4	64QAM	3	0	20.65	20.83	20.48	22.00
1.4	64QAM	3	1	20.66	20.72	20.33	22.00
1.4	64QAM	3	3	20.60	20.78	20.47	22.00
1.4	64QAM	6	0	19.73	19.69	19.40	21.00
1.4	256QAM	1	0	17.86	17.91	17.71	19.00
1.4	256QAM	1	3	17.71	17.81	17.55	19.00
1.4	256QAM	1	5	17.87	17.90	17.69	19.00
1.4	256QAM	3	0	17.60	17.83	17.52	19.00
1.4	256QAM	3	1	17.62	17.81	17.57	19.00
1.4	256QAM	3	3	17.66	17.76	17.57	19.00
1.4	256QAM	6	0	17.78	17.87	17.62	19.00

【LTE Band 66_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.12	19.21	19.17	20.00
20	QPSK	1	49	19.19	19.07	18.85	20.00
20	QPSK	1	99	19.06	19.12	18.97	20.00
20	QPSK	50	0	18.99	19.20	18.86	20.00
20	QPSK	50	24	19.19	19.12	18.87	20.00
20	QPSK	50	50	19.18	19.12	18.80	20.00
20	QPSK	100	0	18.99	19.12	18.84	20.00
20	16QAM	1	0	19.21	19.18	18.97	20.00
20	16QAM	1	49	19.13	19.12	18.84	20.00
20	16QAM	1	99	19.12	19.06	18.97	20.00
20	16QAM	50	0	19.16	19.24	18.99	20.00
20	16QAM	50	24	19.05	19.06	19.02	20.00
20	16QAM	50	50	19.03	19.19	19.00	20.00



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20	16QAM	100	0	18.98	19.14	18.89	20.00
20	64QAM	1	0	19.21	19.12	18.79	20.00
20	64QAM	1	49	19.03	19.14	19.00	20.00
20	64QAM	1	99	19.08	19.07	18.89	20.00
20	64QAM	50	0	19.06	19.12	19.01	20.00
20	64QAM	50	24	19.03	19.24	18.80	20.00
20	64QAM	50	50	19.22	19.22	18.79	20.00
20	64QAM	100	0	18.98	19.18	18.96	20.00
20	256QAM	1	0	17.91	18.03	17.76	19.00
20	256QAM	1	49	17.80	17.92	17.62	19.00
20	256QAM	1	99	17.95	18.02	17.82	19.00
20	256QAM	50	0	17.70	17.86	17.54	19.00
20	256QAM	50	24	17.76	17.84	17.62	19.00
20	256QAM	50	50	17.81	17.87	17.58	19.00
20	256QAM	100	0	17.80	17.92	17.69	19.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	19.07	19.20	19.07	20.00
15	QPSK	1	37	19.12	18.93	18.80	20.00
15	QPSK	1	74	18.93	19.07	18.88	20.00
15	QPSK	36	0	18.90	19.17	18.79	20.00
15	QPSK	36	20	19.06	18.99	18.81	20.00
15	QPSK	36	39	19.07	19.04	18.66	20.00
15	QPSK	75	0	18.91	18.98	18.71	20.00
15	16QAM	1	0	19.11	19.08	18.85	20.00
15	16QAM	1	37	19.10	19.07	18.83	20.00
15	16QAM	1	74	19.03	19.02	18.91	20.00
15	16QAM	36	0	19.02	19.20	18.95	20.00
15	16QAM	36	20	19.03	19.02	18.90	20.00
15	16QAM	36	39	18.98	19.13	18.97	20.00
15	16QAM	75	0	18.93	19.02	18.76	20.00
15	64QAM	1	0	19.07	19.03	18.77	20.00
15	64QAM	1	37	18.96	19.11	18.96	20.00
15	64QAM	1	74	18.94	18.99	18.74	20.00
15	64QAM	36	0	19.02	19.00	18.91	20.00
15	64QAM	36	20	19.00	19.12	18.71	20.00
15	64QAM	36	39	19.12	19.09	18.65	20.00
15	64QAM	75	0	18.93	19.14	18.87	20.00
15	256QAM	1	0	17.79	17.90	17.72	19.00
15	256QAM	1	37	17.66	17.81	17.54	19.00
15	256QAM	1	74	17.81	18.01	17.76	19.00
15	256QAM	36	0	17.68	17.78	17.42	19.00
15	256QAM	36	20	17.63	17.81	17.59	19.00
15	256QAM	36	39	17.73	17.81	17.46	19.00
15	256QAM	75	0	17.76	17.78	17.64	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.02	19.08	19.07	20.00
10	QPSK	1	25	19.12	18.97	18.71	20.00
10	QPSK	1	49	19.03	19.10	18.95	20.00
10	QPSK	25	0	18.97	19.15	18.84	20.00
10	QPSK	25	12	19.06	19.07	18.77	20.00
10	QPSK	25	25	19.12	19.03	18.69	20.00
10	QPSK	50	0	18.93	19.10	18.79	20.00
10	16QAM	1	0	19.07	19.07	18.83	20.00
10	16QAM	1	25	19.08	19.08	18.75	20.00
10	16QAM	1	49	19.01	19.05	18.89	20.00
10	16QAM	25	0	19.04	19.21	18.96	20.00
10	16QAM	25	12	19.01	18.95	18.94	20.00
10	16QAM	25	25	19.00	19.12	18.89	20.00
10	16QAM	50	0	18.87	19.01	18.74	20.00
10	64QAM	1	0	19.08	18.99	18.67	20.00
10	64QAM	1	25	18.94	19.09	18.94	20.00
10	64QAM	1	49	19.02	19.04	18.78	20.00
10	64QAM	25	0	18.92	18.99	18.91	20.00
10	64QAM	25	12	19.00	19.18	18.73	20.00
10	64QAM	25	25	19.10	19.19	18.77	20.00
10	64QAM	50	0	18.96	19.12	18.87	20.00
10	256QAM	1	0	17.82	18.02	17.62	19.00
10	256QAM	1	25	17.73	17.86	17.56	19.00
10	256QAM	1	49	17.87	18.00	17.72	19.00
10	256QAM	25	0	17.57	17.71	17.44	19.00
10	256QAM	25	12	17.68	17.82	17.61	19.00
10	256QAM	25	25	17.71	17.82	17.52	19.00
10	256QAM	50	0	17.77	17.77	17.63	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.07	19.13	19.03	20.00



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5	QPSK	1	12	19.08	18.98	18.81	20.00
5	QPSK	1	24	18.95	19.05	18.87	20.00
5	QPSK	12	0	18.94	19.13	18.81	20.00
5	QPSK	12	7	19.11	19.07	18.84	20.00
5	QPSK	12	13	19.06	19.10	18.77	20.00
5	QPSK	25	0	18.85	18.98	18.75	20.00
5	16QAM	1	0	19.10	19.15	18.95	20.00
5	16QAM	1	12	19.07	19.04	18.82	20.00
5	16QAM	1	24	19.00	18.93	18.92	20.00
5	16QAM	12	0	19.11	19.10	18.98	20.00
5	16QAM	12	7	19.02	18.94	18.96	20.00
5	16QAM	12	13	19.01	19.06	18.89	20.00
5	16QAM	25	0	18.92	19.12	18.80	20.00
5	64QAM	1	0	19.10	19.11	18.75	20.00
5	64QAM	1	12	18.97	19.08	18.96	20.00
5	64QAM	1	24	19.03	19.04	18.78	20.00
5	64QAM	12	0	18.97	19.01	18.93	20.00
5	64QAM	12	7	18.89	19.19	18.68	20.00
5	64QAM	12	13	19.11	19.20	18.71	20.00
5	64QAM	25	0	18.91	19.10	18.85	20.00
5	256QAM	1	0	17.87	17.91	17.64	19.00
5	256QAM	1	12	17.71	17.82	17.56	19.00
5	256QAM	1	24	17.81	17.90	17.73	19.00
5	256QAM	12	0	17.60	17.82	17.40	19.00
5	256QAM	12	7	17.66	17.73	17.50	19.00
5	256QAM	12	13	17.80	17.78	17.49	19.00
5	256QAM	25	0	17.68	17.85	17.65	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.00	19.15	19.11	20.00
3	QPSK	1	8	19.12	19.00	18.74	20.00
3	QPSK	1	14	18.92	18.99	18.87	20.00
3	QPSK	8	0	18.88	19.06	18.82	20.00
3	QPSK	8	4	19.12	19.05	18.73	20.00
3	QPSK	8	7	19.10	19.10	18.75	20.00
3	QPSK	15	0	18.91	19.08	18.81	20.00
3	16QAM	1	0	19.11	19.06	18.93	20.00
3	16QAM	1	8	19.02	19.08	18.76	20.00
3	16QAM	1	14	19.04	18.97	18.86	20.00
3	16QAM	8	0	19.11	19.09	18.86	20.00
3	16QAM	8	4	18.94	19.02	18.94	20.00
3	16QAM	8	7	18.99	19.12	18.91	20.00
3	16QAM	15	0	18.94	19.11	18.85	20.00
3	64QAM	1	0	19.11	18.99	18.64	20.00
3	64QAM	1	8	19.02	19.12	18.86	20.00
3	64QAM	1	14	19.06	18.99	18.79	20.00
3	64QAM	8	0	19.02	19.01	18.89	20.00
3	64QAM	8	4	18.98	19.20	18.73	20.00
3	64QAM	8	7	19.11	19.19	18.71	20.00
3	64QAM	15	0	18.92	19.11	18.95	20.00
3	256QAM	1	0	17.88	17.98	17.74	19.00
3	256QAM	1	8	17.70	17.79	17.54	19.00
3	256QAM	1	14	17.89	17.97	17.75	19.00
3	256QAM	8	0	17.67	17.76	17.45	19.00
3	256QAM	8	4	17.67	17.76	17.54	19.00
3	256QAM	8	7	17.67	17.79	17.49	19.00
3	256QAM	15	0	17.77	17.78	17.65	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.07	19.15	19.07	20.00
1.4	QPSK	1	3	19.12	18.96	18.71	20.00
1.4	QPSK	1	5	18.95	18.98	18.94	20.00
1.4	QPSK	3	0	18.91	19.16	18.73	20.00
1.4	QPSK	3	1	19.08	19.04	18.81	20.00
1.4	QPSK	3	3	19.06	19.04	18.71	20.00
1.4	QPSK	6	0	18.85	19.02	18.80	20.00
1.4	16QAM	1	0	19.11	19.03	18.93	20.00
1.4	16QAM	1	3	19.10	19.11	18.75	20.00
1.4	16QAM	1	5	19.10	18.95	18.89	20.00
1.4	16QAM	3	0	19.08	19.20	18.93	20.00
1.4	16QAM	3	1	18.92	18.98	18.94	20.00
1.4	16QAM	3	3	18.91	19.09	18.97	20.00
1.4	16QAM	6	0	18.90	18.99	18.84	20.00
1.4	64QAM	1	0	19.10	19.05	18.77	20.00
1.4	64QAM	1	3	18.90	19.12	18.94	20.00
1.4	64QAM	1	5	19.04	19.05	18.83	20.00
1.4	64QAM	3	0	19.00	19.03	18.92	20.00
1.4	64QAM	3	1	19.02	19.14	18.73	20.00



1.4	64QAM	3	3	19.12	19.14	18.71	20.00
1.4	64QAM	6	0	18.92	19.11	18.93	20.00
1.4	256QAM	1	0	17.77	17.98	17.74	19.00
1.4	256QAM	1	3	17.71	17.82	17.51	19.00
1.4	256QAM	1	5	17.88	17.93	17.70	19.00
1.4	256QAM	3	0	17.66	17.73	17.39	19.00
1.4	256QAM	3	1	17.63	17.81	17.50	19.00
1.4	256QAM	3	3	17.75	17.75	17.47	19.00
1.4	256QAM	6	0	17.76	17.89	17.65	19.00

【LTE Band 66_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.12	19.21	19.17	20.00
20	QPSK	1	49	19.19	19.07	18.85	20.00
20	QPSK	1	99	19.06	19.12	18.97	20.00
20	QPSK	50	0	18.99	19.20	18.86	20.00
20	QPSK	50	24	19.19	19.12	18.87	20.00
20	QPSK	50	50	19.18	19.12	18.80	20.00
20	QPSK	100	0	18.99	19.12	18.84	20.00
20	16QAM	1	0	19.21	19.18	18.97	20.00
20	16QAM	1	49	19.13	19.12	18.84	20.00
20	16QAM	1	99	19.12	19.06	18.97	20.00
20	16QAM	50	0	19.16	19.24	18.99	20.00
20	16QAM	50	24	19.05	19.06	19.02	20.00
20	16QAM	50	50	19.03	19.19	19.00	20.00
20	16QAM	100	0	18.98	19.14	18.89	20.00
20	64QAM	1	0	19.21	19.12	18.79	20.00
20	64QAM	1	49	19.03	19.14	19.00	20.00
20	64QAM	1	99	19.08	19.07	18.89	20.00
20	64QAM	50	0	19.06	19.12	19.01	20.00
20	64QAM	50	24	19.03	19.24	18.80	20.00
20	64QAM	50	50	19.22	19.22	18.79	20.00
20	64QAM	100	0	18.98	19.18	18.96	20.00
20	256QAM	1	0	17.91	18.03	17.76	19.00
20	256QAM	1	49	17.80	17.92	17.62	19.00
20	256QAM	1	99	17.95	18.02	17.82	19.00
20	256QAM	50	0	17.70	17.86	17.54	19.00
20	256QAM	50	24	17.76	17.84	17.62	19.00
20	256QAM	50	50	17.81	17.87	17.58	19.00
20	256QAM	100	0	17.80	17.92	17.69	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.07	19.20	19.07	20.00
15	QPSK	1	37	19.12	18.93	18.80	20.00
15	QPSK	1	74	18.93	19.07	18.88	20.00
15	QPSK	36	0	18.90	19.17	18.79	20.00
15	QPSK	36	20	19.06	18.99	18.81	20.00
15	QPSK	36	39	19.07	19.04	18.66	20.00
15	QPSK	75	0	18.91	18.98	18.71	20.00
15	16QAM	1	0	19.11	19.08	18.85	20.00
15	16QAM	1	37	19.10	19.07	18.83	20.00
15	16QAM	1	74	19.03	19.02	18.91	20.00
15	16QAM	36	0	19.02	19.20	18.95	20.00
15	16QAM	36	20	19.03	19.02	18.90	20.00
15	16QAM	36	39	18.98	19.13	18.97	20.00
15	16QAM	75	0	18.93	19.02	18.76	20.00
15	64QAM	1	0	19.07	19.03	18.77	20.00
15	64QAM	1	37	18.96	19.11	18.96	20.00
15	64QAM	1	74	18.94	18.99	18.74	20.00
15	64QAM	36	0	19.02	19.00	18.91	20.00
15	64QAM	36	20	19.00	19.12	18.71	20.00
15	64QAM	36	39	19.12	19.09	18.65	20.00
15	64QAM	75	0	18.93	19.14	18.87	20.00
15	256QAM	1	0	17.79	17.90	17.72	19.00
15	256QAM	1	37	17.66	17.81	17.54	19.00
15	256QAM	1	74	17.81	18.01	17.76	19.00
15	256QAM	36	0	17.68	17.78	17.42	19.00
15	256QAM	36	20	17.63	17.81	17.59	19.00
15	256QAM	36	39	17.73	17.81	17.46	19.00



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15	256QAM	75	0	17.76	17.78	17.64	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.02	19.08	19.07	20.00
10	QPSK	1	25	19.12	18.97	18.71	20.00
10	QPSK	1	49	19.03	19.10	18.95	20.00
10	QPSK	25	0	18.97	19.15	18.84	20.00
10	QPSK	25	12	19.06	19.07	18.77	20.00
10	QPSK	25	25	19.12	19.03	18.69	20.00
10	QPSK	50	0	18.93	19.10	18.79	20.00
10	16QAM	1	0	19.07	19.07	18.83	20.00
10	16QAM	1	25	19.08	19.08	18.75	20.00
10	16QAM	1	49	19.01	19.05	18.89	20.00
10	16QAM	25	0	19.04	19.21	18.96	20.00
10	16QAM	25	12	19.01	18.95	18.94	20.00
10	16QAM	25	25	19.00	19.12	18.89	20.00
10	16QAM	50	0	18.87	19.01	18.74	20.00
10	64QAM	1	0	19.08	18.99	18.67	20.00
10	64QAM	1	25	18.94	19.09	18.94	20.00
10	64QAM	1	49	19.02	19.04	18.78	20.00
10	64QAM	25	0	18.92	18.99	18.91	20.00
10	64QAM	25	12	19.00	19.18	18.73	20.00
10	64QAM	25	25	19.10	19.19	18.77	20.00
10	64QAM	50	0	18.96	19.12	18.87	20.00
10	256QAM	1	0	17.82	18.02	17.62	19.00
10	256QAM	1	25	17.73	17.86	17.56	19.00
10	256QAM	1	49	17.87	18.00	17.72	19.00
10	256QAM	25	0	17.57	17.71	17.44	19.00
10	256QAM	25	12	17.68	17.82	17.61	19.00
10	256QAM	25	25	17.71	17.82	17.52	19.00
10	256QAM	50	0	17.77	17.77	17.63	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.07	19.13	19.03	20.00
5	QPSK	1	12	19.08	18.98	18.81	20.00
5	QPSK	1	24	18.95	19.05	18.87	20.00
5	QPSK	12	0	18.94	19.13	18.81	20.00
5	QPSK	12	7	19.11	19.07	18.84	20.00
5	QPSK	12	13	19.06	19.10	18.77	20.00
5	QPSK	25	0	18.85	18.98	18.75	20.00
5	16QAM	1	0	19.10	19.15	18.95	20.00
5	16QAM	1	12	19.07	19.04	18.82	20.00
5	16QAM	1	24	19.00	18.93	18.92	20.00
5	16QAM	12	0	19.11	19.10	18.98	20.00
5	16QAM	12	7	19.02	18.94	18.96	20.00
5	16QAM	12	13	19.01	19.06	18.89	20.00
5	16QAM	25	0	18.92	19.12	18.80	20.00
5	64QAM	1	0	19.10	19.11	18.75	20.00
5	64QAM	1	12	18.97	19.08	18.96	20.00
5	64QAM	1	24	19.03	19.04	18.78	20.00
5	64QAM	12	0	18.97	19.01	18.93	20.00
5	64QAM	12	7	18.89	19.19	18.68	20.00
5	64QAM	12	13	19.11	19.20	18.71	20.00
5	64QAM	25	0	18.91	19.10	18.85	20.00
5	256QAM	1	0	17.87	17.91	17.64	19.00
5	256QAM	1	12	17.71	17.82	17.56	19.00
5	256QAM	1	24	17.81	17.90	17.73	19.00
5	256QAM	12	0	17.60	17.82	17.40	19.00
5	256QAM	12	7	17.66	17.73	17.50	19.00
5	256QAM	12	13	17.80	17.78	17.49	19.00
5	256QAM	25	0	17.68	17.85	17.65	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.00	19.15	19.11	20.00
3	QPSK	1	8	19.12	19.00	18.74	20.00
3	QPSK	1	14	18.92	18.99	18.87	20.00
3	QPSK	8	0	18.88	19.06	18.82	20.00
3	QPSK	8	4	19.12	19.05	18.73	20.00
3	QPSK	8	7	19.10	19.10	18.75	20.00
3	QPSK	15	0	18.91	19.08	18.81	20.00
3	16QAM	1	0	19.11	19.06	18.93	20.00
3	16QAM	1	8	19.02	19.08	18.76	20.00
3	16QAM	1	14	19.04	18.97	18.86	20.00
3	16QAM	8	0	19.11	19.09	18.86	20.00
3	16QAM	8	4	18.94	19.02	18.94	20.00
3	16QAM	8	7	18.99	19.12	18.91	20.00
3	16QAM	15	0	18.94	19.11	18.85	20.00
3	64QAM	1	0	19.11	18.99	18.64	20.00



3	64QAM	1	8	19.02	19.12	18.86	20.00
3	64QAM	1	14	19.06	18.99	18.79	20.00
3	64QAM	8	0	19.02	19.01	18.89	20.00
3	64QAM	8	4	18.98	19.20	18.73	20.00
3	64QAM	8	7	19.11	19.19	18.71	20.00
3	64QAM	15	0	18.92	19.11	18.95	20.00
3	256QAM	1	0	17.88	17.98	17.74	19.00
3	256QAM	1	8	17.70	17.79	17.54	19.00
3	256QAM	1	14	17.89	17.97	17.75	19.00
3	256QAM	8	0	17.67	17.76	17.45	19.00
3	256QAM	8	4	17.67	17.76	17.54	19.00
3	256QAM	8	7	17.67	17.79	17.49	19.00
3	256QAM	15	0	17.77	17.78	17.65	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.07	19.15	19.07	20.00
1.4	QPSK	1	3	19.12	18.96	18.71	20.00
1.4	QPSK	1	5	18.95	18.98	18.94	20.00
1.4	QPSK	3	0	18.91	19.16	18.73	20.00
1.4	QPSK	3	1	19.08	19.04	18.81	20.00
1.4	QPSK	3	3	19.06	19.04	18.71	20.00
1.4	QPSK	6	0	18.85	19.02	18.80	20.00
1.4	16QAM	1	0	19.11	19.03	18.93	20.00
1.4	16QAM	1	3	19.10	19.11	18.75	20.00
1.4	16QAM	1	5	19.10	18.95	18.89	20.00
1.4	16QAM	3	0	19.08	19.20	18.93	20.00
1.4	16QAM	3	1	18.92	18.98	18.94	20.00
1.4	16QAM	3	3	18.91	19.09	18.97	20.00
1.4	16QAM	6	0	18.90	18.99	18.84	20.00
1.4	64QAM	1	0	19.10	19.05	18.77	20.00
1.4	64QAM	1	3	18.90	19.12	18.94	20.00
1.4	64QAM	1	5	19.04	19.05	18.83	20.00
1.4	64QAM	3	0	19.00	19.03	18.92	20.00
1.4	64QAM	3	1	19.02	19.14	18.73	20.00
1.4	64QAM	3	3	19.12	19.14	18.71	20.00
1.4	64QAM	6	0	18.92	19.11	18.93	20.00
1.4	256QAM	1	0	17.77	17.98	17.74	19.00
1.4	256QAM	1	3	17.71	17.82	17.51	19.00
1.4	256QAM	1	5	17.88	17.93	17.70	19.00
1.4	256QAM	3	0	17.66	17.73	17.39	19.00
1.4	256QAM	3	1	17.63	17.81	17.50	19.00
1.4	256QAM	3	3	17.75	17.75	17.47	19.00
1.4	256QAM	6	0	17.76	17.89	17.65	19.00

【LTE Band 71_Ant 0_Sensor off】

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	23.35	23.59	23.55	24.00
20	QPSK	1	49	23.16	23.49	23.34	24.00
20	QPSK	1	99	23.09	23.45	23.38	24.00
20	QPSK	50	0	22.25	22.59	22.46	23.00
20	QPSK	50	24	22.24	22.55	22.38	23.00
20	QPSK	50	50	22.18	22.53	22.43	23.00
20	QPSK	100	0	22.32	22.57	22.45	23.00
20	16QAM	1	0	22.31	22.67	22.59	23.00
20	16QAM	1	49	22.39	22.64	22.57	23.00
20	16QAM	1	99	22.28	22.64	22.49	23.00
20	16QAM	50	0	21.32	21.56	21.48	22.00
20	16QAM	50	24	21.30	21.58	21.41	22.00
20	16QAM	50	50	21.36	21.60	21.42	22.00
20	16QAM	100	0	21.34	21.62	21.55	22.00
20	64QAM	1	0	21.20	21.53	21.37	22.00
20	64QAM	1	49	21.35	21.66	21.49	22.00
20	64QAM	1	99	21.28	21.61	21.56	22.00
20	64QAM	50	0	20.30	20.57	20.39	21.00
20	64QAM	50	24	20.33	20.61	20.51	21.00
20	64QAM	50	50	20.25	20.57	20.49	21.00
20	64QAM	100	0	20.20	20.55	20.48	21.00
20	256QAM	1	0	18.33	18.65	18.60	19.00
20	256QAM	1	49	18.40	18.64	18.46	19.00



