



FCC SAR TEST REPORT

Report No. : FA660814

20	64QAM	50	50		14.53		16.10
20	64QAM	100	0		14.55		16.10
20	256QAM	1	0		14.56		16.10
20	256QAM	1	49		14.53		16.10
20	256QAM	1	99		14.53		16.10
20	256QAM	50	0		14.51		16.10
20	256QAM	50	24		14.55		16.10
20	256QAM	50	50		14.53		16.10
20	256QAM	100	0		14.57		16.10
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	14.43	14.47	14.45	16.10
15	QPSK	1	37	14.52	14.54	14.43	16.10
15	QPSK	1	74	14.51	14.45	14.42	16.10
15	QPSK	36	0	14.44	14.44	14.39	16.10
15	QPSK	36	20	14.44	14.46	14.33	16.10
15	QPSK	36	39	14.48	14.47	14.43	16.10
15	QPSK	75	0	14.49	14.46	14.53	16.10
15	16QAM	1	0	14.52	14.52	14.52	16.10
15	16QAM	1	37	14.51	14.39	14.33	16.10
15	16QAM	1	74	14.49	14.46	14.43	16.10
15	16QAM	36	0	14.47	14.46	14.40	16.10
15	16QAM	36	20	14.50	14.50	14.40	16.10
15	16QAM	36	39	14.53	14.47	14.53	16.10
15	16QAM	75	0	14.47	14.57	14.45	16.10
15	64QAM	1	0	14.40	14.46	14.52	16.10
15	64QAM	1	37	14.43	14.46	14.39	16.10
15	64QAM	1	74	14.46	14.46	14.49	16.10
15	64QAM	36	0	14.52	14.48	14.43	16.10
15	64QAM	36	20	14.45	14.41	14.54	16.10
15	64QAM	36	39	14.41	14.48	14.46	16.10
15	64QAM	75	0	14.44	14.42	14.53	16.10
15	256QAM	1	0	14.49	14.45	14.39	16.10
15	256QAM	1	37	14.58	14.42	14.47	16.10
15	256QAM	1	74	14.37	14.39	14.42	16.10
15	256QAM	36	0	14.42	14.45	14.56	16.10
15	256QAM	36	20	14.51	14.47	14.43	16.10
15	256QAM	36	39	14.56	14.50	14.37	16.10
15	256QAM	75	0	14.48	14.45	14.44	16.10
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	14.48	14.56	14.41	16.10
10	QPSK	1	25	14.43	14.54	14.43	16.10
10	QPSK	1	49	14.39	14.52	14.49	16.10
10	QPSK	25	0	14.46	14.46	14.48	16.10
10	QPSK	25	12	14.49	14.49	14.45	16.10
10	QPSK	25	25	14.44	14.51	14.50	16.10
10	QPSK	50	0	14.56	14.55	14.53	16.10
10	16QAM	1	0	14.54	14.46	14.54	16.10
10	16QAM	1	25	14.51	14.49	14.34	16.10
10	16QAM	1	49	14.59	14.42	14.41	16.10
10	16QAM	25	0	14.42	14.46	14.43	16.10
10	16QAM	25	12	14.42	14.50	14.45	16.10
10	16QAM	25	25	14.57	14.43	14.53	16.10
10	16QAM	50	0	14.51	14.52	14.46	16.10
10	64QAM	1	0	14.38	14.41	14.48	16.10
10	64QAM	1	25	14.42	14.46	14.46	16.10
10	64QAM	1	49	14.43	14.38	14.54	16.10
10	64QAM	25	0	14.49	14.39	14.52	16.10
10	64QAM	25	12	14.40	14.41	14.44	16.10
10	64QAM	25	25	14.35	14.48	14.52	16.10
10	64QAM	50	0	14.38	14.47	14.45	16.10
10	256QAM	1	0	14.42	14.42	14.35	16.10
10	256QAM	1	25	14.50	14.45	14.43	16.10
10	256QAM	1	49	14.50	14.45	14.53	16.10
10	256QAM	25	0	14.50	14.42	14.51	16.10
10	256QAM	25	12	14.49	14.48	14.51	16.10
10	256QAM	25	25	14.49	14.51	14.36	16.10
10	256QAM	50	0	14.50	14.44	14.48	16.10
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	14.41	14.54	14.41	16.10
5	QPSK	1	12	14.51	14.47	14.45	16.10
5	QPSK	1	24	14.38	14.52	14.47	16.10
5	QPSK	12	0	14.43	14.46	14.39	16.10
5	QPSK	12	7	14.43	14.45	14.43	16.10
5	QPSK	12	13	14.42	14.51	14.47	16.10
5	QPSK	25	0	14.51	14.46	14.44	16.10



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5	16QAM	1	0	14.51	14.51	14.50	16.10
5	16QAM	1	12	14.48	14.38	14.44	16.10
5	16QAM	1	24	14.52	14.41	14.41	16.10
5	16QAM	12	0	14.45	14.44	14.44	16.10
5	16QAM	12	7	14.47	14.45	14.52	16.10
5	16QAM	12	13	14.48	14.47	14.43	16.10
5	16QAM	25	0	14.52	14.51	14.49	16.10
5	64QAM	1	0	14.44	14.41	14.43	16.10
5	64QAM	1	12	14.39	14.49	14.46	16.10
5	64QAM	1	24	14.47	14.42	14.42	16.10
5	64QAM	12	0	14.52	14.47	14.49	16.10
5	64QAM	12	7	14.40	14.51	14.47	16.10
5	64QAM	12	13	14.38	14.50	14.52	16.10
5	64QAM	25	0	14.40	14.49	14.43	16.10
5	256QAM	1	0	14.55	14.46	14.37	16.10
5	256QAM	1	12	14.46	14.46	14.45	16.10
5	256QAM	1	24	14.44	14.52	14.51	16.10
5	256QAM	12	0	14.41	14.39	14.48	16.10
5	256QAM	12	7	14.48	14.47	14.49	16.10
5	256QAM	12	13	14.59	14.52	14.42	16.10
5	256QAM	25	0	14.48	14.43	14.44	16.10

【LTE Band 38_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					38000		
Frequency (MHz)					2595		
20	QPSK	1	0		20.46		21.50
20	QPSK	1	49		20.27		21.50
20	QPSK	1	99		20.27		21.50
20	QPSK	50	0		19.92		21.50
20	QPSK	50	24		19.82		21.50
20	QPSK	50	50		19.91		21.50
20	QPSK	100	0		19.93		21.50
20	16QAM	1	0		19.87		21.50
20	16QAM	1	49		19.80		21.50
20	16QAM	1	99		19.90		21.50
20	16QAM	50	0		19.81		21.00
20	16QAM	50	24		19.88		21.00
20	16QAM	50	50		19.73		21.00
20	16QAM	100	0		19.82		21.00
20	64QAM	1	0		19.93		21.00
20	64QAM	1	49		19.72		21.00
20	64QAM	1	99		19.95		21.00
20	64QAM	50	0		18.80		20.00
20	64QAM	50	24		18.83		20.00
20	64QAM	50	50		18.85		20.00
20	64QAM	100	0		18.69		20.00
20	256QAM	1	0		16.80		18.00
20	256QAM	1	49		16.76		18.00
20	256QAM	1	99		16.73		18.00
20	256QAM	50	0		16.94		18.00
20	256QAM	50	24		16.93		18.00
20	256QAM	50	50		16.84		18.00
20	256QAM	100	0		16.92		18.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	20.28	20.42	20.37	21.50
15	QPSK	1	37	20.00	20.17	20.03	21.50
15	QPSK	1	74	20.06	20.19	20.10	21.50
15	QPSK	36	0	19.72	19.86	19.71	21.50
15	QPSK	36	20	19.53	19.79	19.57	21.50
15	QPSK	36	39	19.70	19.81	19.60	21.50
15	QPSK	75	0	19.70	19.88	19.67	21.50
15	16QAM	1	0	19.72	19.76	19.72	21.50
15	16QAM	1	37	19.58	19.73	19.62	21.50
15	16QAM	1	74	19.81	19.79	19.65	21.50
15	16QAM	36	0	19.65	19.68	19.70	21.00
15	16QAM	36	20	19.67	19.73	19.71	21.00
15	16QAM	36	39	19.43	19.66	19.45	21.00
15	16QAM	75	0	19.64	19.79	19.62	21.00
15	64QAM	1	0	19.62	19.79	19.70	21.00
15	64QAM	1	37	19.45	19.69	19.59	21.00



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15	64QAM	1	74	19.80	19.89	19.63	21.00
15	64QAM	36	0	18.61	18.69	18.71	20.00
15	64QAM	36	20	18.61	18.71	18.60	20.00
15	64QAM	36	39	18.64	18.70	18.74	20.00
15	64QAM	75	0	18.43	18.66	18.51	20.00
15	256QAM	1	0	16.67	16.71	16.62	18.00
15	256QAM	1	37	16.47	16.61	16.57	18.00
15	256QAM	1	74	16.58	16.70	16.54	18.00
15	256QAM	36	0	16.79	16.85	16.76	18.00
15	256QAM	36	20	16.80	16.79	16.77	18.00
15	256QAM	36	39	16.64	16.81	16.62	18.00
15	256QAM	75	0	16.66	16.86	16.82	18.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.37	20.37	20.37	21.50
10	QPSK	1	25	20.07	20.21	20.02	21.50
10	QPSK	1	49	19.99	20.25	20.06	21.50
10	QPSK	25	0	19.66	19.86	19.71	21.50
10	QPSK	25	12	19.51	19.68	19.67	21.50
10	QPSK	25	25	19.66	19.89	19.61	21.50
10	QPSK	50	0	19.78	19.79	19.71	21.50
10	16QAM	1	0	19.60	19.85	19.62	21.50
10	16QAM	1	25	19.59	19.74	19.65	21.50
10	16QAM	1	49	19.71	19.88	19.61	21.50
10	16QAM	25	0	19.55	19.71	19.70	21.00
10	16QAM	25	12	19.69	19.79	19.76	21.00
10	16QAM	25	25	19.39	19.60	19.53	21.00
10	16QAM	50	0	19.68	19.75	19.60	21.00
10	64QAM	1	0	19.66	19.88	19.71	21.00
10	64QAM	1	25	19.57	19.69	19.48	21.00
10	64QAM	1	49	19.76	19.85	19.71	21.00
10	64QAM	25	0	18.52	18.72	18.59	20.00
10	64QAM	25	12	18.58	18.73	18.61	20.00
10	64QAM	25	25	18.63	18.70	18.76	20.00
10	64QAM	50	0	18.39	18.59	18.46	20.00
10	256QAM	1	0	16.68	16.78	16.69	18.00
10	256QAM	1	25	16.46	16.67	16.55	18.00
10	256QAM	1	49	16.58	16.64	16.60	18.00
10	256QAM	25	0	16.79	16.84	16.70	18.00
10	256QAM	25	12	16.83	16.85	16.80	18.00
10	256QAM	25	25	16.62	16.82	16.71	18.00
10	256QAM	50	0	16.70	16.88	16.71	18.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.29	20.44	20.33	21.50
5	QPSK	1	12	20.00	20.23	20.08	21.50
5	QPSK	1	24	20.02	20.14	20.08	21.50
5	QPSK	12	0	19.67	19.83	19.63	21.50
5	QPSK	12	7	19.59	19.75	19.64	21.50
5	QPSK	12	13	19.62	19.88	19.65	21.50
5	QPSK	25	0	19.80	19.79	19.74	21.50
5	16QAM	1	0	19.65	19.75	19.65	21.50
5	16QAM	1	12	19.55	19.66	19.62	21.50
5	16QAM	1	24	19.69	19.86	19.70	21.50
5	16QAM	12	0	19.67	19.76	19.70	21.00
5	16QAM	12	7	19.68	19.77	19.65	21.00
5	16QAM	12	13	19.41	19.70	19.50	21.00
5	16QAM	25	0	19.64	19.74	19.64	21.00
5	64QAM	1	0	19.71	19.79	19.69	21.00
5	64QAM	1	12	19.56	19.62	19.53	21.00
5	64QAM	1	24	19.72	19.86	19.74	21.00
5	64QAM	12	0	18.61	18.70	18.63	20.00
5	64QAM	12	7	18.59	18.75	18.56	20.00
5	64QAM	12	13	18.75	18.82	18.66	20.00
5	64QAM	25	0	18.45	18.56	18.43	20.00
5	256QAM	1	0	16.58	16.75	16.69	18.00
5	256QAM	1	12	16.46	16.68	16.49	18.00
5	256QAM	1	24	16.54	16.63	16.60	18.00
5	256QAM	12	0	16.76	16.87	16.72	18.00
5	256QAM	12	7	16.81	16.81	16.71	18.00
5	256QAM	12	13	16.65	16.75	16.63	18.00
5	256QAM	25	0	16.67	16.88	16.77	18.00

**【LTE Band 38_Ant 4_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					38000		
Frequency (MHz)					2595		
20	QPSK	1	0		21.96		23.00
20	QPSK	1	49		21.76		23.00
20	QPSK	1	99		21.65		23.00
20	QPSK	50	0		20.96		22.00
20	QPSK	50	24		20.75		22.00
20	QPSK	50	50		20.86		22.00
20	QPSK	100	0		20.92		22.00
20	16QAM	1	0		20.78		22.00
20	16QAM	1	49		20.83		22.00
20	16QAM	1	99		20.84		22.00
20	16QAM	50	0		19.88		21.00
20	16QAM	50	24		19.93		21.00
20	16QAM	50	50		19.92		21.00
20	16QAM	100	0		19.94		21.00
20	64QAM	1	0		19.84		21.00
20	64QAM	1	49		19.96		21.00
20	64QAM	1	99		19.88		21.00
20	64QAM	50	0		18.86		20.00
20	64QAM	50	24		18.80		20.00
20	64QAM	50	50		18.83		20.00
20	64QAM	100	0		18.97		20.00
20	256QAM	1	0		16.82		18.00
20	256QAM	1	49		16.86		18.00
20	256QAM	1	99		16.91		18.00
20	256QAM	50	0		16.79		18.00
20	256QAM	50	24		16.97		18.00
20	256QAM	50	50		16.85		18.00
20	256QAM	100	0		16.81		18.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	21.86	21.90	21.74	23.00
15	QPSK	1	37	21.58	21.73	21.39	23.00
15	QPSK	1	74	21.49	21.59	21.51	23.00
15	QPSK	36	0	20.83	20.83	20.90	22.00
15	QPSK	36	20	20.50	20.61	20.60	22.00
15	QPSK	36	39	20.62	20.82	20.57	22.00
15	QPSK	75	0	20.72	20.89	20.62	22.00
15	16QAM	1	0	20.60	20.67	20.51	22.00
15	16QAM	1	37	20.71	20.73	20.63	22.00
15	16QAM	1	74	20.68	20.80	20.59	22.00
15	16QAM	36	0	19.77	19.75	19.64	21.00
15	16QAM	36	20	19.82	19.83	19.71	21.00
15	16QAM	36	39	19.73	19.81	19.62	21.00
15	16QAM	75	0	19.76	19.86	19.64	21.00
15	64QAM	1	0	19.72	19.77	19.62	21.00
15	64QAM	1	37	19.78	19.84	19.63	21.00
15	64QAM	1	74	19.72	19.84	19.54	21.00
15	64QAM	36	0	18.57	18.85	18.62	20.00
15	64QAM	36	20	18.58	18.79	18.59	20.00
15	64QAM	36	39	18.59	18.71	18.61	20.00
15	64QAM	75	0	18.79	18.85	18.67	20.00
15	256QAM	1	0	16.52	16.70	16.66	18.00
15	256QAM	1	37	16.65	16.74	16.68	18.00
15	256QAM	1	74	16.69	16.88	16.64	18.00
15	256QAM	36	0	16.51	16.75	16.62	18.00
15	256QAM	36	20	16.85	16.91	16.72	18.00
15	256QAM	36	39	16.69	16.73	16.73	18.00
15	256QAM	75	0	16.68	16.77	16.58	18.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.82	21.85	21.79	23.00
10	QPSK	1	25	21.62	21.62	21.50	23.00
10	QPSK	1	49	21.49	21.54	21.45	23.00
10	QPSK	25	0	20.90	20.86	20.91	22.00
10	QPSK	25	12	20.57	20.64	20.59	22.00
10	QPSK	25	25	20.64	20.73	20.62	22.00
10	QPSK	50	0	20.72	20.80	20.68	22.00
10	16QAM	1	0	20.58	20.71	20.55	22.00
10	16QAM	1	25	20.62	20.76	20.62	22.00
10	16QAM	1	49	20.62	20.69	20.57	22.00



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10	16QAM	25	0	19.71	19.78	19.66	21.00
10	16QAM	25	12	19.82	19.88	19.72	21.00
10	16QAM	25	25	19.83	19.87	19.70	21.00
10	16QAM	50	0	19.76	19.84	19.60	21.00
10	64QAM	1	0	19.66	19.76	19.55	21.00
10	64QAM	1	25	19.70	19.93	19.67	21.00
10	64QAM	1	49	19.76	19.79	19.64	21.00
10	64QAM	25	0	18.58	18.77	18.64	20.00
10	64QAM	25	12	18.50	18.67	18.69	20.00
10	64QAM	25	25	18.60	18.82	18.58	20.00
10	64QAM	50	0	18.75	18.86	18.65	20.00
10	256QAM	1	0	16.55	16.73	16.63	18.00
10	256QAM	1	25	16.58	16.82	16.61	18.00
10	256QAM	1	49	16.78	16.80	16.66	18.00
10	256QAM	25	0	16.57	16.72	16.55	18.00
10	256QAM	25	12	16.79	16.85	16.81	18.00
10	256QAM	25	25	16.71	16.77	16.68	18.00
10	256QAM	50	0	16.69	16.74	16.48	18.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.82	21.92	21.86	23.00
5	QPSK	1	12	21.52	21.62	21.41	23.00
5	QPSK	1	24	21.51	21.61	21.44	23.00
5	QPSK	12	0	20.85	20.86	20.85	22.00
5	QPSK	12	7	20.50	20.61	20.60	22.00
5	QPSK	12	13	20.59	20.80	20.57	22.00
5	QPSK	25	0	20.73	20.80	20.56	22.00
5	16QAM	1	0	20.47	20.71	20.59	22.00
5	16QAM	1	12	20.67	20.73	20.50	22.00
5	16QAM	1	24	20.72	20.72	20.52	22.00
5	16QAM	12	0	19.75	19.79	19.62	21.00
5	16QAM	12	7	19.74	19.91	19.79	21.00
5	16QAM	12	13	19.75	19.88	19.67	21.00
5	16QAM	25	0	19.74	19.93	19.72	21.00
5	64QAM	1	0	19.65	19.82	19.49	21.00
5	64QAM	1	12	19.78	19.85	19.66	21.00
5	64QAM	1	24	19.66	19.74	19.60	21.00
5	64QAM	12	0	18.64	18.80	18.60	20.00
5	64QAM	12	7	18.59	18.65	18.60	20.00
5	64QAM	12	13	18.63	18.75	18.52	20.00
5	64QAM	25	0	18.68	18.87	18.66	20.00
5	256QAM	1	0	16.54	16.67	16.72	18.00
5	256QAM	1	12	16.63	16.75	16.59	18.00
5	256QAM	1	24	16.76	16.84	16.66	18.00
5	256QAM	12	0	16.48	16.72	16.57	18.00
5	256QAM	12	7	16.86	16.87	16.77	18.00
5	256QAM	12	13	16.69	16.76	16.71	18.00
5	256QAM	25	0	16.60	16.73	16.59	18.00

【LTE Band 41_Ant 3_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	23.37	23.40	23.47	23.42	23.27	24.00
20	QPSK	1	49	23.15	23.26	23.39	23.31	23.05	24.00
20	QPSK	1	99	23.06	23.21	23.29	23.18	22.98	24.00
20	QPSK	50	0	22.44	22.46	22.60	22.49	22.37	23.00
20	QPSK	50	24	22.38	22.41	22.58	22.45	22.34	23.00
20	QPSK	50	50	22.33	22.36	22.51	22.44	22.31	23.00
20	QPSK	100	0	22.29	22.41	22.52	22.35	22.26	23.00
20	16QAM	1	0	22.03	22.15	22.26	22.11	22.05	23.00
20	16QAM	1	49	21.97	21.93	22.12	21.95	21.89	23.00
20	16QAM	1	99	21.85	21.91	22.04	21.86	21.74	23.00
20	16QAM	50	0	20.90	20.94	21.10	20.99	20.85	22.00
20	16QAM	50	24	20.95	21.03	21.13	20.99	20.86	22.00
20	16QAM	50	50	20.89	20.91	21.09	21.02	20.88	22.00
20	16QAM	100	0	20.89	20.98	21.10	20.92	20.83	22.00
20	64QAM	1	0	21.05	20.99	21.16	21.06	20.87	22.00
20	64QAM	1	49	21.01	21.06	21.15	21.05	20.88	22.00
20	64QAM	1	99	20.79	20.76	20.96	20.88	20.69	22.00
20	64QAM	50	0	19.88	19.95	20.08	19.95	19.84	21.00
20	64QAM	50	24	19.93	19.99	20.14	20.05	19.84	21.00