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20	256QAM	1	99	18.44	18.76	18.59	19.00
20	256QAM	50	0	18.27	18.53	18.39	19.00
20	256QAM	50	24	18.36	18.60	18.43	19.00
20	256QAM	50	50	18.37	18.61	18.54	19.00
20	256QAM	100	0	18.40	18.60	18.48	19.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.31	23.52	23.49	24.00
15	QPSK	1	37	23.05	23.45	23.20	24.00
15	QPSK	1	74	23.00	23.37	23.28	24.00
15	QPSK	36	0	22.15	22.54	22.34	23.00
15	QPSK	36	20	22.14	22.44	22.26	23.00
15	QPSK	36	39	22.08	22.39	22.38	23.00
15	QPSK	75	0	22.28	22.50	22.33	23.00
15	16QAM	1	0	22.30	22.60	22.48	23.00
15	16QAM	1	37	22.34	22.53	22.47	23.00
15	16QAM	1	74	22.17	22.53	22.36	23.00
15	16QAM	36	0	21.29	21.47	21.38	22.00
15	16QAM	36	20	21.15	21.54	21.30	22.00
15	16QAM	36	39	21.28	21.55	21.28	22.00
15	16QAM	75	0	21.19	21.53	21.53	22.00
15	64QAM	1	0	21.09	21.51	21.25	22.00
15	64QAM	1	37	21.29	21.51	21.42	22.00
15	64QAM	1	74	21.14	21.47	21.46	22.00
15	64QAM	36	0	20.22	20.48	20.27	21.00
15	64QAM	36	20	20.19	20.48	20.39	21.00
15	64QAM	36	39	20.22	20.48	20.44	21.00
15	64QAM	75	0	20.10	20.40	20.35	21.00
15	256QAM	1	0	18.30	18.61	18.56	19.00
15	256QAM	1	37	18.34	18.58	18.39	19.00
15	256QAM	1	74	18.39	18.64	18.46	19.00
15	256QAM	36	0	18.13	18.41	18.36	19.00
15	256QAM	36	20	18.22	18.54	18.34	19.00
15	256QAM	36	39	18.32	18.50	18.46	19.00
15	256QAM	75	0	18.26	18.58	18.45	19.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.33	23.51	23.41	24.00
10	QPSK	1	25	23.14	23.39	23.23	24.00
10	QPSK	1	49	23.04	23.40	23.23	24.00
10	QPSK	25	0	22.11	22.45	22.35	23.00
10	QPSK	25	12	22.18	22.53	22.28	23.00
10	QPSK	25	25	22.07	22.52	22.42	23.00
10	QPSK	50	0	22.22	22.45	22.34	23.00
10	16QAM	1	0	22.29	22.65	22.55	23.00
10	16QAM	1	25	22.26	22.52	22.54	23.00
10	16QAM	1	49	22.17	22.49	22.43	23.00
10	16QAM	25	0	21.29	21.43	21.39	22.00
10	16QAM	25	12	21.19	21.52	21.32	22.00
10	16QAM	25	25	21.27	21.49	21.34	22.00
10	16QAM	50	0	21.28	21.61	21.41	22.00
10	64QAM	1	0	21.17	21.46	21.25	22.00
10	64QAM	1	25	21.23	21.52	21.41	22.00
10	64QAM	1	49	21.14	21.50	21.46	22.00
10	64QAM	25	0	20.29	20.55	20.37	21.00
10	64QAM	25	12	20.29	20.53	20.37	21.00
10	64QAM	25	25	20.17	20.52	20.41	21.00
10	64QAM	50	0	20.14	20.47	20.34	21.00
10	256QAM	1	0	18.31	18.59	18.47	19.00
10	256QAM	1	25	18.28	18.50	18.32	19.00
10	256QAM	1	49	18.30	18.68	18.53	19.00
10	256QAM	25	0	18.23	18.51	18.33	19.00
10	256QAM	25	12	18.32	18.56	18.42	19.00
10	256QAM	25	25	18.33	18.52	18.48	19.00
10	256QAM	50	0	18.32	18.48	18.39	19.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.23	23.45	23.42	24.00
5	QPSK	1	12	23.05	23.38	23.28	24.00
5	QPSK	1	24	22.98	23.40	23.31	24.00
5	QPSK	12	0	22.20	22.56	22.35	23.00
5	QPSK	12	7	22.18	22.48	22.36	23.00
5	QPSK	12	13	22.12	22.47	22.35	23.00
5	QPSK	25	0	22.21	22.56	22.31	23.00
5	16QAM	1	0	22.21	22.65	22.46	23.00
5	16QAM	1	12	22.29	22.60	22.45	23.00
5	16QAM	1	24	22.16	22.58	22.45	23.00
5	16QAM	12	0	21.31	21.42	21.42	22.00



5	16QAM	12	7	21.20	21.47	21.36	22.00
5	16QAM	12	13	21.28	21.54	21.35	22.00
5	16QAM	25	0	21.24	21.58	21.48	22.00
5	64QAM	1	0	21.08	21.48	21.30	22.00
5	64QAM	1	12	21.31	21.65	21.43	22.00
5	64QAM	1	24	21.18	21.53	21.53	22.00
5	64QAM	12	0	20.28	20.56	20.35	21.00
5	64QAM	12	7	20.20	20.48	20.42	21.00
5	64QAM	12	13	20.22	20.54	20.38	21.00
5	64QAM	25	0	20.10	20.51	20.39	21.00
5	256QAM	1	0	18.31	18.55	18.46	19.00
5	256QAM	1	12	18.31	18.49	18.42	19.00
5	256QAM	1	24	18.42	18.63	18.51	19.00
5	256QAM	12	0	18.23	18.45	18.33	19.00
5	256QAM	12	7	18.28	18.57	18.34	19.00
5	256QAM	12	13	18.33	18.52	18.40	19.00
5	256QAM	25	0	18.27	18.47	18.47	19.00

【LTE Band 71_Ant 0_Full Power】

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	23.35	23.59	23.55	24.00
20	QPSK	1	49	23.16	23.49	23.34	24.00
20	QPSK	1	99	23.09	23.45	23.38	24.00
20	QPSK	50	0	22.25	22.59	22.46	23.00
20	QPSK	50	24	22.24	22.55	22.38	23.00
20	QPSK	50	50	22.18	22.53	22.43	23.00
20	QPSK	100	0	22.32	22.57	22.45	23.00
20	16QAM	1	0	22.31	22.67	22.59	23.00
20	16QAM	1	49	22.39	22.64	22.57	23.00
20	16QAM	1	99	22.28	22.64	22.49	23.00
20	16QAM	50	0	21.32	21.56	21.48	22.00
20	16QAM	50	24	21.30	21.58	21.41	22.00
20	16QAM	50	50	21.36	21.60	21.42	22.00
20	16QAM	100	0	21.34	21.62	21.55	22.00
20	64QAM	1	0	21.20	21.53	21.37	22.00
20	64QAM	1	49	21.35	21.66	21.49	22.00
20	64QAM	1	99	21.28	21.61	21.56	22.00
20	64QAM	50	0	20.30	20.57	20.39	21.00
20	64QAM	50	24	20.33	20.61	20.51	21.00
20	64QAM	50	50	20.25	20.57	20.49	21.00
20	64QAM	100	0	20.20	20.55	20.48	21.00
20	256QAM	1	0	18.33	18.65	18.60	19.00
20	256QAM	1	49	18.40	18.64	18.46	19.00
20	256QAM	1	99	18.44	18.76	18.59	19.00
20	256QAM	50	0	18.27	18.53	18.39	19.00
20	256QAM	50	24	18.36	18.60	18.43	19.00
20	256QAM	50	50	18.37	18.61	18.54	19.00
20	256QAM	100	0	18.40	18.60	18.48	19.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.31	23.52	23.49	24.00
15	QPSK	1	37	23.05	23.45	23.20	24.00
15	QPSK	1	74	23.00	23.37	23.28	24.00
15	QPSK	36	0	22.15	22.54	22.34	23.00
15	QPSK	36	20	22.14	22.44	22.26	23.00
15	QPSK	36	39	22.08	22.39	22.38	23.00
15	QPSK	75	0	22.28	22.50	22.33	23.00
15	16QAM	1	0	22.30	22.60	22.48	23.00
15	16QAM	1	37	22.34	22.53	22.47	23.00
15	16QAM	1	74	22.17	22.53	22.36	23.00
15	16QAM	36	0	21.29	21.47	21.38	22.00
15	16QAM	36	20	21.15	21.54	21.30	22.00
15	16QAM	36	39	21.28	21.55	21.28	22.00
15	16QAM	75	0	21.19	21.53	21.53	22.00
15	64QAM	1	0	21.09	21.51	21.25	22.00
15	64QAM	1	37	21.29	21.51	21.42	22.00
15	64QAM	1	74	21.14	21.47	21.46	22.00
15	64QAM	36	0	20.22	20.48	20.27	21.00
15	64QAM	36	20	20.19	20.48	20.39	21.00



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15	64QAM	36	39	20.22	20.48	20.44	21.00
15	64QAM	75	0	20.10	20.40	20.35	21.00
15	256QAM	1	0	18.30	18.61	18.56	19.00
15	256QAM	1	37	18.34	18.58	18.39	19.00
15	256QAM	1	74	18.39	18.64	18.46	19.00
15	256QAM	36	0	18.13	18.41	18.36	19.00
15	256QAM	36	20	18.22	18.54	18.34	19.00
15	256QAM	36	39	18.32	18.50	18.46	19.00
15	256QAM	75	0	18.26	18.58	18.45	19.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.33	23.51	23.41	24.00
10	QPSK	1	25	23.14	23.39	23.23	24.00
10	QPSK	1	49	23.04	23.40	23.23	24.00
10	QPSK	25	0	22.11	22.45	22.35	23.00
10	QPSK	25	12	22.18	22.53	22.28	23.00
10	QPSK	25	25	22.07	22.52	22.42	23.00
10	QPSK	50	0	22.22	22.45	22.34	23.00
10	16QAM	1	0	22.29	22.65	22.55	23.00
10	16QAM	1	25	22.26	22.52	22.54	23.00
10	16QAM	1	49	22.17	22.49	22.43	23.00
10	16QAM	25	0	21.29	21.43	21.39	22.00
10	16QAM	25	12	21.19	21.52	21.32	22.00
10	16QAM	25	25	21.27	21.49	21.34	22.00
10	16QAM	50	0	21.28	21.61	21.41	22.00
10	64QAM	1	0	21.17	21.46	21.25	22.00
10	64QAM	1	25	21.23	21.52	21.41	22.00
10	64QAM	1	49	21.14	21.50	21.46	22.00
10	64QAM	25	0	20.29	20.55	20.37	21.00
10	64QAM	25	12	20.29	20.53	20.37	21.00
10	64QAM	25	25	20.17	20.52	20.41	21.00
10	64QAM	50	0	20.14	20.47	20.34	21.00
10	256QAM	1	0	18.31	18.59	18.47	19.00
10	256QAM	1	25	18.28	18.50	18.32	19.00
10	256QAM	1	49	18.30	18.68	18.53	19.00
10	256QAM	25	0	18.23	18.51	18.33	19.00
10	256QAM	25	12	18.32	18.56	18.42	19.00
10	256QAM	25	25	18.33	18.52	18.48	19.00
10	256QAM	50	0	18.32	18.48	18.39	19.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.23	23.45	23.42	24.00
5	QPSK	1	12	23.05	23.38	23.28	24.00
5	QPSK	1	24	22.98	23.40	23.31	24.00
5	QPSK	12	0	22.20	22.56	22.35	23.00
5	QPSK	12	7	22.18	22.48	22.36	23.00
5	QPSK	12	13	22.12	22.47	22.35	23.00
5	QPSK	25	0	22.21	22.56	22.31	23.00
5	16QAM	1	0	22.21	22.65	22.46	23.00
5	16QAM	1	12	22.29	22.60	22.45	23.00
5	16QAM	1	24	22.16	22.58	22.45	23.00
5	16QAM	12	0	21.31	21.42	21.42	22.00
5	16QAM	12	7	21.20	21.47	21.36	22.00
5	16QAM	12	13	21.28	21.54	21.35	22.00
5	16QAM	25	0	21.24	21.58	21.48	22.00
5	64QAM	1	0	21.08	21.48	21.30	22.00
5	64QAM	1	12	21.31	21.65	21.43	22.00
5	64QAM	1	24	21.18	21.53	21.53	22.00
5	64QAM	12	0	20.28	20.56	20.35	21.00
5	64QAM	12	7	20.20	20.48	20.42	21.00
5	64QAM	12	13	20.22	20.54	20.38	21.00
5	64QAM	25	0	20.10	20.51	20.39	21.00
5	256QAM	1	0	18.31	18.55	18.46	19.00
5	256QAM	1	12	18.31	18.49	18.42	19.00
5	256QAM	1	24	18.42	18.63	18.51	19.00
5	256QAM	12	0	18.23	18.45	18.33	19.00
5	256QAM	12	7	18.28	18.57	18.34	19.00
5	256QAM	12	13	18.33	18.52	18.40	19.00
5	256QAM	25	0	18.27	18.47	18.47	19.00



【LTE Band 71_Ant 0_Sensor on】

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	23.35	23.59	23.55	24.00
20	QPSK	1	49	23.16	23.49	23.34	24.00
20	QPSK	1	99	23.09	23.45	23.38	24.00
20	QPSK	50	0	22.25	22.59	22.46	23.00
20	QPSK	50	24	22.24	22.55	22.38	23.00
20	QPSK	50	50	22.18	22.53	22.43	23.00
20	QPSK	100	0	22.32	22.57	22.45	23.00
20	16QAM	1	0	22.31	22.67	22.59	23.00
20	16QAM	1	49	22.39	22.64	22.57	23.00
20	16QAM	1	99	22.28	22.64	22.49	23.00
20	16QAM	50	0	21.32	21.56	21.48	22.00
20	16QAM	50	24	21.30	21.58	21.41	22.00
20	16QAM	50	50	21.36	21.60	21.42	22.00
20	16QAM	100	0	21.34	21.62	21.55	22.00
20	64QAM	1	0	21.20	21.53	21.37	22.00
20	64QAM	1	49	21.35	21.66	21.49	22.00
20	64QAM	1	99	21.28	21.61	21.56	22.00
20	64QAM	50	0	20.30	20.57	20.39	21.00
20	64QAM	50	24	20.33	20.61	20.51	21.00
20	64QAM	50	50	20.25	20.57	20.49	21.00
20	64QAM	100	0	20.20	20.55	20.48	21.00
20	256QAM	1	0	18.33	18.65	18.60	19.00
20	256QAM	1	49	18.40	18.64	18.46	19.00
20	256QAM	1	99	18.44	18.76	18.59	19.00
20	256QAM	50	0	18.27	18.53	18.39	19.00
20	256QAM	50	24	18.36	18.60	18.43	19.00
20	256QAM	50	50	18.37	18.61	18.54	19.00
20	256QAM	100	0	18.40	18.60	18.48	19.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.31	23.52	23.49	24.00
15	QPSK	1	37	23.05	23.45	23.20	24.00
15	QPSK	1	74	23.00	23.37	23.28	24.00
15	QPSK	36	0	22.15	22.54	22.34	23.00
15	QPSK	36	20	22.14	22.44	22.26	23.00
15	QPSK	36	39	22.08	22.39	22.38	23.00
15	QPSK	75	0	22.28	22.50	22.33	23.00
15	16QAM	1	0	22.30	22.60	22.48	23.00
15	16QAM	1	37	22.34	22.53	22.47	23.00
15	16QAM	1	74	22.17	22.53	22.36	23.00
15	16QAM	36	0	21.29	21.47	21.38	22.00
15	16QAM	36	20	21.15	21.54	21.30	22.00
15	16QAM	36	39	21.28	21.55	21.28	22.00
15	16QAM	75	0	21.19	21.53	21.53	22.00
15	64QAM	1	0	21.09	21.51	21.25	22.00
15	64QAM	1	37	21.29	21.51	21.42	22.00
15	64QAM	1	74	21.14	21.47	21.46	22.00
15	64QAM	36	0	20.22	20.48	20.27	21.00
15	64QAM	36	20	20.19	20.48	20.39	21.00
15	64QAM	36	39	20.22	20.48	20.44	21.00
15	64QAM	75	0	20.10	20.40	20.35	21.00
15	256QAM	1	0	18.30	18.61	18.56	19.00
15	256QAM	1	37	18.34	18.58	18.39	19.00
15	256QAM	1	74	18.39	18.64	18.46	19.00
15	256QAM	36	0	18.13	18.41	18.36	19.00
15	256QAM	36	20	18.22	18.54	18.34	19.00
15	256QAM	36	39	18.32	18.50	18.46	19.00
15	256QAM	75	0	18.26	18.58	18.45	19.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.33	23.51	23.41	24.00
10	QPSK	1	25	23.14	23.39	23.23	24.00
10	QPSK	1	49	23.04	23.40	23.23	24.00
10	QPSK	25	0	22.11	22.45	22.35	23.00
10	QPSK	25	12	22.18	22.53	22.28	23.00
10	QPSK	25	25	22.07	22.52	22.42	23.00
10	QPSK	50	0	22.22	22.45	22.34	23.00
10	16QAM	1	0	22.29	22.65	22.55	23.00
10	16QAM	1	25	22.26	22.52	22.54	23.00
10	16QAM	1	49	22.17	22.49	22.43	23.00
10	16QAM	25	0	21.29	21.43	21.39	22.00



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10	16QAM	25	12	21.19	21.52	21.32	22.00
10	16QAM	25	25	21.27	21.49	21.34	22.00
10	16QAM	50	0	21.28	21.61	21.41	22.00
10	64QAM	1	0	21.17	21.46	21.25	22.00
10	64QAM	1	25	21.23	21.52	21.41	22.00
10	64QAM	1	49	21.14	21.50	21.46	22.00
10	64QAM	25	0	20.29	20.55	20.37	21.00
10	64QAM	25	12	20.29	20.53	20.37	21.00
10	64QAM	25	25	20.17	20.52	20.41	21.00
10	64QAM	50	0	20.14	20.47	20.34	21.00
10	256QAM	1	0	18.31	18.59	18.47	19.00
10	256QAM	1	25	18.28	18.50	18.32	19.00
10	256QAM	1	49	18.30	18.68	18.53	19.00
10	256QAM	25	0	18.23	18.51	18.33	19.00
10	256QAM	25	12	18.32	18.56	18.42	19.00
10	256QAM	25	25	18.33	18.52	18.48	19.00
10	256QAM	50	0	18.32	18.48	18.39	19.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.23	23.45	23.42	24.00
5	QPSK	1	12	23.05	23.38	23.28	24.00
5	QPSK	1	24	22.98	23.40	23.31	24.00
5	QPSK	12	0	22.20	22.56	22.35	23.00
5	QPSK	12	7	22.18	22.48	22.36	23.00
5	QPSK	12	13	22.12	22.47	22.35	23.00
5	QPSK	25	0	22.21	22.56	22.31	23.00
5	16QAM	1	0	22.21	22.65	22.46	23.00
5	16QAM	1	12	22.29	22.60	22.45	23.00
5	16QAM	1	24	22.16	22.58	22.45	23.00
5	16QAM	12	0	21.31	21.42	21.42	22.00
5	16QAM	12	7	21.20	21.47	21.36	22.00
5	16QAM	12	13	21.28	21.54	21.35	22.00
5	16QAM	25	0	21.24	21.58	21.48	22.00
5	64QAM	1	0	21.08	21.48	21.30	22.00
5	64QAM	1	12	21.31	21.65	21.43	22.00
5	64QAM	1	24	21.18	21.53	21.53	22.00
5	64QAM	12	0	20.28	20.56	20.35	21.00
5	64QAM	12	7	20.20	20.48	20.42	21.00
5	64QAM	12	13	20.22	20.54	20.38	21.00
5	64QAM	25	0	20.10	20.51	20.39	21.00
5	256QAM	1	0	18.31	18.55	18.46	19.00
5	256QAM	1	12	18.31	18.49	18.42	19.00
5	256QAM	1	24	18.42	18.63	18.51	19.00
5	256QAM	12	0	18.23	18.45	18.33	19.00
5	256QAM	12	7	18.28	18.57	18.34	19.00
5	256QAM	12	13	18.33	18.52	18.40	19.00
5	256QAM	25	0	18.27	18.47	18.47	19.00

【LTE Band 71_Ant 0_Hotspot on】

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	23.35	23.59	23.55	24.00
20	QPSK	1	49	23.16	23.49	23.34	24.00
20	QPSK	1	99	23.09	23.45	23.38	24.00
20	QPSK	50	0	22.25	22.59	22.46	23.00
20	QPSK	50	24	22.24	22.55	22.38	23.00
20	QPSK	50	50	22.18	22.53	22.43	23.00
20	QPSK	100	0	22.32	22.57	22.45	23.00
20	16QAM	1	0	22.31	22.67	22.59	23.00
20	16QAM	1	49	22.39	22.64	22.57	23.00
20	16QAM	1	99	22.28	22.64	22.49	23.00
20	16QAM	50	0	21.32	21.56	21.48	22.00
20	16QAM	50	24	21.30	21.58	21.41	22.00
20	16QAM	50	50	21.36	21.60	21.42	22.00
20	16QAM	100	0	21.34	21.62	21.55	22.00
20	64QAM	1	0	21.20	21.53	21.37	22.00
20	64QAM	1	49	21.35	21.66	21.49	22.00
20	64QAM	1	99	21.28	21.61	21.56	22.00
20	64QAM	50	0	20.30	20.57	20.39	21.00
20	64QAM	50	24	20.33	20.61	20.51	21.00



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20	64QAM	50	50	20.25	20.57	20.49	21.00
20	64QAM	100	0	20.20	20.55	20.48	21.00
20	256QAM	1	0	18.33	18.65	18.60	19.00
20	256QAM	1	49	18.40	18.64	18.46	19.00
20	256QAM	1	99	18.44	18.76	18.59	19.00
20	256QAM	50	0	18.27	18.53	18.39	19.00
20	256QAM	50	24	18.36	18.60	18.43	19.00
20	256QAM	50	50	18.37	18.61	18.54	19.00
20	256QAM	100	0	18.40	18.60	18.48	19.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.31	23.52	23.49	24.00
15	QPSK	1	37	23.05	23.45	23.20	24.00
15	QPSK	1	74	23.00	23.37	23.28	24.00
15	QPSK	36	0	22.15	22.54	22.34	23.00
15	QPSK	36	20	22.14	22.44	22.26	23.00
15	QPSK	36	39	22.08	22.39	22.38	23.00
15	QPSK	75	0	22.28	22.50	22.33	23.00
15	16QAM	1	0	22.30	22.60	22.48	23.00
15	16QAM	1	37	22.34	22.53	22.47	23.00
15	16QAM	1	74	22.17	22.53	22.36	23.00
15	16QAM	36	0	21.29	21.47	21.38	22.00
15	16QAM	36	20	21.15	21.54	21.30	22.00
15	16QAM	36	39	21.28	21.55	21.28	22.00
15	16QAM	75	0	21.19	21.53	21.53	22.00
15	64QAM	1	0	21.09	21.51	21.25	22.00
15	64QAM	1	37	21.29	21.51	21.42	22.00
15	64QAM	1	74	21.14	21.47	21.46	22.00
15	64QAM	36	0	20.22	20.48	20.27	21.00
15	64QAM	36	20	20.19	20.48	20.39	21.00
15	64QAM	36	39	20.22	20.48	20.44	21.00
15	64QAM	75	0	20.10	20.40	20.35	21.00
15	256QAM	1	0	18.30	18.61	18.56	19.00
15	256QAM	1	37	18.34	18.58	18.39	19.00
15	256QAM	1	74	18.39	18.64	18.46	19.00
15	256QAM	36	0	18.13	18.41	18.36	19.00
15	256QAM	36	20	18.22	18.54	18.34	19.00
15	256QAM	36	39	18.32	18.50	18.46	19.00
15	256QAM	75	0	18.26	18.58	18.45	19.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.33	23.51	23.41	24.00
10	QPSK	1	25	23.14	23.39	23.23	24.00
10	QPSK	1	49	23.04	23.40	23.23	24.00
10	QPSK	25	0	22.11	22.45	22.35	23.00
10	QPSK	25	12	22.18	22.53	22.28	23.00
10	QPSK	25	25	22.07	22.52	22.42	23.00
10	QPSK	50	0	22.22	22.45	22.34	23.00
10	16QAM	1	0	22.29	22.65	22.55	23.00
10	16QAM	1	25	22.26	22.52	22.54	23.00
10	16QAM	1	49	22.17	22.49	22.43	23.00
10	16QAM	25	0	21.29	21.43	21.39	22.00
10	16QAM	25	12	21.19	21.52	21.32	22.00
10	16QAM	25	25	21.27	21.49	21.34	22.00
10	16QAM	50	0	21.28	21.61	21.41	22.00
10	64QAM	1	0	21.17	21.46	21.25	22.00
10	64QAM	1	25	21.23	21.52	21.41	22.00
10	64QAM	1	49	21.14	21.50	21.46	22.00
10	64QAM	25	0	20.29	20.55	20.37	21.00
10	64QAM	25	12	20.29	20.53	20.37	21.00
10	64QAM	25	25	20.17	20.52	20.41	21.00
10	64QAM	50	0	20.14	20.47	20.34	21.00
10	256QAM	1	0	18.31	18.59	18.47	19.00
10	256QAM	1	25	18.28	18.50	18.32	19.00
10	256QAM	1	49	18.30	18.68	18.53	19.00
10	256QAM	25	0	18.23	18.51	18.33	19.00
10	256QAM	25	12	18.32	18.56	18.42	19.00
10	256QAM	25	25	18.33	18.52	18.48	19.00
10	256QAM	50	0	18.32	18.48	18.39	19.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.23	23.45	23.42	24.00
5	QPSK	1	12	23.05	23.38	23.28	24.00
5	QPSK	1	24	22.98	23.40	23.31	24.00
5	QPSK	12	0	22.20	22.56	22.35	23.00
5	QPSK	12	7	22.18	22.48	22.36	23.00
5	QPSK	12	13	22.12	22.47	22.35	23.00
5	QPSK	25	0	22.21	22.56	22.31	23.00