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20	64QAM	50	50	19.93	19.82	20.03	19.97	19.72	21.00
20	64QAM	100	0	19.98	19.89	20.09	19.98	19.91	21.00
20	256QAM	1	0	17.93	17.83	18.02	17.86	17.85	19.00
20	256QAM	1	49	17.89	17.96	18.06	17.99	17.77	19.00
20	256QAM	1	99	17.74	17.69	17.88	17.80	17.62	19.00
20	256QAM	50	0	17.93	17.97	18.05	17.97	17.82	19.00
20	256QAM	50	24	17.93	17.92	18.12	18.06	17.95	19.00
20	256QAM	50	50	17.95	17.93	18.07	18.02	17.85	19.00
20	256QAM	100	0	17.85	17.95	18.07	17.94	17.85	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	23.24	23.28	23.39	23.28	23.24	24.00
15	QPSK	1	37	23.02	23.17	23.27	23.20	22.95	24.00
15	QPSK	1	74	23.00	23.18	23.16	23.09	22.87	24.00
15	QPSK	36	0	22.33	22.37	22.56	22.45	22.36	23.00
15	QPSK	36	20	22.34	22.38	22.54	22.39	22.21	23.00
15	QPSK	36	39	22.31	22.34	22.36	22.33	22.21	23.00
15	QPSK	75	0	22.14	22.30	22.47	22.29	22.22	23.00
15	16QAM	1	0	21.96	22.07	22.11	22.08	21.98	23.00
15	16QAM	1	37	21.83	21.84	22.06	21.86	21.80	23.00
15	16QAM	1	74	21.71	21.89	21.96	21.84	21.71	23.00
15	16QAM	36	0	20.77	20.85	21.03	20.89	20.84	22.00
15	16QAM	36	20	20.86	20.92	21.11	20.91	20.78	22.00
15	16QAM	36	39	20.85	20.80	21.07	20.97	20.76	22.00
15	16QAM	75	0	20.80	20.85	20.98	20.82	20.78	22.00
15	64QAM	1	0	21.00	20.86	21.06	21.04	20.75	22.00
15	64QAM	1	37	20.92	20.97	21.01	20.94	20.78	22.00
15	64QAM	1	74	20.72	20.63	20.89	20.80	20.59	22.00
15	64QAM	36	0	19.74	19.85	20.06	19.84	19.78	21.00
15	64QAM	36	20	19.80	19.85	20.08	20.04	19.76	21.00
15	64QAM	36	39	19.88	19.73	20.00	19.84	19.58	21.00
15	64QAM	75	0	19.95	19.81	20.05	19.85	19.80	21.00
15	256QAM	1	0	17.88	17.71	17.99	17.77	17.84	19.00
15	256QAM	1	37	17.86	17.83	17.95	17.93	17.67	19.00
15	256QAM	1	74	17.63	17.63	17.87	17.72	17.55	19.00
15	256QAM	36	0	17.84	17.83	17.96	17.91	17.78	19.00
15	256QAM	36	20	17.81	17.78	18.07	17.93	17.92	19.00
15	256QAM	36	39	17.83	17.82	17.96	17.96	17.77	19.00
15	256QAM	75	0	17.72	17.92	17.99	17.81	17.71	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.33	23.29	23.33	23.36	23.15	24.00
10	QPSK	1	25	23.14	23.24	23.24	23.23	22.99	24.00
10	QPSK	1	49	22.92	23.18	23.15	23.14	22.91	24.00
10	QPSK	25	0	22.39	22.27	22.57	22.43	22.23	23.00
10	QPSK	25	12	22.24	22.39	22.54	22.42	22.27	23.00
10	QPSK	25	25	22.27	22.27	22.40	22.36	22.24	23.00
10	QPSK	50	0	22.19	22.28	22.50	22.26	22.12	23.00
10	16QAM	1	0	21.88	22.04	22.19	22.00	22.03	23.00
10	16QAM	1	25	21.83	21.83	21.98	21.84	21.78	23.00
10	16QAM	1	49	21.82	21.80	21.96	21.81	21.60	23.00
10	16QAM	25	0	20.86	20.82	21.02	20.91	20.80	22.00
10	16QAM	25	12	20.89	20.97	21.04	20.93	20.79	22.00
10	16QAM	25	25	20.87	20.88	21.00	20.96	20.77	22.00
10	16QAM	50	0	20.83	20.84	20.98	20.89	20.73	22.00
10	64QAM	1	0	20.97	20.92	21.13	20.96	20.83	22.00
10	64QAM	1	25	21.00	20.94	21.01	20.96	20.78	22.00
10	64QAM	1	49	20.66	20.62	20.88	20.74	20.67	22.00
10	64QAM	25	0	19.76	19.92	20.02	19.80	19.79	21.00
10	64QAM	25	12	19.90	19.91	20.00	19.94	19.72	21.00
10	64QAM	25	25	19.82	19.73	19.91	19.85	19.70	21.00
10	64QAM	50	0	19.91	19.76	20.03	19.96	19.80	21.00
10	256QAM	1	0	17.80	17.74	17.94	17.78	17.73	19.00
10	256QAM	1	25	17.77	17.92	17.94	17.97	17.70	19.00
10	256QAM	1	49	17.63	17.67	17.75	17.75	17.47	19.00
10	256QAM	25	0	17.79	17.88	17.95	17.85	17.74	19.00
10	256QAM	25	12	17.84	17.86	18.02	18.03	17.90	19.00
10	256QAM	25	25	17.89	17.88	18.00	17.94	17.72	19.00
10	256QAM	50	0	17.71	17.82	18.06	17.93	17.76	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	23.29	23.26	23.39	23.34	23.24	24.00
5	QPSK	1	12	23.03	23.20	23.37	23.23	23.03	24.00
5	QPSK	1	24	23.00	23.08	23.23	23.14	22.95	24.00
5	QPSK	12	0	22.42	22.30	22.50	22.36	22.23	23.00
5	QPSK	12	7	22.24	22.33	22.48	22.41	22.28	23.00
5	QPSK	12	13	22.23	22.25	22.48	22.30	22.27	23.00
5	QPSK	25	0	22.15	22.35	22.39	22.33	22.22	23.00



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5	16QAM	1	0	21.92	22.05	22.19	22.07	21.94	23.00
5	16QAM	1	12	21.91	21.80	22.09	21.81	21.81	23.00
5	16QAM	1	24	21.80	21.88	22.02	21.83	21.65	23.00
5	16QAM	12	0	20.87	20.82	21.03	20.85	20.71	22.00
5	16QAM	12	7	20.89	20.93	21.00	20.95	20.79	22.00
5	16QAM	12	13	20.80	20.83	21.04	20.95	20.82	22.00
5	16QAM	25	0	20.79	20.85	20.98	20.88	20.81	22.00
5	64QAM	1	0	21.00	20.93	21.11	20.98	20.82	22.00
5	64QAM	1	12	20.99	21.00	21.01	21.01	20.74	22.00
5	64QAM	1	24	20.71	20.74	20.84	20.81	20.56	22.00
5	64QAM	12	0	19.74	19.93	19.96	19.83	19.83	21.00
5	64QAM	12	7	19.78	19.92	20.05	19.94	19.81	21.00
5	64QAM	12	13	19.89	19.74	19.89	19.85	19.70	21.00
5	64QAM	25	0	19.97	19.74	20.00	19.89	19.84	21.00
5	256QAM	1	0	17.83	17.81	17.88	17.81	17.74	19.00
5	256QAM	1	12	17.84	17.88	17.98	17.87	17.65	19.00
5	256QAM	1	24	17.65	17.68	17.85	17.66	17.57	19.00
5	256QAM	12	0	17.90	17.82	17.99	17.86	17.70	19.00
5	256QAM	12	7	17.88	17.89	18.10	17.92	17.89	19.00
5	256QAM	12	13	17.81	17.86	18.06	17.90	17.80	19.00
5	256QAM	25	0	17.70	17.81	17.97	17.83	17.72	19.00

【LTE Band 41_Ant 3_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.55	17.59	17.62	17.59	17.51	18.60
20	QPSK	1	49	17.14	17.15	17.33	17.19	17.12	18.60
20	QPSK	1	99	17.40	17.41	17.48	17.35	17.33	18.60
20	QPSK	50	0	17.41	17.44	17.53	17.51	17.47	18.60
20	QPSK	50	24	17.19	17.21	17.32	17.28	17.10	18.60
20	QPSK	50	50	17.14	17.20	17.36	17.25	17.22	18.60
20	QPSK	100	0	17.43	17.46	17.50	17.42	17.45	18.60
20	16QAM	1	0	17.41	17.43	17.54	17.43	17.38	18.60
20	16QAM	1	49	17.38	17.35	17.49	17.34	17.35	18.60
20	16QAM	1	99	17.15	17.24	17.33	17.19	17.17	18.60
20	16QAM	50	0	17.26	17.28	17.40	17.27	17.20	18.60
20	16QAM	50	24	17.15	17.21	17.32	17.26	17.17	18.60
20	16QAM	50	50	17.18	17.19	17.32	17.18	17.14	18.60
20	16QAM	100	0	17.37	17.31	17.49	17.45	17.27	18.60
20	64QAM	1	0	17.19	17.27	17.38	17.29	17.16	18.60
20	64QAM	1	49	17.22	17.27	17.43	17.31	17.24	18.60
20	64QAM	1	99	17.33	17.47	17.53	17.38	17.38	18.60
20	64QAM	50	0	17.34	17.30	17.46	17.36	17.31	18.60
20	64QAM	50	24	17.12	17.22	17.33	17.21	17.13	18.60
20	64QAM	50	50	17.21	17.31	17.38	17.26	17.13	18.60
20	64QAM	100	0	17.21	17.16	17.33	17.18	17.11	18.60
20	256QAM	1	0	17.33	17.40	17.51	17.38	17.27	18.60
20	256QAM	1	49	17.16	17.24	17.37	17.29	17.19	18.60
20	256QAM	1	99	17.32	17.32	17.42	17.25	17.16	18.60
20	256QAM	50	0	17.24	17.29	17.41	17.35	17.25	18.60
20	256QAM	50	24	17.31	17.36	17.42	17.32	17.22	18.60
20	256QAM	50	50	17.31	17.23	17.40	17.25	17.21	18.60
20	256QAM	100	0	17.34	17.33	17.46	17.31	17.21	18.60
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.43	17.49	17.53	17.58	17.41	18.60
15	QPSK	1	37	17.08	17.13	17.31	17.13	17.01	18.60
15	QPSK	1	74	17.38	17.30	17.34	17.34	17.23	18.60
15	QPSK	36	0	17.32	17.38	17.50	17.47	17.37	18.60
15	QPSK	36	20	17.09	17.06	17.29	17.20	17.02	18.60
15	QPSK	36	39	17.07	17.17	17.28	17.21	17.08	18.60
15	QPSK	75	0	17.34	17.35	17.47	17.35	17.37	18.60
15	16QAM	1	0	17.36	17.29	17.48	17.29	17.30	18.60
15	16QAM	1	37	17.29	17.21	17.38	17.26	17.32	18.60
15	16QAM	1	74	17.12	17.20	17.19	17.05	17.16	18.60
15	16QAM	36	0	17.23	17.14	17.39	17.16	17.19	18.60
15	16QAM	36	20	17.13	17.09	17.27	17.12	17.11	18.60
15	16QAM	36	39	17.13	17.16	17.22	17.04	17.06	18.60
15	16QAM	75	0	17.25	17.28	17.46	17.35	17.24	18.60
15	64QAM	1	0	17.06	17.19	17.24	17.26	17.04	18.60
15	64QAM	1	37	17.12	17.16	17.31	17.19	17.18	18.60



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15	64QAM	1	74	17.28	17.38	17.45	17.26	17.33	18.60
15	64QAM	36	0	17.25	17.16	17.45	17.26	17.26	18.60
15	64QAM	36	20	17.09	17.14	17.28	17.09	17.08	18.60
15	64QAM	36	39	17.09	17.29	17.36	17.23	17.08	18.60
15	64QAM	75	0	17.18	17.06	17.22	17.06	17.03	18.60
15	256QAM	1	0	17.18	17.30	17.43	17.31	17.16	18.60
15	256QAM	1	37	17.04	17.09	17.26	17.22	17.16	18.60
15	256QAM	1	74	17.24	17.24	17.34	17.16	17.14	18.60
15	256QAM	36	0	17.20	17.20	17.36	17.24	17.13	18.60
15	256QAM	36	20	17.27	17.26	17.40	17.23	17.20	18.60
15	256QAM	36	39	17.27	17.10	17.27	17.23	17.20	18.60
15	256QAM	75	0	17.22	17.26	17.38	17.17	17.07	18.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.50	17.53	17.51	17.48	17.37	18.60
10	QPSK	1	25	17.04	17.00	17.32	17.14	17.07	18.60
10	QPSK	1	49	17.30	17.36	17.41	17.21	17.23	18.60
10	QPSK	25	0	17.38	17.35	17.45	17.39	17.37	18.60
10	QPSK	25	12	17.17	17.08	17.25	17.17	16.99	18.60
10	QPSK	25	25	17.05	17.17	17.22	17.19	17.17	18.60
10	QPSK	50	0	17.39	17.44	17.40	17.40	17.38	18.60
10	16QAM	1	0	17.33	17.29	17.46	17.31	17.25	18.60
10	16QAM	1	25	17.29	17.29	17.37	17.23	17.25	18.60
10	16QAM	1	49	17.13	17.12	17.29	17.05	17.12	18.60
10	16QAM	25	0	17.19	17.16	17.39	17.25	17.13	18.60
10	16QAM	25	12	17.11	17.12	17.28	17.21	17.05	18.60
10	16QAM	25	25	17.10	17.15	17.17	17.15	17.01	18.60
10	16QAM	50	0	17.34	17.30	17.48	17.35	17.18	18.60
10	64QAM	1	0	17.11	17.15	17.30	17.27	17.12	18.60
10	64QAM	1	25	17.20	17.14	17.38	17.26	17.10	18.60
10	64QAM	1	49	17.30	17.43	17.45	17.27	17.30	18.60
10	64QAM	25	0	17.31	17.24	17.42	17.32	17.28	18.60
10	64QAM	25	12	17.05	17.15	17.18	17.10	17.02	18.60
10	64QAM	25	25	17.15	17.19	17.36	17.22	17.00	18.60
10	64QAM	50	0	17.14	17.05	17.27	17.14	16.99	18.60
10	256QAM	1	0	17.30	17.36	17.42	17.32	17.16	18.60
10	256QAM	1	25	17.02	17.17	17.36	17.16	17.10	18.60
10	256QAM	1	49	17.25	17.20	17.40	17.20	17.05	18.60
10	256QAM	25	0	17.15	17.21	17.30	17.24	17.20	18.60
10	256QAM	25	12	17.27	17.32	17.27	17.20	17.20	18.60
10	256QAM	25	25	17.26	17.12	17.32	17.16	17.09	18.60
10	256QAM	50	0	17.33	17.18	17.33	17.29	17.14	18.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.48	17.56	17.60	17.44	17.39	18.60
5	QPSK	1	12	17.10	17.10	17.27	17.07	16.99	18.60
5	QPSK	1	24	17.38	17.36	17.38	17.29	17.25	18.60
5	QPSK	12	0	17.31	17.29	17.47	17.44	17.42	18.60
5	QPSK	12	7	17.14	17.12	17.26	17.19	17.05	18.60
5	QPSK	12	13	17.03	17.16	17.23	17.18	17.09	18.60
5	QPSK	25	0	17.30	17.38	17.45	17.33	17.31	18.60
5	16QAM	1	0	17.28	17.29	17.44	17.29	17.31	18.60
5	16QAM	1	12	17.32	17.33	17.48	17.21	17.21	18.60
5	16QAM	1	24	17.00	17.16	17.26	17.04	17.11	18.60
5	16QAM	12	0	17.21	17.22	17.31	17.21	17.06	18.60
5	16QAM	12	7	17.11	17.07	17.17	17.21	17.12	18.60
5	16QAM	12	13	17.16	17.10	17.25	17.04	17.00	18.60
5	16QAM	25	0	17.35	17.18	17.34	17.42	17.13	18.60
5	64QAM	1	0	17.05	17.18	17.34	17.21	17.05	18.60
5	64QAM	1	12	17.20	17.19	17.32	17.18	17.21	18.60
5	64QAM	1	24	17.25	17.36	17.43	17.33	17.28	18.60
5	64QAM	12	0	17.26	17.18	17.35	17.28	17.22	18.60
5	64QAM	12	7	17.09	17.18	17.24	17.15	17.12	18.60
5	64QAM	12	13	17.08	17.23	17.37	17.19	17.05	18.60
5	64QAM	25	0	17.07	17.11	17.30	17.07	17.01	18.60
5	256QAM	1	0	17.21	17.34	17.47	17.26	17.18	18.60
5	256QAM	1	12	17.07	17.13	17.35	17.25	17.16	18.60
5	256QAM	1	24	17.28	17.19	17.33	17.22	17.06	18.60
5	256QAM	12	0	17.20	17.18	17.31	17.33	17.14	18.60
5	256QAM	12	7	17.23	17.25	17.34	17.22	17.09	18.60
5	256QAM	12	13	17.19	17.11	17.37	17.17	17.09	18.60
5	256QAM	25	0	17.28	17.27	17.38	17.17	17.08	18.60

**[LTE Band 41_Ant 3_DSI 3]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.52	18.48	18.59	18.55	18.46	20.30
20	QPSK	1	49	18.30	18.31	18.43	18.34	18.31	20.30
20	QPSK	1	99	18.34	18.31	18.45	18.33	18.30	20.30
20	QPSK	50	0	18.30	18.30	18.38	18.30	18.30	20.30
20	QPSK	50	24	18.30	18.31	18.36	18.31	18.31	20.30
20	QPSK	50	50	18.30	18.30	18.30	18.31	18.31	20.30
20	QPSK	100	0	18.30	18.31	18.45	18.30	18.30	20.30
20	16QAM	1	0	18.31	18.31	18.30	18.31	18.30	20.30
20	16QAM	1	49	18.30	18.31	18.43	18.32	18.30	20.30
20	16QAM	1	99	18.30	18.30	18.38	18.32	18.32	20.30
20	16QAM	50	0	18.30	18.31	18.31	18.30	18.31	20.30
20	16QAM	50	24	18.32	18.30	18.37	18.31	18.32	20.30
20	16QAM	50	50	18.32	18.30	18.38	18.32	18.31	20.30
20	16QAM	100	0	18.34	18.30	18.44	18.33	18.31	20.30
20	64QAM	1	0	18.38	18.33	18.47	18.34	18.32	20.30
20	64QAM	1	49	18.30	18.32	18.32	18.31	18.31	20.30
20	64QAM	1	99	18.32	18.31	18.34	18.30	18.32	20.30
20	64QAM	50	0	18.31	18.31	18.34	18.31	18.30	20.30
20	64QAM	50	24	18.30	18.30	18.32	18.31	18.30	20.30
20	64QAM	50	50	18.38	18.35	18.48	18.39	18.30	20.30
20	64QAM	100	0	18.31	18.30	18.35	18.30	18.30	20.30
20	256QAM	1	0	18.30	18.30	18.35	18.30	18.31	19.00
20	256QAM	1	49	18.31	18.31	18.34	18.31	18.32	19.00
20	256QAM	1	99	18.31	18.30	18.39	18.31	18.30	19.00
20	256QAM	50	0	18.30	18.32	18.31	18.30	18.32	19.00
20	256QAM	50	24	18.31	18.30	18.46	18.30	18.30	19.00
20	256QAM	50	50	18.31	18.31	18.37	18.30	18.31	19.00
20	256QAM	100	0	18.30	18.31	18.36	18.31	18.30	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	18.46	18.42	18.44	18.52	18.43	20.30
15	QPSK	1	37	18.30	18.30	18.30	18.30	18.30	20.30
15	QPSK	1	74	18.30	18.31	18.41	18.30	18.32	20.30
15	QPSK	36	0	18.32	18.30	18.32	18.31	18.30	20.30
15	QPSK	36	20	18.30	18.30	18.30	18.30	18.32	20.30
15	QPSK	36	39	18.30	18.32	18.30	18.30	18.30	20.30
15	QPSK	75	0	18.30	18.30	18.34	18.31	18.31	20.30
15	16QAM	1	0	18.30	18.31	18.31	18.30	18.30	20.30
15	16QAM	1	37	18.31	18.31	18.40	18.32	18.30	20.30
15	16QAM	1	74	18.30	18.31	18.35	18.31	18.30	20.30
15	16QAM	36	0	18.30	18.30	18.31	18.30	18.32	20.30
15	16QAM	36	20	18.30	18.31	18.30	18.30	18.30	20.30
15	16QAM	36	39	18.30	18.30	18.35	18.31	18.30	20.30
15	16QAM	75	0	18.30	18.30	18.34	18.31	18.30	20.30
15	64QAM	1	0	18.30	18.31	18.44	18.31	18.30	20.30
15	64QAM	1	37	18.31	18.30	18.30	18.31	18.31	20.30
15	64QAM	1	74	18.32	18.31	18.30	18.30	18.30	20.30
15	64QAM	36	0	18.31	18.31	18.31	18.30	18.30	20.30
15	64QAM	36	20	18.31	18.30	18.30	18.30	18.30	20.30
15	64QAM	36	39	18.36	18.30	18.34	18.33	18.30	20.30
15	64QAM	75	0	18.32	18.30	18.30	18.30	18.32	20.30
15	256QAM	1	0	18.30	18.30	18.30	18.30	18.31	19.00
15	256QAM	1	37	18.31	18.30	18.30	18.30	18.31	19.00
15	256QAM	1	74	18.30	18.30	18.30	18.30	18.30	19.00
15	256QAM	36	0	18.30	18.30	18.30	18.30	18.31	19.00
15	256QAM	36	20	18.30	18.30	18.31	18.31	18.32	19.00
15	256QAM	36	39	18.32	18.30	18.30	18.30	18.30	19.00
15	256QAM	75	0	18.31	18.30	18.32	18.30	18.31	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.39	18.37	18.48	18.46	18.37	20.30
10	QPSK	1	25	18.30	18.31	18.36	18.31	18.31	20.30
10	QPSK	1	49	18.30	18.30	18.40	18.30	18.31	20.30
10	QPSK	25	0	18.30	18.30	18.32	18.32	18.30	20.30
10	QPSK	25	12	18.30	18.31	18.31	18.30	18.30	20.30
10	QPSK	25	25	18.30	18.30	18.31	18.31	18.32	20.30
10	QPSK	50	0	18.31	18.30	18.33	18.31	18.30	20.30
10	16QAM	1	0	18.30	18.30	18.31	18.31	18.30	20.30
10	16QAM	1	25	18.31	18.30	18.33	18.31	18.31	20.30
10	16QAM	1	49	18.31	18.30	18.30	18.30	18.30	20.30