5	16QAM	1	0	22.21	22.65	22.46	23.00
5	16QAM	1	12	22.29	22.60	22.45	23.00
5	16QAM	1	24	22.16	22.58	22.45	23.00
5	16QAM	12	0	21.31	21.42	21.42	22.00
5	16QAM	12	7	21.20	21.47	21.36	22.00
5	16QAM	12	13	21.28	21.54	21.35	22.00
5	16QAM	25	0	21.24	21.58	21.48	22.00
5	64QAM	1	0	21.08	21.48	21.30	22.00
5	64QAM	1	12	21.31	21.65	21.43	22.00
5	64QAM	1	24	21.18	21.53	21.53	22.00
5	64QAM	12	0	20.28	20.56	20.35	21.00
5	64QAM	12	7	20.20	20.48	20.42	21.00
5	64QAM	12	13	20.22	20.54	20.38	21.00
5	64QAM	25	0	20.10	20.51	20.39	21.00
5	256QAM	1	0	18.31	18.55	18.46	19.00
5	256QAM	1	12	18.31	18.49	18.42	19.00
5	256QAM	1	24	18.42	18.63	18.51	19.00
5	256QAM	12	0	18.23	18.45	18.33	19.00
5	256QAM	12	7	18.28	18.57	18.34	19.00
5	256QAM	12	13	18.33	18.52	18.40	19.00
5	256QAM	25	0	18.27	18.47	18.47	19.00

**5G NR Conducted Power**

【FR1 n2_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.21	23.51	23.36	24.50
20	PI/2 BPSK	1	53	22.90	23.33	23.07	24.50
20	PI/2 BPSK	1	104	23.08	23.42	23.26	24.50
20	PI/2 BPSK	50	0	22.99	23.30	23.10	24.50
20	PI/2 BPSK	50	28	22.92	23.35	23.19	24.50
20	PI/2 BPSK	50	56	22.98	23.34	23.09	24.50
20	PI/2 BPSK	100	0	22.91	23.33	23.06	24.50
20	QPSK	1	1	22.98	23.37	23.16	24.50
20	QPSK	1	53	23.02	23.38	23.13	24.50
20	QPSK	1	104	22.98	23.42	23.15	24.50
20	QPSK	50	0	22.88	23.32	23.08	24.50
20	QPSK	50	28	23.02	23.36	23.10	24.50
20	QPSK	50	56	23.03	23.37	23.13	24.50
20	QPSK	100	0	23.02	23.40	23.18	24.50
20	16QAM	1	1	23.14	23.51	23.23	24.50
20	64QAM	1	1	21.74	22.15	21.99	23.00
20	256QAM	1	1	19.61	19.95	19.71	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.19	23.36	23.22	24.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.09	23.38	23.22	24.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.20	23.37	23.22	24.50

【FR1 n2_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.21	23.51	23.36	24.50
20	PI/2 BPSK	1	53	22.90	23.33	23.07	24.50
20	PI/2 BPSK	1	104	23.08	23.42	23.26	24.50
20	PI/2 BPSK	50	0	22.99	23.30	23.10	24.50
20	PI/2 BPSK	50	28	22.92	23.35	23.19	24.50
20	PI/2 BPSK	50	56	22.98	23.34	23.09	24.50
20	PI/2 BPSK	100	0	22.91	23.33	23.06	24.50
20	QPSK	1	1	22.98	23.37	23.16	24.50
20	QPSK	1	53	23.02	23.38	23.13	24.50
20	QPSK	1	104	22.98	23.42	23.15	24.50
20	QPSK	50	0	22.88	23.32	23.08	24.50
20	QPSK	50	28	23.02	23.36	23.10	24.50
20	QPSK	50	56	23.03	23.37	23.13	24.50
20	QPSK	100	0	23.02	23.40	23.18	24.50
20	16QAM	1	1	23.14	23.51	23.23	24.50
20	64QAM	1	1	21.74	22.15	21.99	23.00
20	256QAM	1	1	19.61	19.95	19.71	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.19	23.36	23.22	24.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.09	23.38	23.22	24.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.20	23.37	23.22	24.50



【FR1 n2_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	14.72	15.04	14.85	16.00
20	PI/2 BPSK	1	53	14.73	14.95	14.87	16.00
20	PI/2 BPSK	1	104	14.67	15.01	14.90	16.00
20	PI/2 BPSK	50	0	14.66	14.89	14.93	16.00
20	PI/2 BPSK	50	28	14.76	14.99	14.89	16.00
20	PI/2 BPSK	50	56	14.63	14.98	14.78	16.00
20	PI/2 BPSK	100	0	14.80	15.10	14.86	16.00
20	QPSK	1	1	14.64	14.97	14.84	16.00
20	QPSK	1	53	14.75	15.04	14.78	16.00
20	QPSK	1	104	14.71	15.02	14.79	16.00
20	QPSK	50	0	14.77	14.94	14.79	16.00
20	QPSK	50	28	14.69	15.05	14.94	16.00
20	QPSK	50	56	14.64	14.92	14.92	16.00
20	QPSK	100	0	14.73	15.10	14.77	16.00
20	16QAM	1	1	14.68	15.07	14.76	16.00
20	64QAM	1	1	14.62	15.03	14.85	16.00
20	256QAM	1	1	14.62	15.03	14.86	16.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	14.58	14.94	14.76	16.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	14.62	14.92	14.78	16.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	14.58	14.93	14.77	16.00

【FR1 n2_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	14.72	15.04	14.85	16.00
20	PI/2 BPSK	1	53	14.73	14.95	14.87	16.00
20	PI/2 BPSK	1	104	14.67	15.01	14.90	16.00
20	PI/2 BPSK	50	0	14.66	14.89	14.93	16.00
20	PI/2 BPSK	50	28	14.76	14.99	14.89	16.00
20	PI/2 BPSK	50	56	14.63	14.98	14.78	16.00
20	PI/2 BPSK	100	0	14.80	15.10	14.86	16.00
20	QPSK	1	1	14.64	14.97	14.84	16.00
20	QPSK	1	53	14.75	15.04	14.78	16.00
20	QPSK	1	104	14.71	15.02	14.79	16.00
20	QPSK	50	0	14.77	14.94	14.79	16.00
20	QPSK	50	28	14.69	15.05	14.94	16.00
20	QPSK	50	56	14.64	14.92	14.92	16.00
20	QPSK	100	0	14.73	15.10	14.77	16.00
20	16QAM	1	1	14.68	15.07	14.76	16.00
20	64QAM	1	1	14.62	15.03	14.85	16.00
20	256QAM	1	1	14.62	15.03	14.86	16.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	14.58	14.94	14.76	16.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	14.62	14.92	14.78	16.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	14.58	14.93	14.77	16.00



【FR1 n2_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.41	23.45	23.29	24.00
20	PI/2 BPSK	1	53	23.27	23.35	23.06	24.00
20	PI/2 BPSK	1	104	23.17	23.29	23.08	24.00
20	PI/2 BPSK	50	0	23.15	23.29	23.05	24.00
20	PI/2 BPSK	50	28	23.28	23.33	23.08	24.00
20	PI/2 BPSK	50	56	23.15	23.33	23.09	24.00
20	PI/2 BPSK	100	0	23.31	23.36	23.13	24.00
20	QPSK	1	1	23.25	23.38	23.17	24.00
20	QPSK	1	53	23.20	23.37	23.12	24.00
20	QPSK	1	104	23.13	23.31	23.07	24.00
20	QPSK	50	0	23.22	23.41	23.17	24.00
20	QPSK	50	28	23.29	23.38	23.10	24.00
20	QPSK	50	56	23.22	23.30	23.06	24.00
20	QPSK	100	0	23.28	23.40	23.14	24.00
20	16QAM	1	1	23.30	23.48	23.24	24.00
20	64QAM	1	1	21.99	22.10	21.88	22.50
20	256QAM	1	1	19.87	20.02	19.75	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.38	23.42	23.27	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.32	23.25	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.38	23.38	23.25	24.00

【FR1 n2_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.41	23.45	23.29	24.00
20	PI/2 BPSK	1	53	23.27	23.35	23.06	24.00
20	PI/2 BPSK	1	104	23.17	23.29	23.08	24.00
20	PI/2 BPSK	50	0	23.15	23.29	23.05	24.00
20	PI/2 BPSK	50	28	23.28	23.33	23.08	24.00
20	PI/2 BPSK	50	56	23.15	23.33	23.09	24.00
20	PI/2 BPSK	100	0	23.31	23.36	23.13	24.00
20	QPSK	1	1	23.25	23.38	23.17	24.00
20	QPSK	1	53	23.20	23.37	23.12	24.00
20	QPSK	1	104	23.13	23.31	23.07	24.00
20	QPSK	50	0	23.22	23.41	23.17	24.00
20	QPSK	50	28	23.29	23.38	23.10	24.00
20	QPSK	50	56	23.22	23.30	23.06	24.00
20	QPSK	100	0	23.28	23.40	23.14	24.00
20	16QAM	1	1	23.30	23.48	23.24	24.00
20	64QAM	1	1	21.99	22.10	21.88	22.50
20	256QAM	1	1	19.87	20.02	19.75	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.38	23.42	23.27	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.32	23.25	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.38	23.38	23.25	24.00

【FR1 n2_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.41	23.45	23.29	24.00
20	PI/2 BPSK	1	53	23.27	23.35	23.06	24.00
20	PI/2 BPSK	1	104	23.17	23.29	23.08	24.00
20	PI/2 BPSK	50	0	23.15	23.29	23.05	24.00
20	PI/2 BPSK	50	28	23.28	23.33	23.08	24.00
20	PI/2 BPSK	50	56	23.15	23.33	23.09	24.00
20	PI/2 BPSK	100	0	23.31	23.36	23.13	24.00
20	QPSK	1	1	23.25	23.38	23.17	24.00
20	QPSK	1	53	23.20	23.37	23.12	24.00
20	QPSK	1	104	23.13	23.31	23.07	24.00
20	QPSK	50	0	23.22	23.41	23.17	24.00
20	QPSK	50	28	23.29	23.38	23.10	24.00
20	QPSK	50	56	23.22	23.30	23.06	24.00
20	QPSK	100	0	23.28	23.40	23.14	24.00
20	16QAM	1	1	23.30	23.48	23.24	24.00
20	64QAM	1	1	21.99	22.10	21.88	22.50
20	256QAM	1	1	19.87	20.02	19.75	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.38	23.42	23.27	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.32	23.25	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.38	23.38	23.25	24.00

【FR1 n2_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.41	23.45	23.29	24.00
20	PI/2 BPSK	1	53	23.27	23.35	23.06	24.00
20	PI/2 BPSK	1	104	23.17	23.29	23.08	24.00
20	PI/2 BPSK	50	0	23.15	23.29	23.05	24.00
20	PI/2 BPSK	50	28	23.28	23.33	23.08	24.00
20	PI/2 BPSK	50	56	23.15	23.33	23.09	24.00
20	PI/2 BPSK	100	0	23.31	23.36	23.13	24.00
20	QPSK	1	1	23.25	23.38	23.17	24.00
20	QPSK	1	53	23.20	23.37	23.12	24.00
20	QPSK	1	104	23.13	23.31	23.07	24.00
20	QPSK	50	0	23.22	23.41	23.17	24.00
20	QPSK	50	28	23.29	23.38	23.10	24.00
20	QPSK	50	56	23.22	23.30	23.06	24.00
20	QPSK	100	0	23.28	23.40	23.14	24.00
20	16QAM	1	1	23.30	23.48	23.24	24.00
20	64QAM	1	1	21.99	22.10	21.88	22.50
20	256QAM	1	1	19.87	20.02	19.75	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.38	23.42	23.27	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.32	23.25	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.38	23.38	23.25	24.00



【FR1 n2_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.72	23.82	23.71	24.50
20	PI/2 BPSK	1	53	23.45	23.66	23.42	24.50
20	PI/2 BPSK	1	104	23.43	23.60	23.36	24.50
20	PI/2 BPSK	50	0	23.45	23.68	23.53	24.50
20	PI/2 BPSK	50	28	23.53	23.72	23.56	24.50
20	PI/2 BPSK	50	56	23.43	23.66	23.44	24.50
20	PI/2 BPSK	100	0	23.57	23.68	23.51	24.50
20	QPSK	1	1	23.46	23.71	23.47	24.50
20	QPSK	1	53	23.57	23.72	23.58	24.50
20	QPSK	1	104	23.39	23.61	23.46	24.50
20	QPSK	50	0	23.52	23.75	23.61	24.50
20	QPSK	50	28	23.57	23.74	23.48	24.50
20	QPSK	50	56	23.51	23.70	23.52	24.50
20	QPSK	100	0	23.58	23.71	23.58	24.50
20	16QAM	1	1	23.59	23.82	23.59	24.50
20	64QAM	1	1	22.23	22.44	22.20	23.00
20	256QAM	1	1	20.11	20.34	20.22	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.69	23.79	23.57	24.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.65	23.69	23.64	24.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.61	23.72	23.66	24.50

【FR1 n2_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.72	23.82	23.71	24.50
20	PI/2 BPSK	1	53	23.45	23.66	23.42	24.50
20	PI/2 BPSK	1	104	23.43	23.60	23.36	24.50
20	PI/2 BPSK	50	0	23.45	23.68	23.53	24.50
20	PI/2 BPSK	50	28	23.53	23.72	23.56	24.50
20	PI/2 BPSK	50	56	23.43	23.66	23.44	24.50
20	PI/2 BPSK	100	0	23.57	23.68	23.51	24.50
20	QPSK	1	1	23.46	23.71	23.47	24.50
20	QPSK	1	53	23.57	23.72	23.58	24.50
20	QPSK	1	104	23.39	23.61	23.46	24.50
20	QPSK	50	0	23.52	23.75	23.61	24.50
20	QPSK	50	28	23.57	23.74	23.48	24.50
20	QPSK	50	56	23.51	23.70	23.52	24.50
20	QPSK	100	0	23.58	23.71	23.58	24.50
20	16QAM	1	1	23.59	23.82	23.59	24.50
20	64QAM	1	1	22.23	22.44	22.20	23.00
20	256QAM	1	1	20.11	20.34	20.22	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.69	23.79	23.57	24.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.65	23.69	23.64	24.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.61	23.72	23.66	24.50

【FR1 n2_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.80	20.87	20.76	21.50
20	PI/2 BPSK	1	53	20.79	20.87	20.74	21.50
20	PI/2 BPSK	1	104	20.62	20.87	20.67	21.50
20	PI/2 BPSK	50	0	20.64	20.82	20.63	21.50
20	PI/2 BPSK	50	28	20.76	20.85	20.76	21.50
20	PI/2 BPSK	50	56	20.81	20.85	20.81	21.50
20	PI/2 BPSK	100	0	20.70	20.85	20.63	21.50
20	QPSK	1	1	20.66	20.80	20.67	21.50
20	QPSK	1	53	20.70	20.89	20.63	21.50
20	QPSK	1	104	20.80	20.87	20.74	21.50
20	QPSK	50	0	20.77	20.81	20.76	21.50
20	QPSK	50	28	20.81	20.88	20.81	21.50
20	QPSK	50	56	20.75	20.74	20.77	21.50
20	QPSK	100	0	20.63	20.84	20.65	21.50
20	16QAM	1	1	20.64	20.81	20.74	21.50
20	64QAM	1	1	20.67	20.74	20.71	21.50
20	256QAM	1	1	20.11	20.34	20.22	21.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.78	20.76	20.69	21.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.79	20.82	20.67	21.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.78	20.76	20.62	21.50

【FR1 n2_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.80	20.87	20.76	21.50
20	PI/2 BPSK	1	53	20.79	20.87	20.74	21.50
20	PI/2 BPSK	1	104	20.62	20.87	20.67	21.50
20	PI/2 BPSK	50	0	20.64	20.82	20.63	21.50
20	PI/2 BPSK	50	28	20.76	20.85	20.76	21.50
20	PI/2 BPSK	50	56	20.81	20.85	20.81	21.50
20	PI/2 BPSK	100	0	20.70	20.85	20.63	21.50
20	QPSK	1	1	20.66	20.80	20.67	21.50
20	QPSK	1	53	20.70	20.89	20.63	21.50
20	QPSK	1	104	20.80	20.87	20.74	21.50
20	QPSK	50	0	20.77	20.81	20.76	21.50
20	QPSK	50	28	20.81	20.88	20.81	21.50
20	QPSK	50	56	20.75	20.74	20.77	21.50
20	QPSK	100	0	20.63	20.84	20.65	21.50
20	16QAM	1	1	20.64	20.81	20.74	21.50
20	64QAM	1	1	20.67	20.74	20.71	21.50
20	256QAM	1	1	20.11	20.34	20.22	21.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.78	20.76	20.69	21.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.79	20.82	20.67	21.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.78	20.76	20.62	21.50

【FR1 n5_Ant 0_Sensor off】

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	23.06	23.00	22.98	24.00
20	PI/2 BPSK	1	53	22.91	22.98	22.88	24.00
20	PI/2 BPSK	1	104	22.87	22.83	22.71	24.00
20	PI/2 BPSK	50	0	23.06	23.06	22.97	24.00
20	PI/2 BPSK	50	28	22.98	23.09	22.92	24.00
20	PI/2 BPSK	50	56	22.89	22.95	22.87	24.00
20	PI/2 BPSK	100	0	23.06	23.06	22.92	24.00
20	QPSK	1	1	22.97	23.06	22.93	24.00
20	QPSK	1	53	23.05	23.05	22.98	24.00
20	QPSK	1	104	22.80	22.86	22.70	24.00
20	QPSK	50	0	23.06	23.08	22.98	24.00
20	QPSK	50	28	22.96	22.99	22.87	24.00
20	QPSK	50	56	22.94	22.90	22.82	24.00
20	QPSK	100	0	23.04	23.07	22.95	24.00
20	16QAM	1	1	23.06	23.15	22.98	24.00
20	64QAM	1	1	21.88	21.90	21.87	22.50
20	256QAM	1	1	19.62	19.71	19.66	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.04	22.93	22.93	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.95	22.85	22.89	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.01	22.88	22.92	24.00

【FR1 n5_Ant 0_Full Power】

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	23.06	23.00	22.98	24.00
20	PI/2 BPSK	1	53	22.91	22.98	22.88	24.00
20	PI/2 BPSK	1	104	22.87	22.83	22.71	24.00
20	PI/2 BPSK	50	0	23.06	23.06	22.97	24.00
20	PI/2 BPSK	50	28	22.98	23.09	22.92	24.00
20	PI/2 BPSK	50	56	22.89	22.95	22.87	24.00
20	PI/2 BPSK	100	0	23.06	23.06	22.92	24.00
20	QPSK	1	1	22.97	23.06	22.93	24.00
20	QPSK	1	53	23.05	23.05	22.98	24.00
20	QPSK	1	104	22.80	22.86	22.70	24.00
20	QPSK	50	0	23.06	23.08	22.98	24.00
20	QPSK	50	28	22.96	22.99	22.87	24.00
20	QPSK	50	56	22.94	22.90	22.82	24.00
20	QPSK	100	0	23.04	23.07	22.95	24.00
20	16QAM	1	1	23.06	23.15	22.98	24.00
20	64QAM	1	1	21.88	21.90	21.87	22.50
20	256QAM	1	1	19.62	19.71	19.66	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.04	22.93	22.93	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.95	22.85	22.89	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.01	22.88	22.92	24.00



【FR1 n5_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.96	21.99	22.01	23.00
20	PI/2 BPSK	1	53	21.88	21.95	21.96	23.00
20	PI/2 BPSK	1	104	21.85	21.91	21.98	23.00
20	PI/2 BPSK	50	0	21.86	21.95	22.02	23.00
20	PI/2 BPSK	50	28	21.89	21.98	21.96	23.00
20	PI/2 BPSK	50	56	21.95	21.92	21.88	23.00
20	PI/2 BPSK	100	0	21.84	21.97	22.04	23.00
20	QPSK	1	1	21.83	21.95	22.03	23.00
20	QPSK	1	53	21.95	22.05	21.95	23.00
20	QPSK	1	104	21.94	22.06	21.93	23.00
20	QPSK	50	0	21.79	21.96	21.88	23.00
20	QPSK	50	28	21.80	21.92	22.05	23.00
20	QPSK	50	56	21.75	21.91	21.97	23.00
20	QPSK	100	0	21.93	22.06	21.91	23.00
20	16QAM	1	1	21.81	21.95	21.93	23.00
20	64QAM	1	1	21.81	21.90	21.87	22.50
20	256QAM	1	1	19.53	19.71	19.66	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.93	21.87	21.94	23.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.93	21.91	21.88	23.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.84	21.92	21.93	23.00

【FR1 n5_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.96	21.99	22.01	23.00
20	PI/2 BPSK	1	53	21.88	21.95	21.96	23.00
20	PI/2 BPSK	1	104	21.85	21.91	21.98	23.00
20	PI/2 BPSK	50	0	21.86	21.95	22.02	23.00
20	PI/2 BPSK	50	28	21.89	21.98	21.96	23.00
20	PI/2 BPSK	50	56	21.95	21.92	21.88	23.00
20	PI/2 BPSK	100	0	21.84	21.97	22.04	23.00
20	QPSK	1	1	21.83	21.95	22.03	23.00
20	QPSK	1	53	21.95	22.05	21.95	23.00
20	QPSK	1	104	21.94	22.06	21.93	23.00
20	QPSK	50	0	21.79	21.96	21.88	23.00
20	QPSK	50	28	21.80	21.92	22.05	23.00
20	QPSK	50	56	21.75	21.91	21.97	23.00
20	QPSK	100	0	21.93	22.06	21.91	23.00
20	16QAM	1	1	21.81	21.95	21.93	23.00
20	64QAM	1	1	21.81	21.90	21.87	22.50
20	256QAM	1	1	19.53	19.71	19.66	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.93	21.87	21.94	23.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.93	21.91	21.88	23.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.84	21.92	21.93	23.00