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10	16QAM	25	0	18.30	18.30	18.30	18.31	18.31	20.30
10	16QAM	25	12	18.30	18.30	18.30	18.31	18.31	20.30
10	16QAM	25	25	18.30	18.30	18.31	18.31	18.30	20.30
10	16QAM	50	0	18.31	18.30	18.40	18.30	18.32	20.30
10	64QAM	1	0	18.32	18.30	18.40	18.31	18.30	20.30
10	64QAM	1	25	18.30	18.30	18.31	18.30	18.30	20.30
10	64QAM	1	49	18.30	18.31	18.31	18.30	18.31	20.30
10	64QAM	25	0	18.30	18.30	18.31	18.32	18.31	20.30
10	64QAM	25	12	18.30	18.31	18.31	18.30	18.30	20.30
10	64QAM	25	25	18.30	18.30	18.45	18.36	18.30	20.30
10	64QAM	50	0	18.30	18.30	18.33	18.30	18.30	20.30
10	256QAM	1	0	18.31	18.31	18.30	18.32	18.30	19.00
10	256QAM	1	25	18.32	18.31	18.30	18.32	18.32	19.00
10	256QAM	1	49	18.30	18.30	18.34	18.30	18.31	19.00
10	256QAM	25	0	18.31	18.31	18.30	18.32	18.31	19.00
10	256QAM	25	12	18.30	18.30	18.36	18.30	18.30	19.00
10	256QAM	25	25	18.30	18.30	18.34	18.30	18.31	19.00
10	256QAM	50	0	18.32	18.32	18.31	18.31	18.30	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	18.50	18.44	18.46	18.43	18.33	20.30
5	QPSK	1	12	18.32	18.30	18.35	18.33	18.30	20.30
5	QPSK	1	24	18.31	18.30	18.42	18.30	18.30	20.30
5	QPSK	12	0	18.30	18.30	18.31	18.31	18.31	20.30
5	QPSK	12	7	18.30	18.30	18.30	18.30	18.30	20.30
5	QPSK	12	13	18.30	18.32	18.31	18.31	18.30	20.30
5	QPSK	25	0	18.32	18.30	18.37	18.31	18.30	20.30
5	16QAM	1	0	18.30	18.32	18.30	18.31	18.30	20.30
5	16QAM	1	12	18.31	18.31	18.35	18.30	18.32	20.30
5	16QAM	1	24	18.31	18.31	18.31	18.31	18.32	20.30
5	16QAM	12	0	18.30	18.30	18.30	18.30	18.31	20.30
5	16QAM	12	7	18.31	18.30	18.30	18.30	18.31	20.30
5	16QAM	12	13	18.31	18.30	18.30	18.30	18.30	20.30
5	16QAM	25	0	18.32	18.32	18.37	18.31	18.30	20.30
5	64QAM	1	0	18.30	18.30	18.43	18.30	18.30	20.30
5	64QAM	1	12	18.30	18.31	18.31	18.31	18.31	20.30
5	64QAM	1	24	18.31	18.30	18.30	18.30	18.31	20.30
5	64QAM	12	0	18.31	18.31	18.32	18.30	18.31	20.30
5	64QAM	12	7	18.30	18.30	18.30	18.30	18.31	20.30
5	64QAM	12	13	18.34	18.30	18.42	18.37	18.30	20.30
5	64QAM	25	0	18.30	18.30	18.30	18.31	18.31	20.30
5	256QAM	1	0	18.30	18.31	18.32	18.30	18.30	19.00
5	256QAM	1	12	18.32	18.31	18.30	18.30	18.30	19.00
5	256QAM	1	24	18.30	18.32	18.36	18.31	18.30	19.00
5	256QAM	12	0	18.32	18.30	18.30	18.32	18.31	19.00
5	256QAM	12	7	18.31	18.30	18.35	18.30	18.30	19.00
5	256QAM	12	13	18.30	18.30	18.34	18.30	18.32	19.00
5	256QAM	25	0	18.30	18.30	18.30	18.30	18.31	19.00

【LTE Band 41_Ant 3_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.40	22.46	22.51	22.43	22.39	23.70
20	QPSK	1	49	22.12	22.19	22.28	22.11	22.03	23.70
20	QPSK	1	99	22.20	22.13	22.33	22.20	22.12	23.70
20	QPSK	50	0	22.31	22.28	22.40	22.34	22.38	22.80
20	QPSK	50	24	22.13	22.20	22.38	22.23	22.12	22.80
20	QPSK	50	50	22.12	22.15	22.26	22.05	22.03	22.80
20	QPSK	100	0	22.30	22.31	22.38	22.28	22.36	22.80
20	16QAM	1	0	22.15	22.11	22.28	22.15	22.08	22.80
20	16QAM	1	49	22.10	22.06	22.22	22.08	21.98	22.80
20	16QAM	1	99	22.15	22.27	22.36	22.15	22.20	22.80
20	16QAM	50	0	21.12	21.21	21.33	21.16	21.16	21.80
20	16QAM	50	24	21.14	21.07	21.26	21.16	21.04	21.80
20	16QAM	50	50	21.20	21.22	21.39	21.27	21.15	21.80
20	16QAM	100	0	21.06	21.22	21.28	21.07	21.08	21.80
20	64QAM	1	0	21.18	21.23	21.32	21.14	21.12	21.80
20	64QAM	1	49	21.03	21.11	21.27	21.16	21.06	21.80
20	64QAM	1	99	21.17	21.24	21.38	21.29	21.25	21.80
20	64QAM	50	0	20.23	20.30	20.37	20.22	20.16	20.80
20	64QAM	50	24	20.01	20.12	20.22	20.13	20.00	20.80



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20	64QAM	50	50	20.14	20.18	20.35	20.25	20.16	20.80
20	64QAM	100	0	20.11	20.11	20.27	20.18	20.06	20.80
20	256QAM	1	0	18.07	18.06	18.23	18.05	18.01	19.80
20	256QAM	1	49	18.19	18.29	18.34	18.20	18.17	19.80
20	256QAM	1	99	18.16	18.12	18.27	18.06	18.08	19.80
20	256QAM	50	0	18.21	18.22	18.34	18.24	18.09	19.80
20	256QAM	50	24	18.16	18.18	18.29	18.14	18.10	19.80
20	256QAM	50	50	18.18	18.23	18.30	18.20	18.08	19.80
20	256QAM	100	0	18.20	18.27	18.34	18.21	18.22	19.80
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.38	22.37	22.38	22.35	22.31	23.70
15	QPSK	1	37	22.00	22.10	22.22	22.09	22.02	23.70
15	QPSK	1	74	22.17	22.04	22.23	22.13	22.00	23.70
15	QPSK	36	0	22.22	22.16	22.36	22.29	22.27	22.80
15	QPSK	36	20	22.03	22.05	22.31	22.10	21.97	22.80
15	QPSK	36	39	22.10	22.05	22.23	21.93	21.99	22.80
15	QPSK	75	0	22.16	22.24	22.27	22.16	22.30	22.80
15	16QAM	1	0	22.08	22.08	22.16	22.08	22.06	22.80
15	16QAM	1	37	21.96	22.02	22.16	21.97	21.84	22.80
15	16QAM	1	74	22.03	22.17	22.25	22.05	22.18	22.80
15	16QAM	36	0	21.04	21.08	21.24	21.12	21.15	21.80
15	16QAM	36	20	21.11	20.93	21.12	21.02	21.01	21.80
15	16QAM	36	39	21.17	21.19	21.27	21.18	21.03	21.80
15	16QAM	75	0	20.92	21.09	21.23	20.93	20.93	21.80
15	64QAM	1	0	21.13	21.13	21.30	21.11	21.01	21.80
15	64QAM	1	37	21.00	20.97	21.18	21.01	20.93	21.80
15	64QAM	1	74	21.10	21.17	21.37	21.27	21.12	21.80
15	64QAM	36	0	20.12	20.22	20.32	20.11	20.06	20.80
15	64QAM	36	20	19.86	20.00	20.08	20.01	19.97	20.80
15	64QAM	36	39	20.03	20.11	20.20	20.13	20.03	20.80
15	64QAM	75	0	20.09	19.99	20.25	20.14	19.99	20.80
15	256QAM	1	0	18.00	18.00	18.11	18.01	18.00	19.80
15	256QAM	1	37	18.09	18.18	18.27	18.06	18.13	19.80
15	256QAM	1	74	18.03	18.01	18.24	18.01	18.01	19.80
15	256QAM	36	0	18.13	18.16	18.28	18.10	18.06	19.80
15	256QAM	36	20	18.04	18.15	18.24	18.01	18.03	19.80
15	256QAM	36	39	18.15	18.08	18.19	18.14	18.00	19.80
15	256QAM	75	0	18.14	18.23	18.26	18.12	18.15	19.80
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.34	22.37	22.49	22.35	22.32	23.70
10	QPSK	1	25	22.00	22.09	22.22	22.09	22.00	23.70
10	QPSK	1	49	22.18	22.05	22.18	22.06	22.09	23.70
10	QPSK	25	0	22.23	22.24	22.26	22.20	22.27	22.80
10	QPSK	25	12	22.02	22.11	22.35	22.15	22.01	22.80
10	QPSK	25	25	21.98	22.11	22.20	22.00	21.97	22.80
10	QPSK	50	0	22.17	22.17	22.28	22.24	22.27	22.80
10	16QAM	1	0	22.07	22.05	22.13	22.10	21.99	22.80
10	16QAM	1	25	22.07	21.95	22.07	21.95	21.94	22.80
10	16QAM	1	49	22.10	22.15	22.22	22.04	22.13	22.80
10	16QAM	25	0	21.02	21.07	21.21	21.06	21.11	21.80
10	16QAM	25	12	21.05	20.96	21.20	21.11	20.97	21.80
10	16QAM	25	25	21.17	21.14	21.31	21.13	21.13	21.80
10	16QAM	50	0	20.98	21.10	21.18	21.00	21.00	21.80
10	64QAM	1	0	21.15	21.14	21.30	21.09	20.97	21.80
10	64QAM	1	25	21.01	21.01	21.17	21.06	20.98	21.80
10	64QAM	1	49	21.16	21.14	21.32	21.26	21.23	21.80
10	64QAM	25	0	20.20	20.23	20.25	20.16	20.15	20.80
10	64QAM	25	12	19.99	20.03	20.08	19.99	19.90	20.80
10	64QAM	25	25	20.09	20.11	20.23	20.20	20.05	20.80
10	64QAM	50	0	20.09	20.05	20.17	20.03	20.04	20.80
10	256QAM	1	0	18.00	18.04	18.16	18.00	18.00	19.80
10	256QAM	1	25	18.14	18.21	18.20	18.09	18.05	19.80
10	256QAM	1	49	18.06	18.10	18.21	18.01	18.05	19.80
10	256QAM	25	0	18.08	18.12	18.33	18.22	18.00	19.80
10	256QAM	25	12	18.03	18.10	18.18	18.00	18.00	19.80
10	256QAM	25	25	18.15	18.10	18.18	18.15	18.00	19.80
10	256QAM	50	0	18.11	18.15	18.20	18.14	18.09	19.80
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.30	22.32	22.46	22.42	22.30	23.70
5	QPSK	1	12	22.01	22.12	22.18	22.01	22.00	23.70
5	QPSK	1	24	22.06	22.05	22.30	22.10	22.03	23.70
5	QPSK	12	0	22.29	22.27	22.37	22.23	22.32	22.80
5	QPSK	12	7	22.01	22.11	22.37	22.13	22.05	22.80
5	QPSK	12	13	22.09	22.06	22.15	21.93	21.98	22.80
5	QPSK	25	0	22.26	22.16	22.30	22.21	22.29	22.80



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5	16QAM	1	0	22.13	21.97	22.26	22.13	22.06	22.80
5	16QAM	1	12	22.05	21.99	22.16	22.00	21.91	22.80
5	16QAM	1	24	22.02	22.23	22.34	22.11	22.08	22.80
5	16QAM	12	0	21.06	21.18	21.28	21.01	21.10	21.80
5	16QAM	12	7	21.11	21.02	21.25	21.09	20.89	21.80
5	16QAM	12	13	21.06	21.11	21.26	21.20	21.01	21.80
5	16QAM	25	0	20.91	21.11	21.21	20.94	21.05	21.80
5	64QAM	1	0	21.10	21.14	21.26	21.01	20.98	21.80
5	64QAM	1	12	20.97	21.06	21.23	21.03	21.00	21.80
5	64QAM	1	24	21.14	21.20	21.30	21.27	21.18	21.80
5	64QAM	12	0	20.20	20.20	20.32	20.10	20.14	20.80
5	64QAM	12	7	19.87	20.00	20.10	19.99	19.86	20.80
5	64QAM	12	13	20.02	20.07	20.22	20.12	20.11	20.80
5	64QAM	25	0	19.99	20.09	20.22	20.15	20.03	20.80
5	256QAM	1	0	18.00	18.00	18.17	18.01	18.01	19.80
5	256QAM	1	12	18.17	18.19	18.23	18.18	18.06	19.80
5	256QAM	1	24	18.09	18.05	18.13	18.00	18.01	19.80
5	256QAM	12	0	18.09	18.14	18.28	18.19	18.01	19.80
5	256QAM	12	7	18.01	18.14	18.21	18.06	18.08	19.80
5	256QAM	12	13	18.13	18.18	18.26	18.10	18.04	19.80
5	256QAM	25	0	18.06	18.25	18.24	18.11	18.11	19.80

【LTE Band 41_Ant 3_DSI 12】

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	13.75	13.78	13.85	13.84	13.82	15.30
20	QPSK	1	49	13.62	13.74	13.80	13.79	13.79	15.30
20	QPSK	1	99	13.67	13.67	13.79	13.70	13.72	15.30
20	QPSK	50	0	13.75	13.78	13.84	13.78	13.79	15.30
20	QPSK	50	24	13.63	13.73	13.81	13.70	13.74	15.30
20	QPSK	50	50	13.63	13.72	13.77	13.76	13.75	15.30
20	QPSK	100	0	13.63	13.68	13.81	13.75	13.69	15.30
20	16QAM	1	0	13.66	13.69	13.71	13.78	13.78	15.30
20	16QAM	1	49	13.65	13.74	13.79	13.75	13.71	15.30
20	16QAM	1	99	13.63	13.71	13.72	13.71	13.70	15.30
20	16QAM	50	0	13.66	13.65	13.74	13.75	13.75	15.30
20	16QAM	50	24	13.61	13.72	13.71	13.76	13.73	15.30
20	16QAM	50	50	13.70	13.70	13.73	13.77	13.68	15.30
20	16QAM	100	0	13.64	13.69	13.73	13.73	13.67	15.30
20	64QAM	1	0	13.63	13.74	13.71	13.71	13.67	15.30
20	64QAM	1	49	13.68	13.70	13.77	13.77	13.69	15.30
20	64QAM	1	99	13.66	13.68	13.74	13.70	13.71	15.30
20	64QAM	50	0	13.69	13.65	13.72	13.77	13.71	15.30
20	64QAM	50	24	13.72	13.70	13.82	13.69	13.67	15.30
20	64QAM	50	50	13.61	13.74	13.77	13.75	13.77	15.30
20	64QAM	100	0	13.66	13.69	13.80	13.74	13.75	15.30
20	256QAM	1	0	13.64	13.74	13.74	13.78	13.78	15.30
20	256QAM	1	49	13.71	13.64	13.77	13.73	13.78	15.30
20	256QAM	1	99	13.68	13.74	13.72	13.75	13.78	15.30
20	256QAM	50	0	13.64	13.68	13.77	13.79	13.79	15.30
20	256QAM	50	24	13.69	13.69	13.76	13.75	13.70	15.30
20	256QAM	50	50	13.64	13.67	13.81	13.78	13.69	15.30
20	256QAM	100	0	13.67	13.70	13.77	13.72	13.68	15.30
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	13.71	13.74	13.70	13.83	13.74	15.30
15	QPSK	1	37	13.56	13.71	13.78	13.71	13.68	15.30
15	QPSK	1	74	13.59	13.60	13.69	13.55	13.69	15.30
15	QPSK	36	0	13.58	13.62	13.75	13.74	13.65	15.30
15	QPSK	36	20	13.55	13.62	13.74	13.58	13.61	15.30
15	QPSK	36	39	13.55	13.68	13.64	13.74	13.66	15.30
15	QPSK	75	0	13.53	13.60	13.76	13.73	13.64	15.30
15	16QAM	1	0	13.59	13.65	13.60	13.68	13.63	15.30
15	16QAM	1	37	13.59	13.61	13.69	13.63	13.59	15.30
15	16QAM	1	74	13.60	13.65	13.58	13.65	13.61	15.30
15	16QAM	36	0	13.54	13.52	13.69	13.62	13.66	15.30
15	16QAM	36	20	13.48	13.65	13.67	13.72	13.66	15.30
15	16QAM	36	39	13.64	13.64	13.71	13.63	13.61	15.30
15	16QAM	75	0	13.59	13.62	13.68	13.59	13.61	15.30
15	64QAM	1	0	13.51	13.69	13.65	13.61	13.63	15.30
15	64QAM	1	37	13.58	13.59	13.74	13.72	13.65	15.30



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15	64QAM	1	74	13.56	13.57	13.65	13.61	13.67	15.30
15	64QAM	36	0	13.55	13.54	13.60	13.64	13.60	15.30
15	64QAM	36	20	13.63	13.55	13.70	13.60	13.64	15.30
15	64QAM	36	39	13.51	13.67	13.70	13.62	13.70	15.30
15	64QAM	75	0	13.60	13.61	13.66	13.63	13.63	15.30
15	256QAM	1	0	13.61	13.59	13.65	13.76	13.68	15.30
15	256QAM	1	37	13.68	13.55	13.63	13.69	13.74	15.30
15	256QAM	1	74	13.67	13.60	13.68	13.63	13.66	15.30
15	256QAM	36	0	13.55	13.56	13.65	13.65	13.71	15.30
15	256QAM	36	20	13.64	13.55	13.63	13.72	13.63	15.30
15	256QAM	36	39	13.56	13.53	13.71	13.67	13.63	15.30
15	256QAM	75	0	13.61	13.60	13.66	13.65	13.55	15.30
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	13.69	13.73	13.71	13.72	13.77	15.30
10	QPSK	1	25	13.55	13.63	13.71	13.69	13.69	15.30
10	QPSK	1	49	13.54	13.65	13.67	13.67	13.68	15.30
10	QPSK	25	0	13.55	13.68	13.79	13.75	13.73	15.30
10	QPSK	25	12	13.59	13.71	13.77	13.56	13.68	15.30
10	QPSK	25	25	13.57	13.57	13.75	13.63	13.63	15.30
10	QPSK	50	0	13.56	13.54	13.68	13.73	13.60	15.30
10	16QAM	1	0	13.58	13.57	13.67	13.69	13.75	15.30
10	16QAM	1	25	13.57	13.69	13.66	13.71	13.64	15.30
10	16QAM	1	49	13.51	13.59	13.59	13.60	13.62	15.30
10	16QAM	25	0	13.62	13.54	13.71	13.66	13.62	15.30
10	16QAM	25	12	13.49	13.57	13.68	13.65	13.63	15.30
10	16QAM	25	25	13.58	13.61	13.63	13.69	13.56	15.30
10	16QAM	50	0	13.58	13.62	13.67	13.61	13.57	15.30
10	64QAM	1	0	13.58	13.61	13.59	13.67	13.61	15.30
10	64QAM	1	25	13.59	13.63	13.66	13.67	13.55	15.30
10	64QAM	1	49	13.56	13.64	13.71	13.60	13.56	15.30
10	64QAM	25	0	13.56	13.62	13.59	13.63	13.64	15.30
10	64QAM	25	12	13.59	13.60	13.71	13.64	13.58	15.30
10	64QAM	25	25	13.50	13.60	13.74	13.72	13.69	15.30
10	64QAM	50	0	13.58	13.63	13.78	13.71	13.73	15.30
10	256QAM	1	0	13.53	13.64	13.59	13.72	13.67	15.30
10	256QAM	1	25	13.60	13.56	13.71	13.71	13.76	15.30
10	256QAM	1	49	13.56	13.72	13.61	13.73	13.75	15.30
10	256QAM	25	0	13.55	13.54	13.62	13.69	13.67	15.30
10	256QAM	25	12	13.64	13.56	13.65	13.65	13.69	15.30
10	256QAM	25	25	13.62	13.56	13.76	13.67	13.58	15.30
10	256QAM	50	0	13.57	13.55	13.64	13.66	13.63	15.30
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	13.62	13.71	13.78	13.73	13.71	15.30
5	QPSK	1	12	13.61	13.71	13.70	13.64	13.78	15.30
5	QPSK	1	24	13.60	13.61	13.66	13.62	13.66	15.30
5	QPSK	12	0	13.57	13.68	13.81	13.68	13.69	15.30
5	QPSK	12	7	13.48	13.67	13.74	13.58	13.65	15.30
5	QPSK	12	13	13.61	13.70	13.74	13.69	13.71	15.30
5	QPSK	25	0	13.60	13.59	13.72	13.68	13.57	15.30
5	16QAM	1	0	13.65	13.59	13.68	13.75	13.74	15.30
5	16QAM	1	12	13.54	13.72	13.76	13.68	13.66	15.30
5	16QAM	1	24	13.60	13.65	13.59	13.57	13.60	15.30
5	16QAM	12	0	13.52	13.52	13.66	13.70	13.73	15.30
5	16QAM	12	7	13.48	13.61	13.56	13.71	13.60	15.30
5	16QAM	12	13	13.69	13.62	13.62	13.65	13.63	15.30
5	16QAM	25	0	13.55	13.60	13.64	13.62	13.59	15.30
5	64QAM	1	0	13.53	13.62	13.61	13.68	13.55	15.30
5	64QAM	1	12	13.62	13.56	13.65	13.65	13.56	15.30
5	64QAM	1	24	13.54	13.64	13.65	13.59	13.68	15.30
5	64QAM	12	0	13.66	13.62	13.71	13.67	13.70	15.30
5	64QAM	12	7	13.58	13.67	13.79	13.68	13.61	15.30
5	64QAM	12	13	13.50	13.59	13.71	13.73	13.70	15.30
5	64QAM	25	0	13.55	13.56	13.77	13.66	13.67	15.30
5	256QAM	1	0	13.59	13.67	13.67	13.67	13.67	15.30
5	256QAM	1	12	13.63	13.61	13.64	13.64	13.65	15.30
5	256QAM	1	24	13.66	13.71	13.62	13.70	13.69	15.30
5	256QAM	12	0	13.52	13.53	13.74	13.69	13.67	15.30
5	256QAM	12	7	13.59	13.67	13.67	13.73	13.65	15.30
5	256QAM	12	13	13.50	13.62	13.70	13.69	13.65	15.30
5	256QAM	25	0	13.63	13.60	13.65	13.63	13.65	15.30