【FR1 n7_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.00	23.03	22.76	24.00
20	PI/2 BPSK	1	53	22.69	22.85	22.54	24.00
20	PI/2 BPSK	1	104	22.77	22.83	22.43	24.00
20	PI/2 BPSK	50	0	22.63	22.73	22.38	24.00
20	PI/2 BPSK	50	28	22.74	22.79	22.42	24.00
20	PI/2 BPSK	50	56	22.55	22.72	22.34	24.00
20	PI/2 BPSK	100	0	22.67	22.71	22.31	24.00
20	QPSK	1	1	22.80	22.96	22.67	24.00
20	QPSK	1	53	22.74	22.89	22.51	24.00
20	QPSK	1	104	22.77	22.87	22.52	24.00
20	QPSK	50	0	22.69	22.80	22.39	24.00
20	QPSK	50	28	22.64	22.71	22.35	24.00
20	QPSK	50	56	22.56	22.69	22.28	24.00
20	QPSK	100	0	22.60	22.69	22.28	24.00
20	16QAM	1	1	22.93	22.97	22.67	24.00
20	64QAM	1	1	21.53	21.60	21.27	22.50
20	256QAM	1	1	19.35	19.44	19.14	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.91	22.98	22.68	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.88	22.92	22.73	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.98	22.91	22.69	24.00

【FR1 n7_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.00	23.03	22.76	24.00
20	PI/2 BPSK	1	53	22.69	22.85	22.54	24.00
20	PI/2 BPSK	1	104	22.77	22.83	22.43	24.00
20	PI/2 BPSK	50	0	22.63	22.73	22.38	24.00
20	PI/2 BPSK	50	28	22.74	22.79	22.42	24.00
20	PI/2 BPSK	50	56	22.55	22.72	22.34	24.00
20	PI/2 BPSK	100	0	22.67	22.71	22.31	24.00
20	QPSK	1	1	22.80	22.96	22.67	24.00
20	QPSK	1	53	22.74	22.89	22.51	24.00
20	QPSK	1	104	22.77	22.87	22.52	24.00
20	QPSK	50	0	22.69	22.80	22.39	24.00
20	QPSK	50	28	22.64	22.71	22.35	24.00
20	QPSK	50	56	22.56	22.69	22.28	24.00
20	QPSK	100	0	22.60	22.69	22.28	24.00
20	16QAM	1	1	22.93	22.97	22.67	24.00
20	64QAM	1	1	21.53	21.60	21.27	22.50
20	256QAM	1	1	19.35	19.44	19.14	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.91	22.98	22.68	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.88	22.92	22.73	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.98	22.91	22.69	24.00

【FR1 n7_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.08	19.13	18.78	20.00
20	PI/2 BPSK	1	53	19.05	18.97	18.75	20.00
20	PI/2 BPSK	1	104	18.93	19.03	18.72	20.00
20	PI/2 BPSK	50	0	19.05	19.10	18.65	20.00
20	PI/2 BPSK	50	28	19.10	19.11	18.68	20.00
20	PI/2 BPSK	50	56	18.96	19.10	18.82	20.00
20	PI/2 BPSK	100	0	18.94	19.02	18.74	20.00
20	QPSK	1	1	19.06	19.13	18.73	20.00
20	QPSK	1	53	19.07	19.12	18.82	20.00
20	QPSK	1	104	19.08	19.08	18.74	20.00
20	QPSK	50	0	18.91	19.10	18.69	20.00
20	QPSK	50	28	19.04	18.98	18.80	20.00
20	QPSK	50	56	19.04	18.94	18.76	20.00
20	QPSK	100	0	18.92	18.97	18.70	20.00
20	16QAM	1	1	18.94	19.01	18.74	20.00
20	64QAM	1	1	18.93	19.09	18.67	20.00
20	256QAM	1	1	19.02	19.02	18.70	20.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.02	19.09	18.76	20.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.98	19.05	18.74	20.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.94	19.04	18.65	20.00

【FR1 n7_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.08	19.13	18.78	20.00
20	PI/2 BPSK	1	53	19.05	18.97	18.75	20.00
20	PI/2 BPSK	1	104	18.93	19.03	18.72	20.00
20	PI/2 BPSK	50	0	19.05	19.10	18.65	20.00
20	PI/2 BPSK	50	28	19.10	19.11	18.68	20.00
20	PI/2 BPSK	50	56	18.96	19.10	18.82	20.00
20	PI/2 BPSK	100	0	18.94	19.02	18.74	20.00
20	QPSK	1	1	19.06	19.13	18.73	20.00
20	QPSK	1	53	19.07	19.12	18.82	20.00
20	QPSK	1	104	19.08	19.08	18.74	20.00
20	QPSK	50	0	18.91	19.10	18.69	20.00
20	QPSK	50	28	19.04	18.98	18.80	20.00
20	QPSK	50	56	19.04	18.94	18.76	20.00
20	QPSK	100	0	18.92	18.97	18.70	20.00
20	16QAM	1	1	18.94	19.01	18.74	20.00
20	64QAM	1	1	18.93	19.09	18.67	20.00
20	256QAM	1	1	19.02	19.02	18.70	20.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.02	19.09	18.76	20.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.98	19.05	18.74	20.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.94	19.04	18.65	20.00



【FR1 n7_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.30	23.33	23.19	24.00
20	PI/2 BPSK	1	53	23.15	23.21	23.02	24.00
20	PI/2 BPSK	1	104	23.09	23.18	22.95	24.00
20	PI/2 BPSK	50	0	22.97	23.14	22.90	24.00
20	PI/2 BPSK	50	28	22.98	23.15	22.89	24.00
20	PI/2 BPSK	50	56	23.06	23.11	22.93	24.00
20	PI/2 BPSK	100	0	23.04	23.13	22.87	24.00
20	QPSK	1	1	23.18	23.31	23.13	24.00
20	QPSK	1	53	23.15	23.26	23.04	24.00
20	QPSK	1	104	23.18	23.25	23.08	24.00
20	QPSK	50	0	23.08	23.16	22.99	24.00
20	QPSK	50	28	23.01	23.16	22.92	24.00
20	QPSK	50	56	22.95	23.12	22.86	24.00
20	QPSK	100	0	23.02	23.18	23.02	24.00
20	16QAM	1	1	23.24	23.32	23.11	24.00
20	64QAM	1	1	21.87	22.00	21.85	22.50
20	256QAM	1	1	19.36	19.48	19.24	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.16	23.26	23.06	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.25	23.24	23.13	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.23	23.25	23.11	24.00

【FR1 n7_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.30	23.33	23.19	24.00
20	PI/2 BPSK	1	53	23.15	23.21	23.02	24.00
20	PI/2 BPSK	1	104	23.09	23.18	22.95	24.00
20	PI/2 BPSK	50	0	22.97	23.14	22.90	24.00
20	PI/2 BPSK	50	28	22.98	23.15	22.89	24.00
20	PI/2 BPSK	50	56	23.06	23.11	22.93	24.00
20	PI/2 BPSK	100	0	23.04	23.13	22.87	24.00
20	QPSK	1	1	23.18	23.31	23.13	24.00
20	QPSK	1	53	23.15	23.26	23.04	24.00
20	QPSK	1	104	23.18	23.25	23.08	24.00
20	QPSK	50	0	23.08	23.16	22.99	24.00
20	QPSK	50	28	23.01	23.16	22.92	24.00
20	QPSK	50	56	22.95	23.12	22.86	24.00
20	QPSK	100	0	23.02	23.18	23.02	24.00
20	16QAM	1	1	23.24	23.32	23.11	24.00
20	64QAM	1	1	21.87	22.00	21.85	22.50
20	256QAM	1	1	19.36	19.48	19.24	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.16	23.26	23.06	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.25	23.24	23.13	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.23	23.25	23.11	24.00

【FR1 n7_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.29	17.39	17.16	18.00
20	PI/2 BPSK	1	53	17.33	17.24	17.26	18.00
20	PI/2 BPSK	1	104	17.21	17.39	17.27	18.00
20	PI/2 BPSK	50	0	17.14	17.28	16.97	18.00
20	PI/2 BPSK	50	28	17.28	17.30	17.25	18.00
20	PI/2 BPSK	50	56	17.29	17.25	17.26	18.00
20	PI/2 BPSK	100	0	17.25	17.30	17.16	18.00
20	QPSK	1	1	17.21	17.40	17.11	18.00
20	QPSK	1	53	17.36	17.32	17.28	18.00
20	QPSK	1	104	17.38	17.35	17.27	18.00
20	QPSK	50	0	17.21	17.24	17.28	18.00
20	QPSK	50	28	17.36	17.34	17.27	18.00
20	QPSK	50	56	17.21	17.27	17.27	18.00
20	QPSK	100	0	17.34	17.40	17.23	18.00
20	16QAM	1	1	17.33	17.43	17.25	18.00
20	64QAM	1	1	17.37	17.39	17.24	18.00
20	256QAM	1	1	17.33	17.34	17.19	18.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.28	17.31	17.14	18.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.18	17.36	17.06	18.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.23	17.36	17.06	18.00

【FR1 n7_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.29	17.39	17.16	18.00
20	PI/2 BPSK	1	53	17.33	17.24	17.26	18.00
20	PI/2 BPSK	1	104	17.21	17.39	17.27	18.00
20	PI/2 BPSK	50	0	17.14	17.28	16.97	18.00
20	PI/2 BPSK	50	28	17.28	17.30	17.25	18.00
20	PI/2 BPSK	50	56	17.29	17.25	17.26	18.00
20	PI/2 BPSK	100	0	17.25	17.30	17.16	18.00
20	QPSK	1	1	17.21	17.40	17.11	18.00
20	QPSK	1	53	17.36	17.32	17.28	18.00
20	QPSK	1	104	17.38	17.35	17.27	18.00
20	QPSK	50	0	17.21	17.24	17.28	18.00
20	QPSK	50	28	17.36	17.34	17.27	18.00
20	QPSK	50	56	17.21	17.27	17.27	18.00
20	QPSK	100	0	17.34	17.40	17.23	18.00
20	16QAM	1	1	17.33	17.43	17.25	18.00
20	64QAM	1	1	17.37	17.39	17.24	18.00
20	256QAM	1	1	17.33	17.34	17.19	18.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.28	17.31	17.14	18.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.18	17.36	17.06	18.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.23	17.36	17.06	18.00



【FR1 n7_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.77	22.95	22.80	24.00
20	PI/2 BPSK	1	53	22.47	22.79	22.49	24.00
20	PI/2 BPSK	1	104	22.50	22.78	22.61	24.00
20	PI/2 BPSK	50	0	22.40	22.71	22.55	24.00
20	PI/2 BPSK	50	28	22.40	22.72	22.47	24.00
20	PI/2 BPSK	50	56	22.43	22.68	22.49	24.00
20	PI/2 BPSK	100	0	22.40	22.70	22.49	24.00
20	QPSK	1	1	22.64	22.83	22.64	24.00
20	QPSK	1	53	22.56	22.82	22.62	24.00
20	QPSK	1	104	22.52	22.79	22.58	24.00
20	QPSK	50	0	22.52	22.72	22.51	24.00
20	QPSK	50	28	22.42	22.71	22.53	24.00
20	QPSK	50	56	22.42	22.69	22.45	24.00
20	QPSK	100	0	22.44	22.72	22.51	24.00
20	16QAM	1	1	22.71	22.95	22.67	24.00
20	64QAM	1	1	21.38	21.63	21.34	22.50
20	256QAM	1	1	18.86	19.02	18.85	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.64	22.82	22.73	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.76	22.86	22.65	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.67	22.92	22.73	24.00

【FR1 n7_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.77	22.95	22.80	24.00
20	PI/2 BPSK	1	53	22.47	22.79	22.49	24.00
20	PI/2 BPSK	1	104	22.50	22.78	22.61	24.00
20	PI/2 BPSK	50	0	22.40	22.71	22.55	24.00
20	PI/2 BPSK	50	28	22.40	22.72	22.47	24.00
20	PI/2 BPSK	50	56	22.43	22.68	22.49	24.00
20	PI/2 BPSK	100	0	22.40	22.70	22.49	24.00
20	QPSK	1	1	22.64	22.83	22.64	24.00
20	QPSK	1	53	22.56	22.82	22.62	24.00
20	QPSK	1	104	22.52	22.79	22.58	24.00
20	QPSK	50	0	22.52	22.72	22.51	24.00
20	QPSK	50	28	22.42	22.71	22.53	24.00
20	QPSK	50	56	22.42	22.69	22.45	24.00
20	QPSK	100	0	22.44	22.72	22.51	24.00
20	16QAM	1	1	22.71	22.95	22.67	24.00
20	64QAM	1	1	21.38	21.63	21.34	22.50
20	256QAM	1	1	18.86	19.02	18.85	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.64	22.82	22.73	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.76	22.86	22.65	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.67	22.92	22.73	24.00



【FR1 n7_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	21.26	21.46	21.28	22.50
20	PI/2 BPSK	1	53	21.27	21.42	21.34	22.50
20	PI/2 BPSK	1	104	21.36	21.38	21.21	22.50
20	PI/2 BPSK	50	0	21.30	21.41	21.28	22.50
20	PI/2 BPSK	50	28	21.33	21.44	21.24	22.50
20	PI/2 BPSK	50	56	21.35	21.35	21.24	22.50
20	PI/2 BPSK	100	0	21.21	21.50	21.35	22.50
20	QPSK	1	1	21.27	21.41	21.30	22.50
20	QPSK	1	53	21.25	21.39	21.28	22.50
20	QPSK	1	104	21.35	21.37	21.30	22.50
20	QPSK	50	0	21.35	21.40	21.36	22.50
20	QPSK	50	28	21.22	21.40	21.39	22.50
20	QPSK	50	56	21.26	21.42	21.29	22.50
20	QPSK	100	0	21.32	21.43	21.25	22.50
20	16QAM	1	1	21.23	21.50	21.28	22.50
20	64QAM	1	1	21.23	21.43	21.29	22.50
20	256QAM	1	1	18.86	19.02	18.85	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	21.14	21.40	21.22	22.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	21.23	21.38	21.23	22.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	21.13	21.40	21.22	22.50

【FR1 n7_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	21.26	21.46	21.28	22.50
20	PI/2 BPSK	1	53	21.27	21.42	21.34	22.50
20	PI/2 BPSK	1	104	21.36	21.38	21.21	22.50
20	PI/2 BPSK	50	0	21.30	21.41	21.28	22.50
20	PI/2 BPSK	50	28	21.33	21.44	21.24	22.50
20	PI/2 BPSK	50	56	21.35	21.35	21.24	22.50
20	PI/2 BPSK	100	0	21.21	21.50	21.35	22.50
20	QPSK	1	1	21.27	21.41	21.30	22.50
20	QPSK	1	53	21.25	21.39	21.28	22.50
20	QPSK	1	104	21.35	21.37	21.30	22.50
20	QPSK	50	0	21.35	21.40	21.36	22.50
20	QPSK	50	28	21.22	21.40	21.39	22.50
20	QPSK	50	56	21.26	21.42	21.29	22.50
20	QPSK	100	0	21.32	21.43	21.25	22.50
20	16QAM	1	1	21.23	21.50	21.28	22.50
20	64QAM	1	1	21.23	21.43	21.29	22.50
20	256QAM	1	1	18.86	19.02	18.85	20.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	21.14	21.40	21.22	22.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	21.23	21.38	21.23	22.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	21.13	21.40	21.22	22.50



【FR1 n12_Ant 0_Sensor off】

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	23.60	23.66	23.50	24.50
15	PI/2 BPSK	1	40	23.27	23.44	23.17	24.50
15	PI/2 BPSK	1	77	23.26	23.36	23.18	24.50
15	PI/2 BPSK	36	0	23.29	23.38	23.14	24.00
15	PI/2 BPSK	36	22	23.24	23.34	23.17	24.50
15	PI/2 BPSK	36	43	23.18	23.36	23.18	24.00
15	PI/2 BPSK	75	0	23.32	23.44	23.27	24.00
15	QPSK	1	1	23.39	23.52	23.32	24.50
15	QPSK	1	40	23.26	23.40	23.22	24.50
15	QPSK	1	77	23.19	23.34	23.08	24.50
15	QPSK	36	0	23.25	23.43	23.15	23.50
15	QPSK	36	22	23.35	23.45	23.15	24.50
15	QPSK	36	43	23.22	23.39	23.11	23.50
15	QPSK	75	0	23.32	23.44	23.25	23.50
15	16QAM	1	1	22.56	22.66	22.39	23.50
15	64QAM	1	1	21.09	21.27	21.07	22.00
15	256QAM	1	1	19.78	19.90	19.73	20.00
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.52	23.53	23.38	24.50
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.47	23.63	23.39	24.50

【FR1 n12_Ant 0_Full Power】

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	23.60	23.66	23.50	24.50
15	PI/2 BPSK	1	40	23.27	23.44	23.17	24.50
15	PI/2 BPSK	1	77	23.26	23.36	23.18	24.50
15	PI/2 BPSK	36	0	23.29	23.38	23.14	24.00
15	PI/2 BPSK	36	22	23.24	23.34	23.17	24.50
15	PI/2 BPSK	36	43	23.18	23.36	23.18	24.00
15	PI/2 BPSK	75	0	23.32	23.44	23.27	24.00
15	QPSK	1	1	23.39	23.52	23.32	24.50
15	QPSK	1	40	23.26	23.40	23.22	24.50
15	QPSK	1	77	23.19	23.34	23.08	24.50
15	QPSK	36	0	23.25	23.43	23.15	23.50
15	QPSK	36	22	23.35	23.45	23.15	24.50
15	QPSK	36	43	23.22	23.39	23.11	23.50
15	QPSK	75	0	23.32	23.44	23.25	23.50
15	16QAM	1	1	22.56	22.66	22.39	23.50
15	64QAM	1	1	21.09	21.27	21.07	22.00
15	256QAM	1	1	19.78	19.90	19.73	20.00
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.52	23.53	23.38	24.50
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.47	23.63	23.39	24.50

【FR1 n12_Ant 0_Sensor on】

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	23.60	23.66	23.50	24.50
15	PI/2 BPSK	1	40	23.27	23.44	23.17	24.50
15	PI/2 BPSK	1	77	23.26	23.36	23.18	24.50
15	PI/2 BPSK	36	0	23.29	23.38	23.14	24.00
15	PI/2 BPSK	36	22	23.24	23.34	23.17	24.50
15	PI/2 BPSK	36	43	23.18	23.36	23.18	24.00
15	PI/2 BPSK	75	0	23.32	23.44	23.27	24.00
15	QPSK	1	1	23.39	23.52	23.32	24.50
15	QPSK	1	40	23.26	23.40	23.22	24.50
15	QPSK	1	77	23.19	23.34	23.08	24.50
15	QPSK	36	0	23.25	23.43	23.15	23.50
15	QPSK	36	22	23.35	23.45	23.15	24.50
15	QPSK	36	43	23.22	23.39	23.11	23.50
15	QPSK	75	0	23.32	23.44	23.25	23.50
15	16QAM	1	1	22.56	22.66	22.39	23.50
15	64QAM	1	1	21.09	21.27	21.07	22.00
15	256QAM	1	1	19.78	19.90	19.73	20.00
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.52	23.53	23.38	24.50
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.47	23.63	23.39	24.50

【FR1 n12_Ant 0_Hotspot on】

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	23.60	23.66	23.50	24.50
15	PI/2 BPSK	1	40	23.27	23.44	23.17	24.50
15	PI/2 BPSK	1	77	23.26	23.36	23.18	24.50
15	PI/2 BPSK	36	0	23.29	23.38	23.14	24.00
15	PI/2 BPSK	36	22	23.24	23.34	23.17	24.50
15	PI/2 BPSK	36	43	23.18	23.36	23.18	24.00
15	PI/2 BPSK	75	0	23.32	23.44	23.27	24.00
15	QPSK	1	1	23.39	23.52	23.32	24.50
15	QPSK	1	40	23.26	23.40	23.22	24.50
15	QPSK	1	77	23.19	23.34	23.08	24.50
15	QPSK	36	0	23.25	23.43	23.15	23.50
15	QPSK	36	22	23.35	23.45	23.15	24.50
15	QPSK	36	43	23.22	23.39	23.11	23.50
15	QPSK	75	0	23.32	23.44	23.25	23.50
15	16QAM	1	1	22.56	22.66	22.39	23.50
15	64QAM	1	1	21.09	21.27	21.07	22.00
15	256QAM	1	1	19.78	19.90	19.73	20.00
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.52	23.53	23.38	24.50
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.47	23.63	23.39	24.50

【FR1 n13_Ant 0_Sensor off】

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		23.06		24.00
10	PI/2 BPSK	1	26		23.01		24.00
10	PI/2 BPSK	1	50		22.96		24.00
10	PI/2 BPSK	25	0		22.93		24.00
10	PI/2 BPSK	25	14		22.94		24.00
10	PI/2 BPSK	25	27		22.85		24.00
10	PI/2 BPSK	50	0		22.94		24.00
10	QPSK	1	1		23.07		24.00
10	QPSK	1	26		23.03		24.00
10	QPSK	1	50		22.98		24.00
10	QPSK	25	0		22.97		24.00
10	QPSK	25	14		22.96		24.00
10	QPSK	25	27		22.93		24.00
10	QPSK	50	0		22.96		24.00
10	16QAM	1	1		23.10		24.00
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.55		20.50
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	22.92	23.01	22.95	24.00

【FR1 n13_Ant 0_Full Power】

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		23.06		24.00
10	PI/2 BPSK	1	26		23.01		24.00
10	PI/2 BPSK	1	50		22.96		24.00
10	PI/2 BPSK	25	0		22.93		24.00
10	PI/2 BPSK	25	14		22.94		24.00
10	PI/2 BPSK	25	27		22.85		24.00
10	PI/2 BPSK	50	0		22.94		24.00
10	QPSK	1	1		23.07		24.00
10	QPSK	1	26		23.03		24.00
10	QPSK	1	50		22.98		24.00
10	QPSK	25	0		22.97		24.00
10	QPSK	25	14		22.96		24.00
10	QPSK	25	27		22.93		24.00
10	QPSK	50	0		22.96		24.00
10	16QAM	1	1		23.10		24.00
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.55		20.50
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	22.92	23.01	22.95	24.00

【FR1 n13_Ant 0_Sensor on】

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		23.06		24.00
10	PI/2 BPSK	1	26		23.01		24.00
10	PI/2 BPSK	1	50		22.96		24.00
10	PI/2 BPSK	25	0		22.93		24.00
10	PI/2 BPSK	25	14		22.94		24.00
10	PI/2 BPSK	25	27		22.85		24.00
10	PI/2 BPSK	50	0		22.94		24.00
10	QPSK	1	1		23.07		24.00
10	QPSK	1	26		23.03		24.00
10	QPSK	1	50		22.98		24.00



10	QPSK	25	0		22.97		24.00
10	QPSK	25	14		22.96		24.00
10	QPSK	25	27		22.93		24.00
10	QPSK	50	0		22.96		24.00
10	16QAM	1	1		23.10		24.00
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.55		20.50
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	22.92	23.01	22.95	24.00

【FR1 n13_Ant 0_Hotspot on】

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		23.06		24.00
10	PI/2 BPSK	1	26		23.01		24.00
10	PI/2 BPSK	1	50		22.96		24.00
10	PI/2 BPSK	25	0		22.93		24.00
10	PI/2 BPSK	25	14		22.94		24.00
10	PI/2 BPSK	25	27		22.85		24.00
10	PI/2 BPSK	50	0		22.94		24.00
10	QPSK	1	1		23.07		24.00
10	QPSK	1	26		23.03		24.00
10	QPSK	1	50		22.98		24.00
10	QPSK	25	0		22.97		24.00
10	QPSK	25	14		22.96		24.00
10	QPSK	25	27		22.93		24.00
10	QPSK	50	0		22.96		24.00
10	16QAM	1	1		23.10		24.00
10	64QAM	1	1		21.94		22.50
10	256QAM	1	1		19.55		20.50
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	22.92	23.01	22.95	24.00

【FR1 n25_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.12	23.23	23.11	24.50
30	PI/2 BPSK	1	80	23.04	23.19	23.05	24.50
30	PI/2 BPSK	1	158	23.03	23.20	22.95	24.50
30	PI/2 BPSK	80	0	22.99	23.15	23.01	24.50
30	PI/2 BPSK	80	40	23.06	23.18	22.93	24.50
30	PI/2 BPSK	80	80	22.95	23.12	22.95	24.50
30	PI/2 BPSK	160	0	23.00	23.20	22.96	24.50
30	QPSK	1	1	22.87	23.07	22.87	24.50
30	QPSK	1	80	23.06	23.23	23.02	24.50
30	QPSK	1	158	23.00	23.23	22.97	24.50
30	QPSK	80	0	23.01	23.17	23.03	24.50
30	QPSK	80	40	23.03	23.19	23.03	24.50
30	QPSK	80	80	22.96	23.20	22.95	24.50
30	QPSK	160	0	23.02	23.22	23.05	24.50
30	16QAM	1	1	22.98	23.23	23.06	24.50
30	64QAM	1	1	21.71	21.90	21.65	23.00
30	256QAM	1	1	19.52	19.76	19.59	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.09	23.14	22.99	24.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.02	23.19	23.03	24.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.07	23.17	22.97	24.50
Channel				371000	376500	382000	Tune-up limit



Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	23.00	23.12	23.07	24.50
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	23.00	23.19	23.02	24.50

【FR1 n25_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.12	23.23	23.11	24.50
30	PI/2 BPSK	1	80	23.04	23.19	23.05	24.50
30	PI/2 BPSK	1	158	23.03	23.20	22.95	24.50
30	PI/2 BPSK	80	0	22.99	23.15	23.01	24.50
30	PI/2 BPSK	80	40	23.06	23.18	22.93	24.50
30	PI/2 BPSK	80	80	22.95	23.12	22.95	24.50
30	PI/2 BPSK	160	0	23.00	23.20	22.96	24.50
30	QPSK	1	1	22.87	23.07	22.87	24.50
30	QPSK	1	80	23.06	23.23	23.02	24.50
30	QPSK	1	158	23.00	23.23	22.97	24.50
30	QPSK	80	0	23.01	23.17	23.03	24.50
30	QPSK	80	40	23.03	23.19	23.03	24.50
30	QPSK	80	80	22.96	23.20	22.95	24.50
30	QPSK	160	0	23.02	23.22	23.05	24.50
30	16QAM	1	1	22.98	23.23	23.06	24.50
30	64QAM	1	1	21.71	21.90	21.65	23.00
30	256QAM	1	1	19.52	19.76	19.59	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.09	23.14	22.99	24.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.02	23.19	23.03	24.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.07	23.17	22.97	24.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.00	23.12	23.07	24.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.00	23.19	23.02	24.50

【FR1 n25_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	14.70	14.80	14.58	16.00
30	PI/2 BPSK	1	80	14.67	14.67	14.55	16.00
30	PI/2 BPSK	1	158	14.54	14.78	14.69	16.00
30	PI/2 BPSK	80	0	14.60	14.76	14.57	16.00
30	PI/2 BPSK	80	40	14.65	14.78	14.61	16.00
30	PI/2 BPSK	80	80	14.52	14.66	14.67	16.00
30	PI/2 BPSK	160	0	14.67	14.76	14.64	16.00
30	QPSK	1	1	14.60	14.77	14.69	16.00
30	QPSK	1	80	14.66	14.76	14.70	16.00
30	QPSK	1	158	14.65	14.76	14.59	16.00
30	QPSK	80	0	14.53	14.82	14.68	16.00
30	QPSK	80	40	14.58	14.75	14.57	16.00
30	QPSK	80	80	14.69	14.63	14.70	16.00
30	QPSK	160	0	14.56	14.63	14.62	16.00
30	16QAM	1	1	14.65	14.74	14.62	16.00
30	64QAM	1	1	14.65	14.73	14.71	16.00
30	256QAM	1	1	14.66	14.73	14.53	16.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	14.67	14.75	14.45	16.00



Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	14.59	14.73	14.46	16.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	14.59	14.79	14.44	16.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	14.58	14.66	14.49	16.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	14.55	14.65	14.45	16.00

【FR1 n25_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	14.70	14.80	14.58	16.00
30	PI/2 BPSK	1	80	14.67	14.67	14.55	16.00
30	PI/2 BPSK	1	158	14.54	14.78	14.69	16.00
30	PI/2 BPSK	80	0	14.60	14.76	14.57	16.00
30	PI/2 BPSK	80	40	14.65	14.78	14.61	16.00
30	PI/2 BPSK	80	80	14.52	14.66	14.67	16.00
30	PI/2 BPSK	160	0	14.67	14.76	14.64	16.00
30	QPSK	1	1	14.60	14.77	14.69	16.00
30	QPSK	1	80	14.66	14.76	14.70	16.00
30	QPSK	1	158	14.65	14.76	14.59	16.00
30	QPSK	80	0	14.53	14.82	14.68	16.00
30	QPSK	80	40	14.58	14.75	14.57	16.00
30	QPSK	80	80	14.69	14.63	14.70	16.00
30	QPSK	160	0	14.56	14.63	14.62	16.00
30	16QAM	1	1	14.65	14.74	14.62	16.00
30	64QAM	1	1	14.65	14.73	14.71	16.00
30	256QAM	1	1	14.66	14.73	14.53	16.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	14.67	14.75	14.45	16.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	14.59	14.73	14.46	16.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	14.59	14.79	14.44	16.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	14.58	14.66	14.49	16.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	14.55	14.65	14.45	16.00

【FR1 n25_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.18	23.17	23.15	24.00
30	PI/2 BPSK	1	80	23.14	23.16	23.05	24.00
30	PI/2 BPSK	1	158	23.02	23.15	22.98	24.00
30	PI/2 BPSK	80	0	23.11	23.14	23.06	24.00
30	PI/2 BPSK	80	40	23.11	23.15	23.10	24.00
30	PI/2 BPSK	80	80	23.03	23.12	23.07	24.00
30	PI/2 BPSK	160	0	23.18	23.21	23.05	24.00
30	QPSK	1	1	23.12	23.15	23.06	24.00
30	QPSK	1	80	23.16	23.25	23.11	24.00
30	QPSK	1	158	23.18	23.23	23.14	24.00
30	QPSK	80	0	23.13	23.20	23.05	24.00
30	QPSK	80	40	23.07	23.19	23.15	24.00
30	QPSK	80	80	23.09	23.14	23.03	24.00



30	QPSK	160	0	23.12	23.19	23.05	24.00
30	16QAM	1	1	23.17	23.14	23.14	24.00
30	64QAM	1	1	21.74	21.80	21.69	22.50
30	256QAM	1	1	19.82	19.93	19.90	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.14	23.11	23.06	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.12	23.03	23.07	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.09	23.06	23.03	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.08	23.14	23.08	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.16	23.08	23.02	24.00

【FR1 n25_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.18	23.17	23.15	24.00
30	PI/2 BPSK	1	80	23.14	23.16	23.05	24.00
30	PI/2 BPSK	1	158	23.02	23.15	22.98	24.00
30	PI/2 BPSK	80	0	23.11	23.14	23.06	24.00
30	PI/2 BPSK	80	40	23.11	23.15	23.10	24.00
30	PI/2 BPSK	80	80	23.03	23.12	23.07	24.00
30	PI/2 BPSK	160	0	23.18	23.21	23.05	24.00
30	QPSK	1	1	23.12	23.15	23.06	24.00
30	QPSK	1	80	23.16	23.25	23.11	24.00
30	QPSK	1	158	23.18	23.23	23.14	24.00
30	QPSK	80	0	23.13	23.20	23.05	24.00
30	QPSK	80	40	23.07	23.19	23.15	24.00
30	QPSK	80	80	23.09	23.14	23.03	24.00
30	QPSK	160	0	23.12	23.19	23.05	24.00
30	16QAM	1	1	23.17	23.14	23.14	24.00
30	64QAM	1	1	21.74	21.80	21.69	22.50
30	256QAM	1	1	19.82	19.93	19.90	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.14	23.11	23.06	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.12	23.03	23.07	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.09	23.06	23.03	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.08	23.14	23.08	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.16	23.08	23.02	24.00

【FR1 n25_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.18	23.17	23.15	24.00
30	PI/2 BPSK	1	80	23.14	23.16	23.05	24.00
30	PI/2 BPSK	1	158	23.02	23.15	22.98	24.00
30	PI/2 BPSK	80	0	23.11	23.18	23.06	24.00
30	PI/2 BPSK	80	40	23.11	23.19	23.10	24.00
30	PI/2 BPSK	80	80	23.03	23.12	23.07	24.00



30	PI/2 BPSK	160	0	23.18	23.21	23.05	24.00
30	QPSK	1	1	23.12	23.15	23.06	24.00
30	QPSK	1	80	23.16	23.25	23.11	24.00
30	QPSK	1	158	23.18	23.23	23.14	24.00
30	QPSK	80	0	23.13	23.20	23.05	24.00
30	QPSK	80	40	23.07	23.19	23.15	24.00
30	QPSK	80	80	23.09	23.14	23.03	24.00
30	QPSK	160	0	23.12	23.19	23.05	24.00
30	16QAM	1	1	23.17	23.14	23.14	24.00
30	64QAM	1	1	21.74	21.80	21.69	22.50
30	256QAM	1	1	19.82	19.93	19.90	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.14	23.11	23.06	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.12	23.03	23.07	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.09	23.06	23.03	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.08	23.14	23.08	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.16	23.08	23.02	24.00

【FR1 n25_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.18	23.17	23.15	24.00
30	PI/2 BPSK	1	80	23.14	23.16	23.05	24.00
30	PI/2 BPSK	1	158	23.02	23.15	22.98	24.00
30	PI/2 BPSK	80	0	23.11	23.18	23.06	24.00
30	PI/2 BPSK	80	40	23.11	23.19	23.10	24.00
30	PI/2 BPSK	80	80	23.03	23.12	23.07	24.00
30	PI/2 BPSK	160	0	23.18	23.21	23.05	24.00
30	QPSK	1	1	23.12	23.15	23.06	24.00
30	QPSK	1	80	23.16	23.25	23.11	24.00
30	QPSK	1	158	23.18	23.23	23.14	24.00
30	QPSK	80	0	23.13	23.20	23.05	24.00
30	QPSK	80	40	23.07	23.19	23.15	24.00
30	QPSK	80	80	23.09	23.14	23.03	24.00
30	QPSK	160	0	23.12	23.19	23.05	24.00
30	16QAM	1	1	23.17	23.14	23.14	24.00
30	64QAM	1	1	21.74	21.80	21.69	22.50
30	256QAM	1	1	19.82	19.93	19.90	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.14	23.11	23.06	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.12	23.03	23.07	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.09	23.06	23.03	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.08	23.14	23.08	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.16	23.08	23.02	24.00

【FR1 n25_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.56	23.78	23.60	24.50
30	PI/2 BPSK	1	80	23.25	23.54	23.25	24.50
30	PI/2 BPSK	1	158	23.29	23.53	23.21	24.50
30	PI/2 BPSK	80	0	23.18	23.50	23.19	24.50
30	PI/2 BPSK	80	40	23.34	23.58	23.31	24.50
30	PI/2 BPSK	80	80	23.31	23.55	23.22	24.50
30	PI/2 BPSK	160	0	23.24	23.54	23.30	24.50
30	QPSK	1	1	23.28	23.62	23.43	24.50
30	QPSK	1	80	23.24	23.57	23.36	24.50
30	QPSK	1	158	23.23	23.56	23.25	24.50
30	QPSK	80	0	23.26	23.55	23.30	24.50
30	QPSK	80	40	23.21	23.53	23.29	24.50
30	QPSK	80	80	23.22	23.58	23.30	24.50
30	QPSK	160	0	23.23	23.57	23.36	24.50
30	16QAM	1	1	23.41	23.78	23.57	24.50
30	64QAM	1	1	21.92	22.18	21.97	23.00
30	256QAM	1	1	19.97	20.30	20.01	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.44	23.68	23.48	24.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.55	23.75	23.50	24.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.52	23.74	23.56	24.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.46	23.73	23.56	24.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.52	23.76	23.53	24.50

【FR1 n25_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.56	23.78	23.60	24.50
30	PI/2 BPSK	1	80	23.25	23.54	23.25	24.50
30	PI/2 BPSK	1	158	23.29	23.53	23.21	24.50
30	PI/2 BPSK	80	0	23.18	23.50	23.19	24.50
30	PI/2 BPSK	80	40	23.34	23.58	23.31	24.50
30	PI/2 BPSK	80	80	23.31	23.55	23.22	24.50
30	PI/2 BPSK	160	0	23.24	23.54	23.30	24.50
30	QPSK	1	1	23.28	23.62	23.43	24.50
30	QPSK	1	80	23.24	23.57	23.36	24.50
30	QPSK	1	158	23.23	23.56	23.25	24.50
30	QPSK	80	0	23.26	23.55	23.30	24.50
30	QPSK	80	40	23.21	23.53	23.29	24.50
30	QPSK	80	80	23.22	23.58	23.30	24.50
30	QPSK	160	0	23.23	23.57	23.36	24.50
30	16QAM	1	1	23.41	23.78	23.57	24.50
30	64QAM	1	1	21.92	22.18	21.97	23.00
30	256QAM	1	1	19.97	20.30	20.01	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.44	23.68	23.48	24.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.55	23.75	23.50	24.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.52	23.74	23.56	24.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	



10	PI/2 BPSK	1	1	23.46	23.73	23.56	24.50
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	23.52	23.76	23.53	24.50

【FR1 n25_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.50	20.84	20.59	21.50
30	PI/2 BPSK	1	80	20.62	20.74	20.56	21.50
30	PI/2 BPSK	1	158	20.48	20.71	20.66	21.50
30	PI/2 BPSK	80	0	20.54	20.77	20.63	21.50
30	PI/2 BPSK	80	40	20.56	20.79	20.68	21.50
30	PI/2 BPSK	80	80	20.53	20.71	20.51	21.50
30	PI/2 BPSK	160	0	20.62	20.73	20.56	21.50
30	QPSK	1	1	20.52	20.87	20.50	21.50
30	QPSK	1	80	20.49	20.80	20.62	21.50
30	QPSK	1	158	20.53	20.83	20.57	21.50
30	QPSK	80	0	20.63	20.73	20.57	21.50
30	QPSK	80	40	20.57	20.88	20.51	21.50
30	QPSK	80	80	20.66	20.86	20.66	21.50
30	QPSK	160	0	20.58	20.69	20.63	21.50
30	16QAM	1	1	20.58	20.80	20.57	21.50
30	64QAM	1	1	20.54	20.72	20.52	21.50
30	256QAM	1	1	19.97	20.30	20.01	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.38	20.82	20.45	21.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.42	20.75	20.54	21.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.39	20.73	20.44	21.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.42	20.75	20.51	21.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.45	20.71	20.56	21.50

【FR1 n25_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.50	20.84	20.59	21.50
30	PI/2 BPSK	1	80	20.62	20.74	20.56	21.50
30	PI/2 BPSK	1	158	20.48	20.71	20.66	21.50
30	PI/2 BPSK	80	0	20.54	20.77	20.63	21.50
30	PI/2 BPSK	80	40	20.56	20.79	20.68	21.50
30	PI/2 BPSK	80	80	20.53	20.71	20.51	21.50
30	PI/2 BPSK	160	0	20.62	20.73	20.56	21.50
30	QPSK	1	1	20.52	20.87	20.50	21.50
30	QPSK	1	80	20.49	20.80	20.62	21.50
30	QPSK	1	158	20.53	20.83	20.57	21.50
30	QPSK	80	0	20.63	20.73	20.57	21.50
30	QPSK	80	40	20.57	20.88	20.51	21.50
30	QPSK	80	80	20.66	20.86	20.66	21.50
30	QPSK	160	0	20.58	20.69	20.63	21.50
30	16QAM	1	1	20.58	20.80	20.57	21.50
30	64QAM	1	1	20.54	20.72	20.52	21.50
30	256QAM	1	1	19.97	20.30	20.01	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.38	20.82	20.45	21.50
Channel				372000	376500	381000	Tune-up limit



Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	20.62	20.73	20.56	21.50
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	20.53	20.83	20.57	21.50
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	20.66	20.86	20.66	21.50
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	20.54	20.72	20.52	21.50

【FR1 n26__FCC_Ant 0_Sensor off】

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	23.05	23.09	23.08	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.96	24.00
20	PI/2 BPSK	1	104	22.86	22.96	22.90	24.00
20	PI/2 BPSK	50	0	22.90	23.03	22.90	24.00
20	PI/2 BPSK	50	28	22.98	23.08	22.93	24.00
20	PI/2 BPSK	50	56	22.92	23.05	23.01	24.00
20	PI/2 BPSK	100	0	23.00	23.06	22.92	24.00
20	QPSK	1	1	22.94	23.10	23.00	24.00
20	QPSK	1	53	22.89	23.02	22.91	24.00
20	QPSK	1	104	22.87	23.01	22.92	24.00
20	QPSK	50	0	22.84	23.02	22.90	24.00
20	QPSK	50	28	23.00	23.05	22.90	24.00
20	QPSK	50	56	22.98	23.09	23.01	24.00
20	QPSK	100	0	22.86	23.04	22.99	24.00
20	16QAM	1	1	23.04	23.01	23.04	24.00
20	64QAM	1	1	21.76	21.85	21.76	22.50
20	256QAM	1	1	19.51	19.62	19.53	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.92	22.98	23.02	24.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.05	23.09	23.08	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.03	22.95	23.00	24.00

【FR1 n26__FCC_Ant 0_Full Power】

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	23.05	23.09	23.08	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.96	24.00
20	PI/2 BPSK	1	104	22.86	22.96	22.90	24.00
20	PI/2 BPSK	50	0	22.90	23.03	22.90	24.00
20	PI/2 BPSK	50	28	22.98	23.08	22.93	24.00
20	PI/2 BPSK	50	56	22.92	23.05	23.01	24.00
20	PI/2 BPSK	100	0	23.00	23.06	22.92	24.00
20	QPSK	1	1	22.94	23.10	23.00	24.00
20	QPSK	1	53	22.89	23.02	22.91	24.00
20	QPSK	1	104	22.87	23.01	22.92	24.00
20	QPSK	50	0	22.84	23.02	22.90	24.00
20	QPSK	50	28	23.00	23.05	22.90	24.00
20	QPSK	50	56	22.98	23.09	23.01	24.00
20	QPSK	100	0	22.86	23.04	22.99	24.00
20	16QAM	1	1	23.04	23.01	23.04	24.00
20	64QAM	1	1	21.76	21.85	21.76	22.50
20	256QAM	1	1	19.51	19.62	19.53	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.92	22.98	23.02	24.00



Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.05	23.09	23.08	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	23.03	22.95	23.00	24.00

【FR1 n26__FCC_Ant 0_Sensor on】

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	22.09	22.18	22.08	23.00
20	PI/2 BPSK	1	53	22.03	22.17	22.10	23.00
20	PI/2 BPSK	1	104	22.13	22.15	22.06	23.00
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.00
20	PI/2 BPSK	50	28	22.08	22.12	22.06	23.00
20	PI/2 BPSK	50	56	22.03	22.05	22.03	23.00
20	PI/2 BPSK	100	0	21.97	22.15	22.11	23.00
20	QPSK	1	1	22.02	22.14	22.08	23.00
20	QPSK	1	53	21.99	22.03	22.15	23.00
20	QPSK	1	104	22.01	22.15	22.04	23.00
20	QPSK	50	0	22.04	22.03	22.07	23.00
20	QPSK	50	28	22.13	22.09	22.12	23.00
20	QPSK	50	56	22.02	22.13	22.02	23.00
20	QPSK	100	0	22.13	22.18	22.09	23.00
20	16QAM	1	1	22.04	22.04	22.06	23.00
20	64QAM	1	1	21.76	21.85	21.76	22.50
20	256QAM	1	1	19.51	19.62	19.53	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.03	22.13	22.04	23.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	22.09	22.18	22.08	23.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.07	22.12	22.01	23.00

【FR1 n26__FCC_Ant 0_Hotspot on】

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	22.09	22.18	22.08	23.00
20	PI/2 BPSK	1	53	22.03	22.17	22.10	23.00
20	PI/2 BPSK	1	104	22.13	22.15	22.06	23.00
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.00
20	PI/2 BPSK	50	28	22.08	22.12	22.06	23.00
20	PI/2 BPSK	50	56	22.03	22.05	22.03	23.00
20	PI/2 BPSK	100	0	21.97	22.15	22.11	23.00
20	QPSK	1	1	22.02	22.14	22.08	23.00
20	QPSK	1	53	21.99	22.03	22.15	23.00
20	QPSK	1	104	22.01	22.15	22.04	23.00
20	QPSK	50	0	22.04	22.03	22.07	23.00
20	QPSK	50	28	22.13	22.09	22.12	23.00
20	QPSK	50	56	22.02	22.13	22.02	23.00
20	QPSK	100	0	22.13	22.18	22.09	23.00
20	16QAM	1	1	22.04	22.04	22.06	23.00
20	64QAM	1	1	21.76	21.85	21.76	22.50
20	256QAM	1	1	19.51	19.62	19.53	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.03	22.13	22.04	23.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	22.09	22.18	22.08	23.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.07	22.12	22.01	23.00



<FR1 n30_Ant 0_Full Power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.12	24.00
10		1	26	22.94	24.00
10		1	50	22.91	24.00
10		25	0	22.81	24.00
10		25	14	22.84	24.00
10		25	27	22.83	24.00
10		50	0	22.83	24.00
10	QPSK	1	1	23.05	24.00
10		1	26	23.00	24.00
10		1	50	22.94	24.00
10		25	0	22.88	24.00
10		25	14	22.92	24.00
10		25	27	22.87	24.00
10		50	0	22.92	24.00
10	16QAM	1	1	23.12	24.00
10	64QAM	1	1	21.82	22.50
10	256QAM	1	1	19.46	20.50

<FR1 n30_Ant 1_Full Power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.21	24.00
10		1	26	23.00	24.00
10		1	50	23.02	24.00
10		25	0	22.93	24.00
10		25	14	22.99	24.00
10		25	27	22.87	24.00
10		50	0	22.97	24.00
10	QPSK	1	1	23.07	24.00
10		1	26	23.08	24.00
10		1	50	23.05	24.00
10		25	0	23.02	24.00
10		25	14	22.98	24.00
10		25	27	22.94	24.00
10		50	0	22.97	24.00
10	16QAM	1	1	23.20	24.00
10	64QAM	1	1	21.90	22.50
10	256QAM	1	1	19.59	20.50



<FR1 n30_Ant 4_Full Power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.22	24.00
10		1	26	23.07	24.00
10		1	50	22.98	24.00
10		25	0	22.92	24.00
10		25	14	22.95	24.00
10		25	27	22.94	24.00
10		50	0	23.00	24.00
10	QPSK	1	1	23.04	24.00
10		1	26	23.07	24.00
10		1	50	23.08	24.00
10		25	0	23.00	24.00
10		25	14	23.05	24.00
10		25	27	22.97	24.00
10		50	0	22.98	24.00
10	16QAM	1	1	23.21	24.00
10	64QAM	1	1	21.85	22.50
10	256QAM	1	1	19.53	20.50

<FR1 n30_Ant 5_Full Power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.41	24.00
10		1	26	23.25	24.00
10		1	50	23.26	24.00
10		25	0	23.31	24.00
10		25	14	23.38	24.00
10		25	27	23.30	24.00
10		50	0	23.20	24.00
10	QPSK	1	1	23.23	24.00
10		1	26	23.21	24.00
10		1	50	23.40	24.00
10		25	0	23.26	24.00
10		25	14	23.42	24.00
10		25	27	23.21	24.00
10		50	0	23.25	24.00
10	16QAM	1	1	23.36	24.00
10	64QAM	1	1	22.27	23.00
10	256QAM	1	1	19.80	20.50



<FR1 n30_Ant 0_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	16.65	17.50
10		1	26	16.63	17.50
10		1	50	16.64	17.50
10		25	0	16.54	17.50
10		25	14	16.58	17.50
10		25	27	16.58	17.50
10		50	0	16.57	17.50
10	QPSK	1	1	16.64	17.50
10		1	26	16.56	17.50
10		1	50	16.63	17.50
10		25	0	16.59	17.50
10		25	14	16.56	17.50
10		25	27	16.63	17.50
10		50	0	16.60	17.50
10	16QAM	1	1	16.59	17.50
10	64QAM	1	1	16.55	17.50
10	256QAM	1	1	16.54	17.50

<FR1 n30_Ant 1_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	19.78	20.50
10		1	26	19.72	20.50
10		1	50	19.68	20.50
10		25	0	19.75	20.50
10		25	14	19.76	20.50
10		25	27	19.60	20.50
10		50	0	19.66	20.50
10	QPSK	1	1	19.71	20.50
10		1	26	19.65	20.50
10		1	50	19.68	20.50
10		25	0	19.75	20.50
10		25	14	19.73	20.50
10		25	27	19.67	20.50
10		50	0	19.67	20.50
10	16QAM	1	1	19.71	20.50
10	64QAM	1	1	19.65	20.50
10	256QAM	1	1	19.80	20.50