【LTE Band 41_Ant 3_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.55	17.59	17.62	17.59	17.51	18.60
20	QPSK	1	49	17.14	17.15	17.33	17.19	17.12	18.60
20	QPSK	1	99	17.40	17.41	17.48	17.35	17.33	18.60
20	QPSK	50	0	17.41	17.44	17.53	17.51	17.47	18.60
20	QPSK	50	24	17.19	17.21	17.32	17.28	17.10	18.60
20	QPSK	50	50	17.14	17.20	17.36	17.25	17.22	18.60
20	QPSK	100	0	17.43	17.46	17.50	17.42	17.45	18.60
20	16QAM	1	0	17.41	17.43	17.54	17.43	17.38	18.60
20	16QAM	1	49	17.38	17.35	17.49	17.34	17.35	18.60
20	16QAM	1	99	17.15	17.24	17.33	17.19	17.17	18.60
20	16QAM	50	0	17.26	17.28	17.40	17.27	17.20	18.60
20	16QAM	50	24	17.15	17.21	17.32	17.26	17.17	18.60
20	16QAM	50	50	17.18	17.19	17.32	17.18	17.14	18.60
20	16QAM	100	0	17.37	17.31	17.49	17.45	17.27	18.60
20	64QAM	1	0	17.19	17.27	17.38	17.29	17.16	18.60
20	64QAM	1	49	17.22	17.27	17.43	17.31	17.24	18.60
20	64QAM	1	99	17.33	17.47	17.53	17.38	17.38	18.60
20	64QAM	50	0	17.34	17.30	17.46	17.36	17.31	18.60
20	64QAM	50	24	17.12	17.22	17.33	17.21	17.13	18.60
20	64QAM	50	50	17.21	17.31	17.38	17.26	17.13	18.60
20	64QAM	100	0	17.21	17.16	17.33	17.18	17.11	18.60
20	256QAM	1	0	17.33	17.40	17.51	17.38	17.27	18.60
20	256QAM	1	49	17.16	17.24	17.37	17.29	17.19	18.60
20	256QAM	1	99	17.32	17.32	17.42	17.25	17.16	18.60
20	256QAM	50	0	17.24	17.29	17.41	17.35	17.25	18.60
20	256QAM	50	24	17.31	17.36	17.42	17.32	17.22	18.60
20	256QAM	50	50	17.31	17.23	17.40	17.25	17.21	18.60
20	256QAM	100	0	17.34	17.33	17.46	17.31	17.21	18.60
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.43	17.49	17.53	17.58	17.41	18.60
15	QPSK	1	37	17.08	17.13	17.31	17.13	17.01	18.60
15	QPSK	1	74	17.38	17.30	17.34	17.34	17.23	18.60
15	QPSK	36	0	17.32	17.38	17.50	17.47	17.37	18.60
15	QPSK	36	20	17.09	17.06	17.29	17.20	17.02	18.60
15	QPSK	36	39	17.07	17.17	17.28	17.21	17.08	18.60
15	QPSK	75	0	17.34	17.35	17.47	17.35	17.37	18.60
15	16QAM	1	0	17.36	17.29	17.48	17.29	17.30	18.60
15	16QAM	1	37	17.29	17.21	17.38	17.26	17.32	18.60
15	16QAM	1	74	17.12	17.20	17.19	17.05	17.16	18.60
15	16QAM	36	0	17.23	17.14	17.39	17.16	17.19	18.60
15	16QAM	36	20	17.13	17.09	17.27	17.12	17.11	18.60
15	16QAM	36	39	17.13	17.16	17.22	17.04	17.06	18.60
15	16QAM	75	0	17.25	17.28	17.46	17.35	17.24	18.60
15	64QAM	1	0	17.06	17.19	17.24	17.26	17.04	18.60
15	64QAM	1	37	17.12	17.16	17.31	17.19	17.18	18.60
15	64QAM	1	74	17.28	17.38	17.45	17.26	17.33	18.60
15	64QAM	36	0	17.25	17.16	17.45	17.26	17.26	18.60
15	64QAM	36	20	17.09	17.14	17.28	17.09	17.08	18.60
15	64QAM	36	39	17.09	17.29	17.36	17.23	17.08	18.60
15	64QAM	75	0	17.18	17.06	17.22	17.06	17.03	18.60
15	256QAM	1	0	17.18	17.30	17.43	17.31	17.16	18.60
15	256QAM	1	37	17.04	17.09	17.26	17.22	17.16	18.60
15	256QAM	1	74	17.24	17.24	17.34	17.16	17.14	18.60
15	256QAM	36	0	17.20	17.20	17.36	17.24	17.13	18.60
15	256QAM	36	20	17.27	17.26	17.40	17.23	17.20	18.60
15	256QAM	36	39	17.27	17.10	17.27	17.23	17.20	18.60
15	256QAM	75	0	17.22	17.26	17.38	17.17	17.07	18.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.50	17.53	17.51	17.48	17.37	18.60
10	QPSK	1	25	17.04	17.00	17.32	17.14	17.07	18.60
10	QPSK	1	49	17.30	17.36	17.41	17.21	17.23	18.60
10	QPSK	25	0	17.38	17.35	17.45	17.39	17.37	18.60
10	QPSK	25	12	17.17	17.08	17.25	17.17	16.99	18.60
10	QPSK	25	25	17.05	17.17	17.22	17.19	17.17	18.60
10	QPSK	50	0	17.39	17.44	17.40	17.40	17.38	18.60
10	16QAM	1	0	17.33	17.29	17.46	17.31	17.25	18.60
10	16QAM	1	25	17.29	17.29	17.37	17.23	17.25	18.60
10	16QAM	1	49	17.13	17.12	17.29	17.05	17.12	18.60



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10	16QAM	25	0	17.19	17.16	17.39	17.25	17.13	18.60
10	16QAM	25	12	17.11	17.12	17.28	17.21	17.05	18.60
10	16QAM	25	25	17.10	17.15	17.17	17.15	17.01	18.60
10	16QAM	50	0	17.34	17.30	17.48	17.35	17.18	18.60
10	64QAM	1	0	17.11	17.15	17.30	17.27	17.12	18.60
10	64QAM	1	25	17.20	17.14	17.38	17.26	17.10	18.60
10	64QAM	1	49	17.30	17.43	17.45	17.27	17.30	18.60
10	64QAM	25	0	17.31	17.24	17.42	17.32	17.28	18.60
10	64QAM	25	12	17.05	17.15	17.18	17.10	17.02	18.60
10	64QAM	25	25	17.15	17.19	17.36	17.22	17.00	18.60
10	64QAM	50	0	17.14	17.05	17.27	17.14	16.99	18.60
10	256QAM	1	0	17.30	17.36	17.42	17.32	17.16	18.60
10	256QAM	1	25	17.02	17.17	17.36	17.16	17.10	18.60
10	256QAM	1	49	17.25	17.20	17.40	17.20	17.05	18.60
10	256QAM	25	0	17.15	17.21	17.30	17.24	17.20	18.60
10	256QAM	25	12	17.27	17.32	17.27	17.20	17.20	18.60
10	256QAM	25	25	17.26	17.12	17.32	17.16	17.09	18.60
10	256QAM	50	0	17.33	17.18	17.33	17.29	17.14	18.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.48	17.56	17.60	17.44	17.39	18.60
5	QPSK	1	12	17.10	17.10	17.27	17.07	16.99	18.60
5	QPSK	1	24	17.38	17.36	17.38	17.29	17.25	18.60
5	QPSK	12	0	17.31	17.29	17.47	17.44	17.42	18.60
5	QPSK	12	7	17.14	17.12	17.26	17.19	17.05	18.60
5	QPSK	12	13	17.03	17.16	17.23	17.18	17.09	18.60
5	QPSK	25	0	17.30	17.38	17.45	17.33	17.31	18.60
5	16QAM	1	0	17.28	17.29	17.44	17.29	17.31	18.60
5	16QAM	1	12	17.32	17.33	17.48	17.21	17.21	18.60
5	16QAM	1	24	17.00	17.16	17.26	17.04	17.11	18.60
5	16QAM	12	0	17.21	17.22	17.31	17.21	17.06	18.60
5	16QAM	12	7	17.11	17.07	17.17	17.21	17.12	18.60
5	16QAM	12	13	17.16	17.10	17.25	17.04	17.00	18.60
5	16QAM	25	0	17.35	17.18	17.34	17.42	17.13	18.60
5	64QAM	1	0	17.05	17.18	17.34	17.21	17.05	18.60
5	64QAM	1	12	17.20	17.19	17.32	17.18	17.21	18.60
5	64QAM	1	24	17.25	17.36	17.43	17.33	17.28	18.60
5	64QAM	12	0	17.26	17.18	17.35	17.28	17.22	18.60
5	64QAM	12	7	17.09	17.18	17.24	17.15	17.12	18.60
5	64QAM	12	13	17.08	17.23	17.37	17.19	17.05	18.60
5	64QAM	25	0	17.07	17.11	17.30	17.07	17.01	18.60
5	256QAM	1	0	17.21	17.34	17.47	17.26	17.18	18.60
5	256QAM	1	12	17.07	17.13	17.35	17.25	17.16	18.60
5	256QAM	1	24	17.28	17.19	17.33	17.22	17.06	18.60
5	256QAM	12	0	17.20	17.18	17.31	17.33	17.14	18.60
5	256QAM	12	7	17.23	17.25	17.34	17.22	17.09	18.60
5	256QAM	12	13	17.19	17.11	17.37	17.17	17.09	18.60
5	256QAM	25	0	17.28	17.27	17.38	17.17	17.08	18.60