<FR1 n30_Ant 4_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.22	24.00
10		1	26	23.07	24.00
10		1	50	22.98	24.00
10		25	0	22.92	24.00
10		25	14	22.95	24.00
10		25	27	22.94	24.00
10		50	0	23.00	24.00
10	QPSK	1	1	23.04	24.00
10		1	26	23.07	24.00
10		1	50	23.08	24.00
10		25	0	23.00	24.00
10		25	14	23.05	24.00
10		25	27	22.97	24.00
10		50	0	22.98	24.00
10	16QAM	1	1	23.21	24.00
10	64QAM	1	1	21.85	22.50
10	256QAM	1	1	19.53	20.50

<FR1 n30_Ant 5_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	17.36	18.00
10		1	26	17.30	18.00
10		1	50	17.33	18.00
10		25	0	17.30	18.00
10		25	14	17.35	18.00
10		25	27	17.33	18.00
10		50	0	17.29	18.00
10	QPSK	1	1	17.34	18.00
10		1	26	17.28	18.00
10		1	50	17.26	18.00
10		25	0	17.31	18.00
10		25	14	17.28	18.00
10		25	27	17.30	18.00
10		50	0	17.27	18.00
10	16QAM	1	1	17.22	18.00
10	64QAM	1	1	17.30	18.00
10	256QAM	1	1	17.28	18.00



<FR1 n30_Ant 0_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	16.65	17.50
10		1	26	16.63	17.50
10		1	50	16.64	17.50
10		25	0	16.54	17.50
10		25	14	16.58	17.50
10		25	27	16.58	17.50
10		50	0	16.57	17.50
10	QPSK	1	1	16.64	17.50
10		1	26	16.56	17.50
10		1	50	16.63	17.50
10		25	0	16.59	17.50
10		25	14	16.56	17.50
10		25	27	16.63	17.50
10		50	0	16.60	17.50
10	16QAM	1	1	16.59	17.50
10	64QAM	1	1	16.55	17.50
10	256QAM	1	1	16.54	17.50

<FR1 n30_Ant 1_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	19.78	20.50
10		1	26	19.72	20.50
10		1	50	19.68	20.50
10		25	0	19.75	20.50
10		25	14	19.76	20.50
10		25	27	19.60	20.50
10		50	0	19.66	20.50
10	QPSK	1	1	19.71	20.50
10		1	26	19.65	20.50
10		1	50	19.68	20.50
10		25	0	19.75	20.50
10		25	14	19.73	20.50
10		25	27	19.67	20.50
10		50	0	19.67	20.50
10	16QAM	1	1	19.71	20.50
10	64QAM	1	1	19.65	20.50
10	256QAM	1	1	19.80	20.50



<FR1 n30_Ant 4_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.22	24.00
10		1	26	23.07	24.00
10		1	50	22.98	24.00
10		25	0	22.92	24.00
10		25	14	22.95	24.00
10		25	27	22.94	24.00
10		50	0	23.00	24.00
10	QPSK	1	1	23.04	24.00
10		1	26	23.07	24.00
10		1	50	23.08	24.00
10		25	0	23.00	24.00
10		25	14	23.05	24.00
10		25	27	22.97	24.00
10		50	0	22.98	24.00
10	16QAM	1	1	23.21	24.00
10	64QAM	1	1	21.85	22.50
10	256QAM	1	1	19.53	20.50

<FR1 n30_Ant 5_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	17.36	18.00
10		1	26	17.30	18.00
10		1	50	17.33	18.00
10		25	0	17.30	18.00
10		25	14	17.35	18.00
10		25	27	17.33	18.00
10		50	0	17.29	18.00
10	QPSK	1	1	17.34	18.00
10		1	26	17.28	18.00
10		1	50	17.26	18.00
10		25	0	17.31	18.00
10		25	14	17.28	18.00
10		25	27	17.30	18.00
10		50	0	17.27	18.00
10	16QAM	1	1	17.22	18.00
10	64QAM	1	1	17.30	18.00
10	256QAM	1	1	17.28	18.00



<FR1 n30_Ant 0_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.12	24.00
10		1	26	22.94	24.00
10		1	50	22.91	24.00
10		25	0	22.81	24.00
10		25	14	22.84	24.00
10		25	27	22.83	24.00
10		50	0	22.83	24.00
10	QPSK	1	1	23.05	24.00
10		1	26	23.00	24.00
10		1	50	22.94	24.00
10		25	0	22.88	24.00
10		25	14	22.92	24.00
10		25	27	22.87	24.00
10		50	0	22.92	24.00
10	16QAM	1	1	23.12	24.00
10	64QAM	1	1	21.82	22.50
10	256QAM	1	1	19.46	20.50

<FR1 n30_Ant 1_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.21	24.00
10		1	26	23.00	24.00
10		1	50	23.02	24.00
10		25	0	22.93	24.00
10		25	14	22.99	24.00
10		25	27	22.87	24.00
10		50	0	22.97	24.00
10	QPSK	1	1	23.07	24.00
10		1	26	23.08	24.00
10		1	50	23.05	24.00
10		25	0	23.02	24.00
10		25	14	22.98	24.00
10		25	27	22.94	24.00
10		50	0	22.97	24.00
10	16QAM	1	1	23.20	24.00
10	64QAM	1	1	21.90	22.50
10	256QAM	1	1	19.59	20.50



<FR1 n30_Ant 4_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.22	24.00
10		1	26	23.07	24.00
10		1	50	22.98	24.00
10		25	0	22.92	24.00
10		25	14	22.95	24.00
10		25	27	22.94	24.00
10		50	0	23.00	24.00
10	QPSK	1	1	23.04	24.00
10		1	26	23.07	24.00
10		1	50	23.08	24.00
10		25	0	23.00	24.00
10		25	14	23.05	24.00
10		25	27	22.97	24.00
10		50	0	22.98	24.00
10	16QAM	1	1	23.21	24.00
10	64QAM	1	1	21.85	22.50
10	256QAM	1	1	19.53	20.50

<FR1 n30_Ant 5_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.41	24.00
10		1	26	23.25	24.00
10		1	50	23.26	24.00
10		25	0	23.31	24.00
10		25	14	23.38	24.00
10		25	27	23.30	24.00
10		50	0	23.20	24.00
10	QPSK	1	1	23.23	24.00
10		1	26	23.21	24.00
10		1	50	23.40	24.00
10		25	0	23.26	24.00
10		25	14	23.42	24.00
10		25	27	23.21	24.00
10		50	0	23.25	24.00
10	16QAM	1	1	23.36	24.00
10	64QAM	1	1	22.27	23.00
10	256QAM	1	1	19.80	20.50



【FR1 n38_Ant 0_Sensor off】

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	22.86	22.97	22.80	24.00
40	PI/2 BPSK	1	53	22.45	22.66	22.46	24.00
40	PI/2 BPSK	1	104	22.49	22.67	22.37	24.00
40	PI/2 BPSK	50	0	22.53	22.65	22.44	24.00
40	PI/2 BPSK	50	28	22.49	22.72	22.48	24.00
40	PI/2 BPSK	50	56	22.47	22.61	22.39	24.00
40	PI/2 BPSK	100	0	22.52	22.72	22.42	24.00
40	QPSK	1	1	22.74	22.86	22.65	24.00
40	QPSK	1	53	22.58	22.83	22.61	24.00
40	QPSK	1	104	22.62	22.81	22.50	24.00
40	QPSK	50	0	22.68	22.83	22.57	24.00
40	QPSK	50	28	22.54	22.73	22.42	24.00
40	QPSK	50	56	22.46	22.71	22.53	24.00
40	QPSK	100	0	22.62	22.76	22.55	24.00
40	16QAM	1	1	22.75	23.00	22.71	24.00
40	64QAM	1	1	21.37	21.61	21.39	22.50
40	256QAM	1	1	19.34	19.51	19.24	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.80	22.86	22.74	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.93	22.71	24.00

【FR1 n38_Ant 0_Full Power】

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	22.86	22.97	22.80	24.00
40	PI/2 BPSK	1	53	22.45	22.66	22.46	24.00
40	PI/2 BPSK	1	104	22.49	22.67	22.37	24.00
40	PI/2 BPSK	50	0	22.53	22.65	22.44	24.00
40	PI/2 BPSK	50	28	22.49	22.72	22.48	24.00
40	PI/2 BPSK	50	56	22.47	22.61	22.39	24.00
40	PI/2 BPSK	100	0	22.52	22.72	22.42	24.00
40	QPSK	1	1	22.74	22.86	22.65	24.00
40	QPSK	1	53	22.58	22.83	22.61	24.00
40	QPSK	1	104	22.62	22.81	22.50	24.00
40	QPSK	50	0	22.68	22.83	22.57	24.00
40	QPSK	50	28	22.54	22.73	22.42	24.00
40	QPSK	50	56	22.46	22.71	22.53	24.00
40	QPSK	100	0	22.62	22.76	22.55	24.00
40	16QAM	1	1	22.75	23.00	22.71	24.00
40	64QAM	1	1	21.37	21.61	21.39	22.50
40	256QAM	1	1	19.34	19.51	19.24	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.80	22.86	22.74	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.93	22.71	24.00

【FR1 n38_Ant 0_Sensor on】

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	22.86	22.97	22.80	24.00
40	PI/2 BPSK	1	53	22.45	22.66	22.46	24.00
40	PI/2 BPSK	1	104	22.49	22.67	22.37	24.00
40	PI/2 BPSK	50	0	22.53	22.65	22.44	24.00
40	PI/2 BPSK	50	28	22.49	22.72	22.48	24.00
40	PI/2 BPSK	50	56	22.47	22.61	22.39	24.00
40	PI/2 BPSK	100	0	22.52	22.72	22.42	24.00
40	QPSK	1	1	22.74	22.86	22.65	24.00
40	QPSK	1	53	22.58	22.83	22.61	24.00
40	QPSK	1	104	22.62	22.81	22.50	24.00
40	QPSK	50	0	22.68	22.83	22.57	24.00
40	QPSK	50	28	22.54	22.73	22.42	24.00
40	QPSK	50	56	22.46	22.71	22.53	24.00
40	QPSK	100	0	22.62	22.76	22.55	24.00
40	16QAM	1	1	22.75	23.00	22.71	24.00
40	64QAM	1	1	21.37	21.61	21.39	22.50
40	256QAM	1	1	19.34	19.51	19.24	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.80	22.86	22.74	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.93	22.71	24.00

【FR1 n38_Ant 0_Hotspot on】

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	22.86	22.97	22.80	24.00
40	PI/2 BPSK	1	53	22.45	22.66	22.46	24.00
40	PI/2 BPSK	1	104	22.49	22.67	22.37	24.00
40	PI/2 BPSK	50	0	22.53	22.65	22.44	24.00
40	PI/2 BPSK	50	28	22.49	22.72	22.48	24.00
40	PI/2 BPSK	50	56	22.47	22.61	22.39	24.00
40	PI/2 BPSK	100	0	22.52	22.72	22.42	24.00
40	QPSK	1	1	22.74	22.86	22.65	24.00
40	QPSK	1	53	22.58	22.83	22.61	24.00
40	QPSK	1	104	22.62	22.81	22.50	24.00
40	QPSK	50	0	22.68	22.83	22.57	24.00
40	QPSK	50	28	22.54	22.73	22.42	24.00
40	QPSK	50	56	22.46	22.71	22.53	24.00
40	QPSK	100	0	22.62	22.76	22.55	24.00
40	16QAM	1	1	22.75	23.00	22.71	24.00
40	64QAM	1	1	21.37	21.61	21.39	22.50
40	256QAM	1	1	19.34	19.51	19.24	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.80	22.86	22.74	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.93	22.71	24.00

【FR1 n38_Ant 1_Sensor off】

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	23.46	23.48	23.40	24.00
40	PI/2 BPSK	1	53	23.29	23.38	23.15	24.00
40	PI/2 BPSK	1	104	23.34	23.42	23.23	24.00
40	PI/2 BPSK	50	0	23.24	23.38	23.25	24.00
40	PI/2 BPSK	50	28	23.32	23.43	23.22	24.00
40	PI/2 BPSK	50	56	23.30	23.41	23.30	24.00
40	PI/2 BPSK	100	0	23.24	23.37	23.15	24.00
40	QPSK	1	1	23.46	23.63	23.38	24.00
40	QPSK	1	53	23.24	23.39	23.19	24.00
40	QPSK	1	104	23.46	23.52	23.31	24.00
40	QPSK	50	0	23.29	23.44	23.22	24.00
40	QPSK	50	28	23.24	23.39	23.19	24.00
40	QPSK	50	56	22.95	23.00	22.78	24.00
40	QPSK	100	0	23.13	23.23	23.00	24.00
40	16QAM	1	1	23.34	23.45	23.24	24.00
40	64QAM	1	1	22.05	22.22	22.08	22.50
40	256QAM	1	1	19.68	19.84	19.66	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.38	23.33	23.35	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.37	23.41	23.28	24.00

【FR1 n38_Ant 1_Full Power】

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	23.46	23.48	23.40	24.00
40	PI/2 BPSK	1	53	23.29	23.38	23.15	24.00
40	PI/2 BPSK	1	104	23.34	23.42	23.23	24.00
40	PI/2 BPSK	50	0	23.24	23.38	23.25	24.00
40	PI/2 BPSK	50	28	23.32	23.43	23.22	24.00
40	PI/2 BPSK	50	56	23.30	23.41	23.30	24.00
40	PI/2 BPSK	100	0	23.24	23.37	23.15	24.00
40	QPSK	1	1	23.46	23.63	23.38	24.00
40	QPSK	1	53	23.24	23.39	23.19	24.00
40	QPSK	1	104	23.46	23.52	23.31	24.00
40	QPSK	50	0	23.29	23.44	23.22	24.00
40	QPSK	50	28	23.24	23.39	23.19	24.00
40	QPSK	50	56	22.95	23.00	22.78	24.00
40	QPSK	100	0	23.13	23.23	23.00	24.00
40	16QAM	1	1	23.34	23.45	23.24	24.00
40	64QAM	1	1	22.05	22.22	22.08	22.50
40	256QAM	1	1	19.68	19.84	19.66	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.38	23.33	23.35	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.37	23.41	23.28	24.00

【FR1 n38_Ant 1_Sensor on】

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	12.77	12.81	12.72	13.50
40	PI/2 BPSK	1	53	12.76	12.75	12.92	13.50
40	PI/2 BPSK	1	104	12.65	12.61	12.86	13.50
40	PI/2 BPSK	50	0	12.64	12.73	12.75	13.50



40	PI/2 BPSK	50	28	12.74	12.80	12.76	13.50
40	PI/2 BPSK	50	56	12.77	12.66	12.71	13.50
40	PI/2 BPSK	100	0	12.81	12.84	12.66	13.50
40	QPSK	1	1	12.86	12.79	12.73	13.50
40	QPSK	1	53	12.69	12.74	12.64	13.50
40	QPSK	1	104	12.65	12.72	12.78	13.50
40	QPSK	50	0	12.83	12.76	12.67	13.50
40	QPSK	50	28	12.82	12.89	12.80	13.50
40	QPSK	50	56	12.69	12.66	12.77	13.50
40	QPSK	100	0	12.75	12.81	12.80	13.50
40	16QAM	1	1	12.77	12.92	12.65	13.50
40	64QAM	1	1	12.58	12.91	12.77	13.50
40	256QAM	1	1	12.76	12.78	12.78	13.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	12.63	12.66	12.66	13.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	12.63	12.80	12.62	13.50

【FR1 n38_Ant 1_Hotspot on】

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	12.77	12.81	12.72	13.50
40	PI/2 BPSK	1	53	12.76	12.75	12.92	13.50
40	PI/2 BPSK	1	104	12.65	12.61	12.86	13.50
40	PI/2 BPSK	50	0	12.64	12.73	12.75	13.50
40	PI/2 BPSK	50	28	12.74	12.80	12.76	13.50
40	PI/2 BPSK	50	56	12.77	12.66	12.71	13.50
40	PI/2 BPSK	100	0	12.81	12.84	12.66	13.50
40	QPSK	1	1	12.86	12.79	12.73	13.50
40	QPSK	1	53	12.69	12.74	12.64	13.50
40	QPSK	1	104	12.65	12.72	12.78	13.50
40	QPSK	50	0	12.83	12.76	12.67	13.50
40	QPSK	50	28	12.82	12.89	12.80	13.50
40	QPSK	50	56	12.69	12.66	12.77	13.50
40	QPSK	100	0	12.75	12.81	12.80	13.50
40	16QAM	1	1	12.77	12.92	12.65	13.50
40	64QAM	1	1	12.58	12.91	12.77	13.50
40	256QAM	1	1	12.76	12.78	12.78	13.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	12.63	12.66	12.66	13.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	12.63	12.80	12.62	13.50

【FR1 n38_Ant 4_Sensor off】

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	22.91	23.08	22.89	24.00
40	PI/2 BPSK	1	53	22.60	22.84	22.53	24.00
40	PI/2 BPSK	1	104	22.79	22.98	22.72	24.00
40	PI/2 BPSK	50	0	22.53	22.82	22.49	24.00
40	PI/2 BPSK	50	28	22.64	22.91	22.66	24.00
40	PI/2 BPSK	50	56	22.62	22.90	22.63	24.00
40	PI/2 BPSK	100	0	22.59	22.84	22.53	24.00
40	QPSK	1	1	22.77	22.95	22.71	24.00
40	QPSK	1	53	22.72	22.97	22.68	24.00
40	QPSK	1	104	22.75	23.05	22.71	24.00
40	QPSK	50	0	22.57	22.86	22.56	24.00
40	QPSK	50	28	22.52	22.82	22.59	24.00
40	QPSK	50	56	22.67	22.94	22.64	24.00
40	QPSK	100	0	22.59	22.84	22.58	24.00
40	16QAM	1	1	22.88	23.08	22.80	24.00



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40	64QAM	1	1	21.32	21.62	21.32	22.50
40	256QAM	1	1	18.92	19.19	18.90	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.88	22.99	22.80	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.83	23.04	22.74	24.00

【FR1 n38_Ant 4_Full Power】

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	22.91	23.08	22.89	24.00
40	PI/2 BPSK	1	53	22.60	22.84	22.53	24.00
40	PI/2 BPSK	1	104	22.79	22.98	22.72	24.00
40	PI/2 BPSK	50	0	22.53	22.82	22.49	24.00
40	PI/2 BPSK	50	28	22.64	22.91	22.66	24.00
40	PI/2 BPSK	50	56	22.62	22.90	22.63	24.00
40	PI/2 BPSK	100	0	22.59	22.84	22.53	24.00
40	QPSK	1	1	22.77	22.95	22.71	24.00
40	QPSK	1	53	22.72	22.97	22.68	24.00
40	QPSK	1	104	22.75	23.05	22.71	24.00
40	QPSK	50	0	22.57	22.86	22.56	24.00
40	QPSK	50	28	22.52	22.82	22.59	24.00
40	QPSK	50	56	22.67	22.94	22.64	24.00
40	QPSK	100	0	22.59	22.84	22.58	24.00
40	16QAM	1	1	22.88	23.08	22.80	24.00
40	64QAM	1	1	21.32	21.62	21.32	22.50
40	256QAM	1	1	18.92	19.19	18.90	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.88	22.99	22.80	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.83	23.04	22.74	24.00

【FR1 n38_Ant 4_Sensor on】

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	21.96	22.21	22.00	23.00
40	PI/2 BPSK	1	53	21.79	21.89	21.89	23.00
40	PI/2 BPSK	1	104	21.77	21.85	21.88	23.00
40	PI/2 BPSK	50	0	21.81	21.99	21.90	23.00
40	PI/2 BPSK	50	28	21.92	22.07	21.97	23.00
40	PI/2 BPSK	50	56	21.90	22.06	21.87	23.00
40	PI/2 BPSK	100	0	21.92	22.06	21.96	23.00
40	QPSK	1	1	21.65	22.02	21.95	23.00
40	QPSK	1	53	21.77	22.22	21.89	23.00
40	QPSK	1	104	21.69	22.25	21.88	23.00
40	QPSK	50	0	21.58	22.04	21.72	23.00
40	QPSK	50	28	21.71	22.00	21.79	23.00
40	QPSK	50	56	21.90	22.09	22.02	23.00
40	QPSK	100	0	21.68	22.24	21.66	23.00
40	16QAM	1	1	21.77	22.21	21.92	23.00
40	64QAM	1	1	21.78	22.15	21.99	23.00
40	256QAM	1	1	21.62	21.96	21.69	23.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.93	22.10	21.92	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.95	22.14	21.94	23.00

**【FR1 n38_Ant 4_Hotspot on】**

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	21.96	22.21	22.00	23.00
40	PI/2 BPSK	1	53	21.79	21.89	21.89	23.00
40	PI/2 BPSK	1	104	21.77	21.85	21.88	23.00
40	PI/2 BPSK	50	0	21.81	21.99	21.90	23.00
40	PI/2 BPSK	50	28	21.92	22.07	21.97	23.00
40	PI/2 BPSK	50	56	21.90	22.06	21.87	23.00
40	PI/2 BPSK	100	0	21.92	22.06	21.96	23.00
40	QPSK	1	1	21.65	22.02	21.95	23.00
40	QPSK	1	53	21.77	22.22	21.89	23.00
40	QPSK	1	104	21.69	22.25	21.88	23.00
40	QPSK	50	0	21.58	22.04	21.72	23.00
40	QPSK	50	28	21.71	22.00	21.79	23.00
40	QPSK	50	56	21.90	22.09	22.02	23.00
40	QPSK	100	0	21.68	22.24	21.66	23.00
40	16QAM	1	1	21.77	22.21	21.92	23.00
40	64QAM	1	1	21.78	22.15	21.99	23.00
40	256QAM	1	1	21.62	21.96	21.69	23.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	21.93	22.10	21.92	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.95	22.14	21.94	23.00

【FR1 n41_FCC_Ant 0_Sensor off】

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	22.90	23.15	22.76	24.00
100	PI/2 BPSK	1	137	22.45	22.81	22.37	24.00
100	PI/2 BPSK	1	271	22.34	22.67	22.15	24.00
100	PI/2 BPSK	135	0	22.40	22.78	22.37	24.00
100	PI/2 BPSK	135	69	22.49	22.80	22.41	24.00
100	PI/2 BPSK	135	138	22.38	22.72	22.29	24.00
100	PI/2 BPSK	270	0	22.42	22.71	22.28	24.00
100	QPSK	1	1	22.51	22.87	22.45	24.00
100	QPSK	1	137	22.51	22.90	22.39	24.00
100	QPSK	1	271	22.35	22.72	22.30	24.00
100	QPSK	135	0	22.54	22.87	22.45	24.00
100	QPSK	135	69	22.47	22.83	22.30	24.00
100	QPSK	135	138	22.35	22.68	22.22	24.00
100	QPSK	270	0	22.36	22.68	22.26	24.00
100	16QAM	1	1	22.64	22.98	22.51	24.00
100	64QAM	1	1	22.75	23.15	22.62	24.00
100	256QAM	1	1	21.47	21.80	21.35	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.81	23.09	22.75	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.84	23.05	22.71	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.83	23.10	22.71	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.81	23.12	22.73	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.82	23.03	22.67	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.84	23.08	22.68	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.82	23.10	22.72	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.86	23.13	22.64	24.00

【FR1 n41__FCC_HPUE_Ant 0_Sensor off】

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 (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.33	25.59	25.53	27.00
100	PI/2 BPSK	1	137	25.22	25.53	25.41	27.00
100	PI/2 BPSK	1	271	25.00	25.30	25.12	27.00
100	PI/2 BPSK	135	0	25.21	25.53	25.32	26.50
100	PI/2 BPSK	135	69	25.15	25.46	25.36	27.00
100	PI/2 BPSK	135	138	25.09	25.48	25.28	26.50
100	PI/2 BPSK	270	0	25.16	25.46	25.25	26.50
100	QPSK	1	1	25.00	25.22	25.02	27.00
100	QPSK	1	137	25.33	25.70	25.53	27.00
100	QPSK	1	271	25.01	25.19	25.07	27.00
100	QPSK	135	0	24.51	24.83	24.71	26.00
100	QPSK	135	69	25.24	25.54	25.46	27.00
100	QPSK	135	138	24.64	24.91	24.78	26.00
100	QPSK	270	0	24.71	24.98	24.79	26.00
100	16QAM	1	1	24.12	24.46	24.36	26.00
100	64QAM	1	1	23.03	23.31	23.21	24.50
100	256QAM	1	1	21.64	21.89	21.76	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.28	25.58	25.50	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.46	25.46	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.31	25.47	25.46	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.21	25.55	25.49	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.19	25.58	25.45	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.28	25.56	25.51	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.57	25.41	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.53	25.51	27.00

【FR1 n41__FCC_Ant 0_Full Power】

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 (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.90	23.15	22.76	24.00
100	PI/2 BPSK	1	137	22.45	22.81	22.37	24.00
100	PI/2 BPSK	1	271	22.34	22.67	22.15	24.00
100	PI/2 BPSK	135	0	22.40	22.78	22.37	24.00
100	PI/2 BPSK	135	69	22.49	22.80	22.41	24.00
100	PI/2 BPSK	135	138	22.38	22.72	22.29	24.00
100	PI/2 BPSK	270	0	22.42	22.71	22.28	24.00
100	QPSK	1	1	22.51	22.87	22.45	24.00
100	QPSK	1	137	22.51	22.90	22.39	24.00
100	QPSK	1	271	22.35	22.72	22.30	24.00
100	QPSK	135	0	22.54	22.87	22.45	24.00
100	QPSK	135	69	22.47	22.83	22.30	24.00
100	QPSK	135	138	22.35	22.68	22.22	24.00
100	QPSK	270	0	22.36	22.68	22.26	24.00
100	16QAM	1	1	22.64	22.98	22.51	24.00
100	64QAM	1	1	22.75	23.15	22.62	24.00



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100	256QAM	1	1	21.47	21.80	21.35	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.81	23.09	22.75	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.84	23.05	22.71	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.83	23.10	22.71	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.81	23.12	22.73	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.82	23.03	22.67	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.84	23.08	22.68	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.82	23.10	22.72	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.86	23.13	22.64	24.00

【FR1 n41__FCC_HPUE_Ant 0_Full Power】

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	25.33	25.59	25.53	27.00
100	PI/2 BPSK	1	137	25.22	25.53	25.41	27.00
100	PI/2 BPSK	1	271	25.00	25.30	25.12	27.00
100	PI/2 BPSK	135	0	25.21	25.53	25.32	26.50
100	PI/2 BPSK	135	69	25.15	25.46	25.36	27.00
100	PI/2 BPSK	135	138	25.09	25.48	25.28	26.50
100	PI/2 BPSK	270	0	25.16	25.46	25.25	26.50
100	QPSK	1	1	25.00	25.22	25.02	27.00
100	QPSK	1	137	25.33	25.70	25.53	27.00
100	QPSK	1	271	25.01	25.19	25.07	27.00
100	QPSK	135	0	24.51	24.83	24.71	26.00
100	QPSK	135	69	25.24	25.54	25.46	27.00
100	QPSK	135	138	24.64	24.91	24.78	26.00
100	QPSK	270	0	24.71	24.98	24.79	26.00
100	16QAM	1	1	24.12	24.46	24.36	26.00
100	64QAM	1	1	23.03	23.31	23.21	24.50
100	256QAM	1	1	21.64	21.89	21.76	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.28	25.58	25.50	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.23	25.46	25.46	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.31	25.47	25.46	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.21	25.55	25.49	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.19	25.58	25.45	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.28	25.56	25.51	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.27	25.57	25.41	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.23	25.53	25.51	27.00



【FR1 n41__FCC_Ant 0_Sensor on】

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	22.90	23.15	22.76	24.00
100	PI/2 BPSK	1	137	22.45	22.81	22.37	24.00
100	PI/2 BPSK	1	271	22.34	22.67	22.15	24.00
100	PI/2 BPSK	135	0	22.40	22.78	22.37	24.00
100	PI/2 BPSK	135	69	22.49	22.80	22.41	24.00
100	PI/2 BPSK	135	138	22.38	22.72	22.29	24.00
100	PI/2 BPSK	270	0	22.42	22.71	22.28	24.00
100	QPSK	1	1	22.51	22.87	22.45	24.00
100	QPSK	1	137	22.51	22.90	22.39	24.00
100	QPSK	1	271	22.35	22.72	22.30	24.00
100	QPSK	135	0	22.54	22.87	22.45	24.00
100	QPSK	135	69	22.47	22.83	22.30	24.00
100	QPSK	135	138	22.35	22.68	22.22	24.00
100	QPSK	270	0	22.36	22.68	22.26	24.00
100	16QAM	1	1	22.64	22.98	22.51	24.00
100	64QAM	1	1	22.75	23.15	22.62	24.00
100	256QAM	1	1	21.47	21.80	21.35	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.81	23.09	22.75	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.84	23.05	22.71	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.83	23.10	22.71	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.81	23.12	22.73	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.82	23.03	22.67	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.84	23.08	22.68	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.82	23.10	22.72	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.86	23.13	22.64	24.00

【FR1 n41__FCC_Ant 0_Hotspot on】

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	22.90	23.15	22.76	24.00
100	PI/2 BPSK	1	137	22.45	22.81	22.37	24.00
100	PI/2 BPSK	1	271	22.34	22.67	22.15	24.00
100	PI/2 BPSK	135	0	22.40	22.78	22.37	24.00
100	PI/2 BPSK	135	69	22.49	22.80	22.41	24.00
100	PI/2 BPSK	135	138	22.38	22.72	22.29	24.00
100	PI/2 BPSK	270	0	22.42	22.71	22.28	24.00
100	QPSK	1	1	22.51	22.87	22.45	24.00
100	QPSK	1	137	22.51	22.90	22.39	24.00
100	QPSK	1	271	22.35	22.72	22.30	24.00
100	QPSK	135	0	22.54	22.87	22.45	24.00
100	QPSK	135	69	22.47	22.83	22.30	24.00
100	QPSK	135	138	22.35	22.68	22.22	24.00
100	QPSK	270	0	22.36	22.68	22.26	24.00
100	16QAM	1	1	22.64	22.98	22.51	24.00
100	64QAM	1	1	22.75	23.15	22.62	24.00
100	256QAM	1	1	21.47	21.80	21.35	23.00
Channel				508200	518598	528996	Tune-up limit



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	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.81	23.09	22.75	24.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.84	23.05	22.71	24.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.83	23.10	22.71	24.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.81	23.12	22.73	24.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.82	23.03	22.67	24.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.84	23.08	22.68	24.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.82	23.10	22.72	24.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.86	23.13	22.64	24.00

【FR1 n41__FCC_HPUE_Ant 0_Sensor on】

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	23.88	24.16	24.11	25.50
100	PI/2 BPSK	1	137	23.86	23.98	24.00	25.50
100	PI/2 BPSK	1	271	23.91	24.05	24.08	25.50
100	PI/2 BPSK	135	0	23.88	24.08	24.01	25.50
100	PI/2 BPSK	135	69	23.89	24.13	24.08	25.50
100	PI/2 BPSK	135	138	23.86	24.07	23.95	25.50
100	PI/2 BPSK	270	0	23.78	24.01	23.97	25.50
100	QPSK	1	1	23.73	24.08	23.99	25.50
100	QPSK	1	137	23.87	24.01	24.09	25.50
100	QPSK	1	271	23.91	24.09	24.05	25.50
100	QPSK	135	0	23.74	24.18	23.97	25.50
100	QPSK	135	69	23.75	24.13	23.98	25.50
100	QPSK	135	138	23.75	24.03	23.93	25.50
100	QPSK	270	0	23.81	24.14	23.95	25.50
100	16QAM	1	1	23.74	24.01	24.06	25.50
100	64QAM	1	1	23.03	23.31	23.21	24.50
100	256QAM	1	1	21.64	21.89	21.76	22.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.78	24.11	24.04	25.50
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.77	24.04	24.05	25.50
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.81	24.12	24.03	25.50
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.80	24.11	23.97	25.50
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.82	24.13	24.01	25.50
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.86	24.13	24.02	25.50
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.80	24.06	24.00	25.50
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.76	24.10	23.97	25.50



【FR1 n41_FCC_HPUE_Ant 0_Hotspot on】

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	23.88	24.16	24.11	25.50
100	PI/2 BPSK	1	137	23.86	23.98	24.00	25.50
100	PI/2 BPSK	1	271	23.91	24.05	24.08	25.50
100	PI/2 BPSK	135	0	23.88	24.08	24.01	25.50
100	PI/2 BPSK	135	69	23.89	24.13	24.08	25.50
100	PI/2 BPSK	135	138	23.86	24.07	23.95	25.50
100	PI/2 BPSK	270	0	23.78	24.01	23.97	25.50
100	QPSK	1	1	23.73	24.08	23.99	25.50
100	QPSK	1	137	23.87	24.01	24.09	25.50
100	QPSK	1	271	23.91	24.09	24.05	25.50
100	QPSK	135	0	23.74	24.18	23.97	25.50
100	QPSK	135	69	23.75	24.13	23.98	25.50
100	QPSK	135	138	23.75	24.03	23.93	25.50
100	QPSK	270	0	23.81	24.14	23.95	25.50
100	16QAM	1	1	23.74	24.01	24.06	25.50
100	64QAM	1	1	23.03	23.31	23.21	24.50
100	256QAM	1	1	21.64	21.89	21.76	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.78	24.11	24.04	25.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.77	24.04	24.05	25.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.81	24.12	24.03	25.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.80	24.11	23.97	25.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.82	24.13	24.01	25.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.86	24.13	24.02	25.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.80	24.06	24.00	25.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.76	24.10	23.97	25.50

【FR1 n41_FCC_Ant 1_Sensor off】

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	23.40	23.49	23.23	24.00
100	PI/2 BPSK	1	137	22.95	23.16	22.87	24.00
100	PI/2 BPSK	1	271	22.96	23.10	22.83	24.00
100	PI/2 BPSK	135	0	22.96	23.16	22.88	24.00
100	PI/2 BPSK	135	69	23.05	23.17	22.79	24.00
100	PI/2 BPSK	135	138	22.86	23.06	22.76	24.00
100	PI/2 BPSK	270	0	23.10	23.20	22.83	24.00
100	QPSK	1	1	23.16	23.37	23.10	24.00
100	QPSK	1	137	23.15	23.33	22.98	24.00
100	QPSK	1	271	23.09	23.22	22.94	24.00
100	QPSK	135	0	23.14	23.28	23.00	24.00
100	QPSK	135	69	23.05	23.27	22.96	24.00
100	QPSK	135	138	23.01	23.12	22.78	24.00
100	QPSK	270	0	23.07	23.23	22.91	24.00
100	16QAM	1	1	23.39	23.50	23.23	24.00
100	64QAM	1	1	22.82	22.96	22.68	24.00
100	256QAM	1	1	21.48	21.60	21.24	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.32	23.46	23.21	24.00



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.31	23.45	23.10	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.39	23.45	23.16	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.26	23.39	23.12	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.35	23.44	23.22	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.33	23.44	23.17	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.34	23.37	23.19	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.37	23.43	23.17	24.00

【FR1 n41__FCC_HPUE_Ant 1_Sensor off】

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	25.85	26.34	26.31	27.00
100	PI/2 BPSK	1	137	25.58	26.21	26.13	27.00
100	PI/2 BPSK	1	271	25.50	26.03	25.92	27.00
100	PI/2 BPSK	135	0	25.63	26.20	26.09	26.50
100	PI/2 BPSK	135	69	25.76	26.30	26.22	27.00
100	PI/2 BPSK	135	138	25.35	25.92	25.84	26.50
100	PI/2 BPSK	270	0	25.28	25.91	25.84	26.50
100	QPSK	1	1	25.09	25.61	25.56	27.00
100	QPSK	1	137	25.73	26.36	26.27	27.00
100	QPSK	1	271	25.02	25.11	25.03	27.00
100	QPSK	135	0	24.01	24.50	24.33	26.00
100	QPSK	135	69	25.25	25.76	25.61	27.00
100	QPSK	135	138	24.00	24.18	24.07	26.00
100	QPSK	270	0	24.00	24.37	24.20	26.00
100	16QAM	1	1	23.17	23.72	23.68	25.00
100	64QAM	1	1	22.50	22.67	22.63	24.50
100	256QAM	1	1	20.96	21.38	21.25	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.74	26.30	26.26	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.79	26.28	26.25	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.84	26.22	26.19	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.77	26.22	26.22	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.84	26.23	26.25	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.76	26.19	26.27	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.81	26.32	26.18	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.76	26.24	26.28	27.00

【FR1 n41__FCC_Ant 1_Full Power】

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	23.40	23.49	23.23	24.00
100	PI/2 BPSK	1	137	22.95	23.16	22.87	24.00
100	PI/2 BPSK	1	271	22.96	23.10	22.83	24.00
100	PI/2 BPSK	135	0	22.96	23.16	22.88	24.00
100	PI/2 BPSK	135	69	23.05	23.17	22.79	24.00
100	PI/2 BPSK	135	138	22.86	23.06	22.76	24.00
100	PI/2 BPSK	270	0	23.10	23.20	22.83	24.00
100	QPSK	1	1	23.16	23.37	23.10	24.00
100	QPSK	1	137	23.15	23.33	22.98	24.00
100	QPSK	1	271	23.09	23.22	22.94	24.00
100	QPSK	135	0	23.14	23.28	23.00	24.00
100	QPSK	135	69	23.05	23.27	22.96	24.00
100	QPSK	135	138	23.01	23.12	22.78	24.00
100	QPSK	270	0	23.07	23.23	22.91	24.00
100	16QAM	1	1	23.39	23.50	23.23	24.00
100	64QAM	1	1	22.82	22.96	22.68	24.00
100	256QAM	1	1	21.48	21.60	21.24	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.32	23.46	23.21	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.31	23.45	23.10	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.39	23.45	23.16	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.26	23.39	23.12	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.35	23.44	23.22	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.33	23.44	23.17	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.34	23.37	23.19	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.37	23.43	23.17	24.00

【FR1 n41__FCC_HPUE_Ant 1_Full Power】

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	25.85	26.34	26.31	27.00
100	PI/2 BPSK	1	137	25.58	26.21	26.13	27.00
100	PI/2 BPSK	1	271	25.50	26.03	25.92	27.00
100	PI/2 BPSK	135	0	25.63	26.20	26.09	26.50
100	PI/2 BPSK	135	69	25.76	26.30	26.22	27.00
100	PI/2 BPSK	135	138	25.35	25.92	25.84	26.50
100	PI/2 BPSK	270	0	25.28	25.91	25.84	26.50
100	QPSK	1	1	25.09	25.61	25.56	27.00
100	QPSK	1	137	25.73	26.36	26.27	27.00
100	QPSK	1	271	25.02	25.11	25.03	27.00
100	QPSK	135	0	24.01	24.50	24.33	26.00
100	QPSK	135	69	25.25	25.76	25.61	27.00
100	QPSK	135	138	24.00	24.18	24.07	26.00
100	QPSK	270	0	24.00	24.37	24.20	26.00
100	16QAM	1	1	23.17	23.72	23.68	25.00
100	64QAM	1	1	22.50	22.67	22.63	24.50
100	256QAM	1	1	20.96	21.38	21.25	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	



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90	PI/2 BPSK	1	1	25.74	26.30	26.26	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.79	26.28	26.25	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.84	26.22	26.19	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.77	26.22	26.22	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.84	26.23	26.25	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.76	26.19	26.27	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.81	26.32	26.18	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.76	26.24	26.28	27.00

【FR1 n41__FCC_Ant 1_Sensor on】

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	12.67	12.74	12.71	13.50
100	PI/2 BPSK	1	137	12.58	12.68	12.73	13.50
100	PI/2 BPSK	1	271	12.50	12.63	12.74	13.50
100	PI/2 BPSK	135	0	12.52	12.70	12.67	13.50
100	PI/2 BPSK	135	69	12.57	12.72	12.71	13.50
100	PI/2 BPSK	135	138	12.56	12.70	12.87	13.50
100	PI/2 BPSK	270	0	12.67	12.86	12.64	13.50
100	QPSK	1	1	12.53	12.69	12.88	13.50
100	QPSK	1	137	12.63	12.72	12.70	13.50
100	QPSK	1	271	12.60	12.70	12.91	13.50
100	QPSK	135	0	12.67	12.82	12.64	13.50
100	QPSK	135	69	12.66	12.77	12.68	13.50
100	QPSK	135	138	12.60	12.77	12.73	13.50
100	QPSK	270	0	12.65	12.83	12.70	13.50
100	16QAM	1	1	12.66	12.79	12.68	13.50
100	64QAM	1	1	12.67	12.87	12.71	13.50
100	256QAM	1	1	12.58	12.75	12.79	13.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	12.56	12.72	12.61	13.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	12.61	12.61	12.70	13.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	12.59	12.61	12.65	13.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	12.59	12.65	12.60	13.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	12.57	12.71	12.69	13.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	12.55	12.60	12.64	13.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	12.53	12.67	12.68	13.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	12.55	12.68	12.66	13.50



【FR1 n41_FCC_Ant 1_Hotspot on】

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	12.67	12.74	12.71	13.50
100	PI/2 BPSK	1	137	12.58	12.68	12.73	13.50
100	PI/2 BPSK	1	271	12.50	12.63	12.74	13.50
100	PI/2 BPSK	135	0	12.52	12.70	12.67	13.50
100	PI/2 BPSK	135	69	12.57	12.72	12.71	13.50
100	PI/2 BPSK	135	138	12.56	12.70	12.87	13.50
100	PI/2 BPSK	270	0	12.67	12.86	12.64	13.50
100	QPSK	1	1	12.53	12.69	12.88	13.50
100	QPSK	1	137	12.63	12.72	12.70	13.50
100	QPSK	1	271	12.60	12.70	12.91	13.50
100	QPSK	135	0	12.67	12.82	12.64	13.50
100	QPSK	135	69	12.66	12.77	12.68	13.50
100	QPSK	135	138	12.60	12.77	12.73	13.50
100	QPSK	270	0	12.65	12.83	12.70	13.50
100	16QAM	1	1	12.66	12.79	12.68	13.50
100	64QAM	1	1	12.67	12.87	12.71	13.50
100	256QAM	1	1	12.58	12.75	12.79	13.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	12.56	12.72	12.61	13.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	12.61	12.61	12.70	13.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	12.59	12.61	12.65	13.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	12.59	12.65	12.60	13.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	12.57	12.71	12.69	13.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	12.55	12.60	12.64	13.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	12.53	12.67	12.68	13.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	12.55	12.68	12.66	13.50

【FR1 n41_FCC_HPUE_Ant 1_Sensor on】

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	12.81	12.88	12.85	13.50
100	PI/2 BPSK	1	137	12.69	12.83	12.90	13.50
100	PI/2 BPSK	1	271	12.64	12.78	12.90	13.50
100	PI/2 BPSK	135	0	12.65	12.82	12.85	13.50
100	PI/2 BPSK	135	69	12.77	12.85	12.82	13.50
100	PI/2 BPSK	135	138	12.61	12.70	12.87	13.50
100	PI/2 BPSK	270	0	12.74	12.87	12.80	13.50
100	QPSK	1	1	12.64	12.82	12.88	13.50
100	QPSK	1	137	12.78	12.89	12.75	13.50
100	QPSK	1	271	12.64	12.79	12.90	13.50
100	QPSK	135	0	12.80	12.91	12.80	13.50
100	QPSK	135	69	12.72	12.87	12.83	13.50
100	QPSK	135	138	12.70	12.83	12.87	13.50
100	QPSK	270	0	12.65	12.86	12.87	13.50
100	16QAM	1	1	12.76	12.91	12.81	13.50
100	64QAM	1	1	12.81	12.91	12.78	13.50
100	256QAM	1	1	12.58	12.79	12.81	13.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	12.78	12.77	12.79	13.50



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	12.79	12.78	12.81	13.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	12.70	12.81	12.80	13.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	12.77	12.80	12.72	13.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	12.79	12.78	12.82	13.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	12.75	12.81	12.82	13.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	12.80	12.82	12.80	13.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	12.72	12.81	12.78	13.50

【FR1 n41__FCC_HPUE_Ant 1_Hotspot on】

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	12.81	12.88	12.85	13.50
100	PI/2 BPSK	1	137	12.69	12.83	12.90	13.50
100	PI/2 BPSK	1	271	12.64	12.78	12.90	13.50
100	PI/2 BPSK	135	0	12.65	12.82	12.85	13.50
100	PI/2 BPSK	135	69	12.77	12.85	12.82	13.50
100	PI/2 BPSK	135	138	12.61	12.70	12.87	13.50
100	PI/2 BPSK	270	0	12.74	12.87	12.80	13.50
100	QPSK	1	1	12.64	12.82	12.88	13.50
100	QPSK	1	137	12.78	12.89	12.75	13.50
100	QPSK	1	271	12.64	12.79	12.90	13.50
100	QPSK	135	0	12.80	12.91	12.80	13.50
100	QPSK	135	69	12.72	12.87	12.83	13.50
100	QPSK	135	138	12.70	12.83	12.87	13.50
100	QPSK	270	0	12.65	12.86	12.87	13.50
100	16QAM	1	1	12.76	12.91	12.81	13.50
100	64QAM	1	1	12.81	12.91	12.78	13.50
100	256QAM	1	1	12.58	12.79	12.81	13.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	12.78	12.77	12.79	13.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	12.79	12.78	12.81	13.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	12.70	12.81	12.80	13.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	12.77	12.80	12.72	13.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	12.79	12.78	12.82	13.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	12.75	12.81	12.82	13.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	12.80	12.82	12.80	13.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	12.72	12.81	12.78	13.50

【FR1 n41__FCC_Ant 4_Sensor off】

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	22.68	23.21	22.80	24.00
100	PI/2 BPSK	1	137	22.17	22.82	22.28	24.00
100	PI/2 BPSK	1	271	22.45	23.09	22.63	24.00
100	PI/2 BPSK	135	0	22.20	22.76	22.24	24.00
100	PI/2 BPSK	135	69	22.33	22.98	22.51	24.00
100	PI/2 BPSK	135	138	22.35	22.97	22.52	24.00
100	PI/2 BPSK	270	0	22.25	22.89	22.44	24.00
100	QPSK	1	1	22.20	22.73	22.26	24.00
100	QPSK	1	137	22.29	22.93	22.47	24.00
100	QPSK	1	271	22.59	23.21	22.69	24.00
100	QPSK	135	0	22.20	22.84	22.38	24.00
100	QPSK	135	69	22.31	22.91	22.36	24.00
100	QPSK	135	138	22.38	22.99	22.54	24.00
100	QPSK	270	0	22.33	22.92	22.48	24.00
100	16QAM	1	1	22.36	22.90	22.39	24.00
100	64QAM	1	1	22.41	23.08	22.63	24.00
100	256QAM	1	1	21.76	22.40	21.89	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.64	23.17	22.76	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.65	23.07	22.69	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.55	23.06	22.75	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.55	23.13	22.79	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.66	23.13	22.70	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.63	23.13	22.67	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.65	23.14	22.73	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.53	23.12	22.74	24.00

【FR1 n41__FCC_HPUE_Ant 4_Sensor off】

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	25.97	26.25	25.97	27.00
100	PI/2 BPSK	1	137	25.77	26.15	25.73	27.00
100	PI/2 BPSK	1	271	25.25	25.66	25.29	27.00
100	PI/2 BPSK	135	0	25.04	25.38	25.01	27.00
100	PI/2 BPSK	135	69	25.86	26.18	25.78	27.00
100	PI/2 BPSK	135	138	25.74	26.04	25.66	27.00
100	PI/2 BPSK	270	0	25.37	25.76	25.40	27.00
100	QPSK	1	1	25.33	25.69	25.29	27.00
100	QPSK	1	137	25.96	26.32	25.96	27.00
100	QPSK	1	271	25.46	25.82	25.50	27.00
100	QPSK	135	0	25.00	25.26	25.02	27.00
100	QPSK	135	69	25.73	26.12	25.79	27.00
100	QPSK	135	138	25.54	25.93	25.61	27.00
100	QPSK	270	0	25.43	25.73	25.32	27.00
100	16QAM	1	1	25.00	25.21	25.02	27.00
100	64QAM	1	1	23.79	24.17	23.84	25.50
100	256QAM	1	1	21.58	21.89	21.52	23.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	



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90	PI/2 BPSK	1	1	25.88	26.18	25.82	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.95	26.18	25.96	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.83	26.20	25.93	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.83	26.18	25.95	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.92	26.22	25.95	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.95	26.11	25.94	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.89	26.11	25.91	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.92	26.22	25.84	27.00

【FR1 n41__FCC_Ant 4_Full Power】

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	22.68	23.21	22.80	24.00
100	PI/2 BPSK	1	137	22.17	22.82	22.28	24.00
100	PI/2 BPSK	1	271	22.45	23.09	22.63	24.00
100	PI/2 BPSK	135	0	22.20	22.76	22.24	24.00
100	PI/2 BPSK	135	69	22.33	22.98	22.51	24.00
100	PI/2 BPSK	135	138	22.35	22.97	22.52	24.00
100	PI/2 BPSK	270	0	22.25	22.89	22.44	24.00
100	QPSK	1	1	22.20	22.73	22.26	24.00
100	QPSK	1	137	22.29	22.93	22.47	24.00
100	QPSK	1	271	22.59	23.21	22.69	24.00
100	QPSK	135	0	22.20	22.84	22.38	24.00
100	QPSK	135	69	22.31	22.91	22.36	24.00
100	QPSK	135	138	22.38	22.99	22.54	24.00
100	QPSK	270	0	22.33	22.92	22.48	24.00
100	16QAM	1	1	22.36	22.90	22.39	24.00
100	64QAM	1	1	22.41	23.08	22.63	24.00
100	256QAM	1	1	21.76	22.40	21.89	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.64	23.17	22.76	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.65	23.07	22.69	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.55	23.06	22.75	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.55	23.13	22.79	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.66	23.13	22.70	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.63	23.13	22.67	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.65	23.14	22.73	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.53	23.12	22.74	24.00



【FR1 n41_FCC_HPUE_Ant 4_Full Power】

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	25.97	26.25	25.97	27.00
100	PI/2 BPSK	1	137	25.77	26.15	25.73	27.00
100	PI/2 BPSK	1	271	25.25	25.66	25.29	27.00
100	PI/2 BPSK	135	0	25.04	25.38	25.01	27.00
100	PI/2 BPSK	135	69	25.86	26.18	25.78	27.00
100	PI/2 BPSK	135	138	25.74	26.04	25.66	27.00
100	PI/2 BPSK	270	0	25.37	25.76	25.40	27.00
100	QPSK	1	1	25.33	25.69	25.29	27.00
100	QPSK	1	137	25.96	26.32	25.96	27.00
100	QPSK	1	271	25.46	25.82	25.50	27.00
100	QPSK	135	0	25.00	25.26	25.02	27.00
100	QPSK	135	69	25.73	26.12	25.79	27.00
100	QPSK	135	138	25.54	25.93	25.61	27.00
100	QPSK	270	0	25.43	25.73	25.32	27.00
100	16QAM	1	1	25.00	25.21	25.02	27.00
100	64QAM	1	1	23.79	24.17	23.84	25.50
100	256QAM	1	1	21.58	21.89	21.52	23.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.88	26.18	25.82	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.95	26.18	25.96	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.83	26.20	25.93	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.83	26.18	25.95	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.92	26.22	25.95	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.95	26.11	25.94	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.89	26.11	25.91	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.92	26.22	25.84	27.00

【FR1 n41_FCC_Ant 4_Sensor on】

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	22.13	22.26	22.02	23.00
100	PI/2 BPSK	1	137	21.83	22.05	21.89	23.00
100	PI/2 BPSK	1	271	21.82	21.97	21.92	23.00
100	PI/2 BPSK	135	0	21.93	22.10	21.94	23.00
100	PI/2 BPSK	135	69	22.02	22.15	22.03	23.00
100	PI/2 BPSK	135	138	21.93	22.13	21.86	23.00
100	PI/2 BPSK	270	0	21.92	22.13	21.94	23.00
100	QPSK	1	1	21.81	22.05	21.93	23.00
100	QPSK	1	137	21.87	22.35	21.94	23.00
100	QPSK	1	271	21.81	22.25	21.86	23.00
100	QPSK	135	0	21.75	22.04	21.79	23.00
100	QPSK	135	69	21.86	22.14	21.91	23.00
100	QPSK	135	138	21.94	22.18	22.00	23.00
100	QPSK	270	0	21.80	22.28	21.77	23.00
100	16QAM	1	1	21.84	22.25	21.92	23.00
100	64QAM	1	1	21.87	22.28	22.03	23.00
100	256QAM	1	1	21.76	22.11	21.74	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.03	22.22	21.93	23.00



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.09	22.25	21.91	23.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.11	22.15	21.87	23.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.12	22.16	21.88	23.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.20	21.96	23.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.07	22.12	21.94	23.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.02	22.12	21.90	23.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.08	22.15	21.89	23.00

【FR1 n41__FCC_Ant 4_Hotspot on】

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	22.13	22.26	22.02	23.00
100	PI/2 BPSK	1	137	21.83	22.05	21.89	23.00
100	PI/2 BPSK	1	271	21.82	21.97	21.92	23.00
100	PI/2 BPSK	135	0	21.93	22.10	21.94	23.00
100	PI/2 BPSK	135	69	22.02	22.15	22.03	23.00
100	PI/2 BPSK	135	138	21.93	22.13	21.86	23.00
100	PI/2 BPSK	270	0	21.92	22.13	21.94	23.00
100	QPSK	1	1	21.81	22.05	21.93	23.00
100	QPSK	1	137	21.87	22.35	21.94	23.00
100	QPSK	1	271	21.81	22.25	21.86	23.00
100	QPSK	135	0	21.75	22.04	21.79	23.00
100	QPSK	135	69	21.86	22.14	21.91	23.00
100	QPSK	135	138	21.94	22.18	22.00	23.00
100	QPSK	270	0	21.80	22.28	21.77	23.00
100	16QAM	1	1	21.84	22.25	21.92	23.00
100	64QAM	1	1	21.87	22.28	22.03	23.00
100	256QAM	1	1	21.76	22.11	21.74	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.03	22.22	21.93	23.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.09	22.25	21.91	23.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.11	22.15	21.87	23.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.12	22.16	21.88	23.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.20	21.96	23.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.07	22.12	21.94	23.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.02	22.12	21.90	23.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.08	22.15	21.89	23.00

【FR1 n41__FCC_HPUE_Ant 4_Sensor on】

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	22.19	22.30	22.13	23.00
100	PI/2 BPSK	1	137	21.94	22.20	21.93	23.00
100	PI/2 BPSK	1	271	21.93	22.15	22.01	23.00
100	PI/2 BPSK	135	0	22.07	22.21	22.03	23.00
100	PI/2 BPSK	135	69	22.02	22.28	22.06	23.00
100	PI/2 BPSK	135	138	21.99	22.28	21.98	23.00
100	PI/2 BPSK	270	0	22.01	22.26	21.94	23.00
100	QPSK	1	1	21.89	22.16	22.00	23.00
100	QPSK	1	137	21.93	22.34	22.06	23.00
100	QPSK	1	271	21.95	22.27	22.03	23.00
100	QPSK	135	0	21.92	22.18	21.97	23.00
100	QPSK	135	69	22.02	22.17	22.02	23.00
100	QPSK	135	138	21.95	22.34	22.04	23.00
100	QPSK	270	0	21.91	22.27	21.95	23.00
100	16QAM	1	1	21.87	22.31	21.91	23.00
100	64QAM	1	1	21.99	22.26	22.01	23.00
100	256QAM	1	1	21.93	22.21	21.88	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.20	22.02	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.05	22.24	22.02	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.16	22.27	22.02	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.13	22.23	22.02	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.04	22.19	22.10	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.14	22.24	21.99	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.14	22.19	22.06	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.08	22.25	22.11	23.00

【FR1 n41__FCC_HPUE_Ant 4_Hotspot on】

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	22.19	22.30	22.13	23.00
100	PI/2 BPSK	1	137	21.94	22.20	21.93	23.00
100	PI/2 BPSK	1	271	21.93	22.15	22.01	23.00
100	PI/2 BPSK	135	0	22.07	22.21	22.03	23.00
100	PI/2 BPSK	135	69	22.02	22.28	22.06	23.00
100	PI/2 BPSK	135	138	21.99	22.28	21.98	23.00
100	PI/2 BPSK	270	0	22.01	22.26	21.94	23.00
100	QPSK	1	1	21.89	22.16	22.00	23.00
100	QPSK	1	137	21.93	22.34	22.06	23.00
100	QPSK	1	271	21.95	22.27	22.03	23.00
100	QPSK	135	0	21.92	22.18	21.97	23.00
100	QPSK	135	69	22.02	22.17	22.02	23.00
100	QPSK	135	138	21.95	22.34	22.04	23.00
100	QPSK	270	0	21.91	22.27	21.95	23.00
100	16QAM	1	1	21.87	22.31	21.91	23.00
100	64QAM	1	1	21.99	22.26	22.01	23.00
100	256QAM	1	1	21.93	22.21	21.88	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	



90	PI/2 BPSK	1	1	22.08	22.20	22.02	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.05	22.24	22.02	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.16	22.27	22.02	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.13	22.23	22.02	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.04	22.19	22.10	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.14	22.24	21.99	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.14	22.19	22.06	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.08	22.25	22.11	23.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.07	23.35	23.21	24.00
40	PI/2 BPSK	1	53	22.78	23.20	22.94	24.00
40	PI/2 BPSK	1	104	22.95	23.27	23.02	24.00
40	PI/2 BPSK	50	0	22.80	23.16	22.91	24.00
40	PI/2 BPSK	50	28	22.83	23.17	22.95	24.00
40	PI/2 BPSK	50	56	22.76	23.14	22.88	24.00
40	PI/2 BPSK	100	0	22.75	23.13	22.88	24.00
40	QPSK	1	1	22.78	23.18	22.92	24.00
40	QPSK	1	53	22.97	23.28	23.03	24.00
40	QPSK	1	104	22.98	23.35	23.11	24.00
40	QPSK	50	0	22.81	23.21	22.93	24.00
40	QPSK	50	28	22.83	23.16	23.01	24.00
40	QPSK	50	56	22.78	23.13	22.88	24.00
40	QPSK	100	0	22.80	23.20	22.96	24.00
40	16QAM	1	1	22.83	23.24	23.02	24.00
40	64QAM	1	1	21.53	21.85	21.65	22.50
40	256QAM	1	1	19.16	19.44	19.26	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.99	23.32	23.11	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.01	23.29	23.07	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.07	23.35	23.21	24.00
40	PI/2 BPSK	1	53	22.78	23.20	22.94	24.00
40	PI/2 BPSK	1	104	22.95	23.27	23.02	24.00
40	PI/2 BPSK	50	0	22.80	23.16	22.91	24.00
40	PI/2 BPSK	50	28	22.83	23.17	22.95	24.00
40	PI/2 BPSK	50	56	22.76	23.14	22.88	24.00
40	PI/2 BPSK	100	0	22.75	23.13	22.88	24.00
40	QPSK	1	1	22.78	23.18	22.92	24.00
40	QPSK	1	53	22.97	23.28	23.03	24.00
40	QPSK	1	104	22.98	23.35	23.11	24.00
40	QPSK	50	0	22.81	23.21	22.93	24.00
40	QPSK	50	28	22.83	23.16	23.01	24.00



40	QPSK	50	56	22.78	23.13	22.88	24.00
40	QPSK	100	0	22.80	23.20	22.96	24.00
40	16QAM	1	1	22.83	23.24	23.02	24.00
40	64QAM	1	1	21.53	21.85	21.65	22.50
40	256QAM	1	1	19.16	19.44	19.26	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.99	23.32	23.11	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.01	23.29	23.07	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.47	13.83	13.61	14.50
40	PI/2 BPSK	1	53	13.67	13.81	13.65	14.50
40	PI/2 BPSK	1	104	13.57	13.83	13.63	14.50
40	PI/2 BPSK	50	0	13.60	13.75	13.62	14.50
40	PI/2 BPSK	50	28	13.58	13.82	13.71	14.50
40	PI/2 BPSK	50	56	13.58	13.79	13.70	14.50
40	PI/2 BPSK	100	0	13.62	13.79	13.72	14.50
40	QPSK	1	1	13.64	13.91	13.61	14.50
40	QPSK	1	53	13.66	13.92	13.79	14.50
40	QPSK	1	104	13.58	13.87	13.74	14.50
40	QPSK	50	0	13.60	13.84	13.81	14.50
40	QPSK	50	28	13.55	13.76	13.70	14.50
40	QPSK	50	56	13.52	13.81	13.74	14.50
40	QPSK	100	0	13.63	13.94	13.67	14.50
40	16QAM	1	1	13.51	13.77	13.72	14.50
40	64QAM	1	1	13.65	13.90	13.68	14.50
40	256QAM	1	1	13.52	13.90	13.63	14.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.38	13.80	13.52	14.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.39	13.74	13.46	14.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.47	13.83	13.61	14.50
40	PI/2 BPSK	1	53	13.67	13.81	13.65	14.50
40	PI/2 BPSK	1	104	13.57	13.83	13.63	14.50
40	PI/2 BPSK	50	0	13.60	13.75	13.62	14.50
40	PI/2 BPSK	50	28	13.58	13.82	13.71	14.50
40	PI/2 BPSK	50	56	13.58	13.79	13.70	14.50
40	PI/2 BPSK	100	0	13.62	13.79	13.72	14.50
40	QPSK	1	1	13.64	13.91	13.61	14.50
40	QPSK	1	53	13.66	13.92	13.79	14.50
40	QPSK	1	104	13.58	13.87	13.74	14.50
40	QPSK	50	0	13.60	13.84	13.81	14.50
40	QPSK	50	28	13.55	13.76	13.70	14.50
40	QPSK	50	56	13.52	13.81	13.74	14.50
40	QPSK	100	0	13.63	13.94	13.67	14.50
40	16QAM	1	1	13.51	13.77	13.72	14.50
40	64QAM	1	1	13.65	13.90	13.68	14.50
40	256QAM	1	1	13.52	13.90	13.63	14.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.38	13.80	13.52	14.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.39	13.74	13.46	14.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.73	15.88	15.69	16.50
40	PI/2 BPSK	1	53	15.75	15.73	15.62	16.50
40	PI/2 BPSK	1	104	15.75	15.83	15.69	16.50
40	PI/2 BPSK	50	0	15.75	15.75	15.76	16.50
40	PI/2 BPSK	50	28	15.69	15.85	15.69	16.50
40	PI/2 BPSK	50	56	15.67	15.70	15.75	16.50
40	PI/2 BPSK	100	0	15.76	15.82	15.69	16.50
40	QPSK	1	1	15.65	15.79	15.72	16.50
40	QPSK	1	53	15.66	15.74	15.69	16.50
40	QPSK	1	104	15.69	15.85	15.78	16.50
40	QPSK	50	0	15.60	15.70	15.63	16.50
40	QPSK	50	28	15.81	15.85	15.64	16.50
40	QPSK	50	56	15.70	15.83	15.64	16.50
40	QPSK	100	0	15.74	15.88	15.65	16.50
40	16QAM	1	1	15.80	15.83	15.82	16.50
40	64QAM	1	1	15.61	15.78	15.68	16.50
40	256QAM	1	1	15.75	15.79	15.77	16.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.77	15.87	15.55	16.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.51	15.79	15.58	16.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.73	15.88	15.69	16.50
40	PI/2 BPSK	1	53	15.75	15.73	15.62	16.50
40	PI/2 BPSK	1	104	15.75	15.83	15.69	16.50
40	PI/2 BPSK	50	0	15.75	15.75	15.76	16.50
40	PI/2 BPSK	50	28	15.69	15.85	15.69	16.50
40	PI/2 BPSK	50	56	15.67	15.70	15.75	16.50
40	PI/2 BPSK	100	0	15.76	15.82	15.69	16.50
40	QPSK	1	1	15.65	15.79	15.72	16.50
40	QPSK	1	53	15.66	15.74	15.69	16.50
40	QPSK	1	104	15.69	15.85	15.78	16.50
40	QPSK	50	0	15.60	15.70	15.63	16.50
40	QPSK	50	28	15.81	15.85	15.64	16.50
40	QPSK	50	56	15.70	15.83	15.64	16.50
40	QPSK	100	0	15.74	15.88	15.65	16.50
40	16QAM	1	1	15.80	15.83	15.82	16.50
40	64QAM	1	1	15.61	15.78	15.68	16.50
40	256QAM	1	1	15.75	15.79	15.77	16.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.77	15.87	15.55	16.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.51	15.79	15.58	16.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.73	15.88	15.69	16.50
40	PI/2 BPSK	1	53	15.75	15.73	15.62	16.50
40	PI/2 BPSK	1	104	15.75	15.83	15.69	16.50
40	PI/2 BPSK	50	0	15.75	15.75	15.76	16.50
40	PI/2 BPSK	50	28	15.69	15.85	15.69	16.50
40	PI/2 BPSK	50	56	15.67	15.70	15.75	16.50
40	PI/2 BPSK	100	0	15.76	15.82	15.69	16.50
40	QPSK	1	1	15.65	15.79	15.72	16.50
40	QPSK	1	53	15.66	15.74	15.69	16.50
40	QPSK	1	104	15.69	15.85	15.78	16.50
40	QPSK	50	0	15.60	15.70	15.63	16.50
40	QPSK	50	28	15.81	15.85	15.64	16.50
40	QPSK	50	56	15.70	15.83	15.64	16.50
40	QPSK	100	0	15.74	15.88	15.65	16.50
40	16QAM	1	1	15.80	15.83	15.82	16.50
40	64QAM	1	1	15.61	15.78	15.68	16.50
40	256QAM	1	1	15.75	15.79	15.77	16.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.77	15.87	15.55	16.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.51	15.79	15.58	16.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.73	15.88	15.69	16.50
40	PI/2 BPSK	1	53	15.75	15.73	15.62	16.50
40	PI/2 BPSK	1	104	15.75	15.83	15.69	16.50
40	PI/2 BPSK	50	0	15.75	15.75	15.76	16.50
40	PI/2 BPSK	50	28	15.69	15.85	15.69	16.50
40	PI/2 BPSK	50	56	15.67	15.70	15.75	16.50
40	PI/2 BPSK	100	0	15.76	15.82	15.69	16.50
40	QPSK	1	1	15.65	15.79	15.72	16.50
40	QPSK	1	53	15.66	15.74	15.69	16.50
40	QPSK	1	104	15.69	15.85	15.78	16.50
40	QPSK	50	0	15.60	15.70	15.63	16.50
40	QPSK	50	28	15.81	15.85	15.64	16.50
40	QPSK	50	56	15.70	15.83	15.64	16.50
40	QPSK	100	0	15.74	15.88	15.65	16.50
40	16QAM	1	1	15.80	15.83	15.82	16.50
40	64QAM	1	1	15.61	15.78	15.68	16.50
40	256QAM	1	1	15.75	15.79	15.77	16.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.77	15.87	15.55	16.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.51	15.79	15.58	16.50

【FR1 n66_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.71	22.77	22.53	24.00
30	PI/2 BPSK	1	80	22.06	22.26	22.01	24.00
30	PI/2 BPSK	1	158	22.32	22.43	22.15	24.00
30	PI/2 BPSK	80	0	22.17	22.28	22.00	24.00



30	PI/2 BPSK	80	40	22.09	22.30	22.01	24.00
30	PI/2 BPSK	80	80	22.17	22.24	22.01	24.00
30	PI/2 BPSK	160	0	22.16	22.35	22.01	24.00
30	QPSK	1	1	22.32	22.51	22.26	24.00
30	QPSK	1	80	22.22	22.31	22.03	24.00
30	QPSK	1	158	22.26	22.41	22.15	24.00
30	QPSK	80	0	22.24	22.34	22.02	24.00
30	QPSK	80	40	22.11	22.23	22.01	24.00
30	QPSK	80	80	22.15	22.33	22.01	24.00
30	QPSK	160	0	22.20	22.39	22.07	24.00
30	16QAM	1	1	22.45	22.65	22.36	24.00
30	64QAM	1	1	21.18	21.33	21.00	22.50
30	256QAM	1	1	18.93	19.09	18.77	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	22.67	22.66	22.40	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	22.71	22.77	22.53	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	22.58	22.72	22.48	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	22.64	22.67	22.42	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	22.69	22.63	22.45	24.00

【FR1 n66_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.71	22.77	22.53	24.00
30	PI/2 BPSK	1	80	22.06	22.26	22.01	24.00
30	PI/2 BPSK	1	158	22.32	22.43	22.15	24.00
30	PI/2 BPSK	80	0	22.17	22.28	22.00	24.00
30	PI/2 BPSK	80	40	22.09	22.30	22.01	24.00
30	PI/2 BPSK	80	80	22.17	22.24	22.01	24.00
30	PI/2 BPSK	160	0	22.16	22.35	22.01	24.00
30	QPSK	1	1	22.32	22.51	22.26	24.00
30	QPSK	1	80	22.22	22.31	22.03	24.00
30	QPSK	1	158	22.26	22.41	22.15	24.00
30	QPSK	80	0	22.24	22.34	22.02	24.00
30	QPSK	80	40	22.11	22.23	22.01	24.00
30	QPSK	80	80	22.15	22.33	22.01	24.00
30	QPSK	160	0	22.20	22.39	22.07	24.00
30	16QAM	1	1	22.45	22.65	22.36	24.00
30	64QAM	1	1	21.18	21.33	21.00	22.50
30	256QAM	1	1	18.93	19.09	18.77	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	22.67	22.66	22.40	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	22.71	22.77	22.53	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	22.58	22.72	22.48	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	22.64	22.67	22.42	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	22.69	22.63	22.45	24.00

【FR1 n66_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.67	15.85	15.59	17.00
30	PI/2 BPSK	1	80	15.71	15.79	15.47	17.00
30	PI/2 BPSK	1	158	15.64	15.77	15.59	17.00
30	PI/2 BPSK	80	0	15.76	15.78	15.55	17.00
30	PI/2 BPSK	80	40	15.62	15.81	15.43	17.00
30	PI/2 BPSK	80	80	15.74	15.80	15.56	17.00
30	PI/2 BPSK	160	0	15.73	15.85	15.49	17.00
30	QPSK	1	1	15.76	15.83	15.44	17.00
30	QPSK	1	80	15.72	15.82	15.62	17.00
30	QPSK	1	158	15.69	15.71	15.46	17.00
30	QPSK	80	0	15.69	15.68	15.56	17.00
30	QPSK	80	40	15.72	15.78	15.62	17.00
30	QPSK	80	80	15.75	15.80	15.62	17.00
30	QPSK	160	0	15.68	15.67	15.62	17.00
30	16QAM	1	1	15.69	15.74	15.54	17.00
30	64QAM	1	1	15.74	15.84	15.50	17.00
30	256QAM	1	1	15.74	15.81	15.59	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.63	15.75	15.45	17.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.67	15.85	15.59	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.56	15.77	15.45	17.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.65	15.74	15.49	17.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.62	15.73	15.57	17.00

【FR1 n66_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.67	15.85	15.59	17.00
30	PI/2 BPSK	1	80	15.71	15.79	15.47	17.00
30	PI/2 BPSK	1	158	15.64	15.77	15.59	17.00
30	PI/2 BPSK	80	0	15.76	15.78	15.55	17.00
30	PI/2 BPSK	80	40	15.62	15.81	15.43	17.00
30	PI/2 BPSK	80	80	15.74	15.80	15.56	17.00
30	PI/2 BPSK	160	0	15.73	15.85	15.49	17.00
30	QPSK	1	1	15.76	15.83	15.44	17.00
30	QPSK	1	80	15.72	15.82	15.62	17.00
30	QPSK	1	158	15.69	15.71	15.46	17.00
30	QPSK	80	0	15.69	15.68	15.56	17.00
30	QPSK	80	40	15.72	15.78	15.62	17.00
30	QPSK	80	80	15.75	15.80	15.62	17.00
30	QPSK	160	0	15.68	15.67	15.62	17.00
30	16QAM	1	1	15.69	15.74	15.54	17.00
30	64QAM	1	1	15.74	15.84	15.50	17.00
30	256QAM	1	1	15.74	15.81	15.59	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.63	15.75	15.45	17.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.67	15.85	15.59	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.56	15.77	15.45	17.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	