【LTE Band 41_Ant 3_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.37	23.40	23.47	23.42	23.27	24.00
20	QPSK	1	49	23.15	23.26	23.39	23.31	23.05	24.00
20	QPSK	1	99	23.06	23.21	23.29	23.18	22.98	24.00
20	QPSK	50	0	22.44	22.46	22.60	22.49	22.37	23.00
20	QPSK	50	24	22.38	22.41	22.58	22.45	22.34	23.00
20	QPSK	50	50	22.33	22.36	22.51	22.44	22.31	23.00
20	QPSK	100	0	22.29	22.41	22.52	22.35	22.26	23.00
20	16QAM	1	0	22.03	22.15	22.26	22.11	22.05	23.00
20	16QAM	1	49	21.97	21.93	22.12	21.95	21.89	23.00
20	16QAM	1	99	21.85	21.91	22.04	21.86	21.74	23.00
20	16QAM	50	0	20.90	20.94	21.10	20.99	20.85	22.00
20	16QAM	50	24	20.95	21.03	21.13	20.99	20.86	22.00
20	16QAM	50	50	20.89	20.91	21.09	21.02	20.88	22.00
20	16QAM	100	0	20.89	20.98	21.10	20.92	20.83	22.00
20	64QAM	1	0	21.05	20.99	21.16	21.06	20.87	22.00
20	64QAM	1	49	21.01	21.06	21.15	21.05	20.88	22.00
20	64QAM	1	99	20.79	20.76	20.96	20.88	20.69	22.00
20	64QAM	50	0	19.88	19.95	20.08	19.95	19.84	21.00
20	64QAM	50	24	19.93	19.99	20.14	20.05	19.84	21.00



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20	64QAM	50	50	19.93	19.82	20.03	19.97	19.72	21.00
20	64QAM	100	0	19.98	19.89	20.09	19.98	19.91	21.00
20	256QAM	1	0	17.93	17.83	18.02	17.86	17.85	19.00
20	256QAM	1	49	17.89	17.96	18.06	17.99	17.77	19.00
20	256QAM	1	99	17.74	17.69	17.88	17.80	17.62	19.00
20	256QAM	50	0	17.93	17.97	18.05	17.97	17.82	19.00
20	256QAM	50	24	17.93	17.92	18.12	18.06	17.95	19.00
20	256QAM	50	50	17.95	17.93	18.07	18.02	17.85	19.00
20	256QAM	100	0	17.85	17.95	18.07	17.94	17.85	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	23.24	23.28	23.39	23.28	23.24	24.00
15	QPSK	1	37	23.02	23.17	23.27	23.20	22.95	24.00
15	QPSK	1	74	23.00	23.18	23.16	23.09	22.87	24.00
15	QPSK	36	0	22.33	22.37	22.56	22.45	22.36	23.00
15	QPSK	36	20	22.34	22.38	22.54	22.39	22.21	23.00
15	QPSK	36	39	22.31	22.34	22.36	22.33	22.21	23.00
15	QPSK	75	0	22.14	22.30	22.47	22.29	22.22	23.00
15	16QAM	1	0	21.96	22.07	22.11	22.08	21.98	23.00
15	16QAM	1	37	21.83	21.84	22.06	21.86	21.80	23.00
15	16QAM	1	74	21.71	21.89	21.96	21.84	21.71	23.00
15	16QAM	36	0	20.77	20.85	21.03	20.89	20.84	22.00
15	16QAM	36	20	20.86	20.92	21.11	20.91	20.78	22.00
15	16QAM	36	39	20.85	20.80	21.07	20.97	20.76	22.00
15	16QAM	75	0	20.80	20.85	20.98	20.82	20.78	22.00
15	64QAM	1	0	21.00	20.86	21.06	21.04	20.75	22.00
15	64QAM	1	37	20.92	20.97	21.01	20.94	20.78	22.00
15	64QAM	1	74	20.72	20.63	20.89	20.80	20.59	22.00
15	64QAM	36	0	19.74	19.85	20.06	19.84	19.78	21.00
15	64QAM	36	20	19.80	19.85	20.08	20.04	19.76	21.00
15	64QAM	36	39	19.88	19.73	20.00	19.84	19.58	21.00
15	64QAM	75	0	19.95	19.81	20.05	19.85	19.80	21.00
15	256QAM	1	0	17.88	17.71	17.99	17.77	17.84	19.00
15	256QAM	1	37	17.86	17.83	17.95	17.93	17.67	19.00
15	256QAM	1	74	17.63	17.63	17.87	17.72	17.55	19.00
15	256QAM	36	0	17.84	17.83	17.96	17.91	17.78	19.00
15	256QAM	36	20	17.81	17.78	18.07	17.93	17.92	19.00
15	256QAM	36	39	17.83	17.82	17.96	17.96	17.77	19.00
15	256QAM	75	0	17.72	17.92	17.99	17.81	17.71	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.33	23.29	23.33	23.36	23.15	24.00
10	QPSK	1	25	23.14	23.24	23.24	23.23	22.99	24.00
10	QPSK	1	49	22.92	23.18	23.15	23.14	22.91	24.00
10	QPSK	25	0	22.39	22.27	22.57	22.43	22.23	23.00
10	QPSK	25	12	22.24	22.39	22.54	22.42	22.27	23.00
10	QPSK	25	25	22.27	22.27	22.40	22.36	22.24	23.00
10	QPSK	50	0	22.19	22.28	22.50	22.26	22.12	23.00
10	16QAM	1	0	21.88	22.04	22.19	22.00	22.03	23.00
10	16QAM	1	25	21.83	21.83	21.98	21.84	21.78	23.00
10	16QAM	1	49	21.82	21.80	21.96	21.81	21.60	23.00
10	16QAM	25	0	20.86	20.82	21.02	20.91	20.80	22.00
10	16QAM	25	12	20.89	20.97	21.04	20.93	20.79	22.00
10	16QAM	25	25	20.87	20.88	21.00	20.96	20.77	22.00
10	16QAM	50	0	20.83	20.84	20.98	20.89	20.73	22.00
10	64QAM	1	0	20.97	20.92	21.13	20.96	20.83	22.00
10	64QAM	1	25	21.00	20.94	21.01	20.96	20.78	22.00
10	64QAM	1	49	20.66	20.62	20.88	20.74	20.67	22.00
10	64QAM	25	0	19.76	19.92	20.02	19.80	19.79	21.00
10	64QAM	25	12	19.90	19.91	20.00	19.94	19.72	21.00
10	64QAM	25	25	19.82	19.73	19.91	19.85	19.70	21.00
10	64QAM	50	0	19.91	19.76	20.03	19.96	19.80	21.00
10	256QAM	1	0	17.80	17.74	17.94	17.78	17.73	19.00
10	256QAM	1	25	17.77	17.92	17.94	17.97	17.70	19.00
10	256QAM	1	49	17.63	17.67	17.75	17.75	17.47	19.00
10	256QAM	25	0	17.79	17.88	17.95	17.85	17.74	19.00
10	256QAM	25	12	17.84	17.86	18.02	18.03	17.90	19.00
10	256QAM	25	25	17.89	17.88	18.00	17.94	17.72	19.00
10	256QAM	50	0	17.71	17.82	18.06	17.93	17.76	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	23.29	23.26	23.39	23.34	23.24	24.00
5	QPSK	1	12	23.03	23.20	23.37	23.23	23.03	24.00
5	QPSK	1	24	23.00	23.08	23.23	23.14	22.95	24.00
5	QPSK	12	0	22.42	22.30	22.50	22.36	22.23	23.00
5	QPSK	12	7	22.24	22.33	22.48	22.41	22.28	23.00
5	QPSK	12	13	22.23	22.25	22.48	22.30	22.27	23.00
5	QPSK	25	0	22.15	22.35	22.39	22.33	22.22	23.00



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5	16QAM	1	0	21.92	22.05	22.19	22.07	21.94	23.00
5	16QAM	1	12	21.91	21.80	22.09	21.81	21.81	23.00
5	16QAM	1	24	21.80	21.88	22.02	21.83	21.65	23.00
5	16QAM	12	0	20.87	20.82	21.03	20.85	20.71	22.00
5	16QAM	12	7	20.89	20.93	21.00	20.95	20.79	22.00
5	16QAM	12	13	20.80	20.83	21.04	20.95	20.82	22.00
5	16QAM	25	0	20.79	20.85	20.98	20.88	20.81	22.00
5	64QAM	1	0	21.00	20.93	21.11	20.98	20.82	22.00
5	64QAM	1	12	20.99	21.00	21.01	21.01	20.74	22.00
5	64QAM	1	24	20.71	20.74	20.84	20.81	20.56	22.00
5	64QAM	12	0	19.74	19.93	19.96	19.83	19.83	21.00
5	64QAM	12	7	19.78	19.92	20.05	19.94	19.81	21.00
5	64QAM	12	13	19.89	19.74	19.89	19.85	19.70	21.00
5	64QAM	25	0	19.97	19.74	20.00	19.89	19.84	21.00
5	256QAM	1	0	17.83	17.81	17.88	17.81	17.74	19.00
5	256QAM	1	12	17.84	17.88	17.98	17.87	17.65	19.00
5	256QAM	1	24	17.65	17.68	17.85	17.66	17.57	19.00
5	256QAM	12	0	17.90	17.82	17.99	17.86	17.70	19.00
5	256QAM	12	7	17.88	17.89	18.10	17.92	17.89	19.00
5	256QAM	12	13	17.81	17.86	18.06	17.90	17.80	19.00
5	256QAM	25	0	17.70	17.81	17.97	17.83	17.72	19.00

【LTE Band 41_HPUE_Ant 3_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	26.15	26.17	26.33	26.09	26.02	27.00
20	QPSK	1	49	26.07	26.09	26.30	25.97	25.92	27.00
20	QPSK	1	99	25.76	25.81	26.01	25.64	25.62	27.00
20	QPSK	50	0	25.20	25.16	25.39	25.14	24.95	26.00
20	QPSK	50	24	25.14	25.11	25.31	25.09	24.91	26.00
20	QPSK	50	50	25.03	25.10	25.35	25.04	24.94	26.00
20	QPSK	100	0	25.03	25.13	25.32	24.95	25.00	26.00
20	16QAM	1	0	25.33	25.26	25.53	25.17	25.15	26.00
20	16QAM	1	49	25.37	25.32	25.56	25.23	25.16	26.00
20	16QAM	1	99	25.04	25.14	25.36	25.10	24.92	26.00
20	16QAM	50	0	24.10	24.14	24.31	24.02	23.96	25.00
20	16QAM	50	24	24.20	24.18	24.39	24.02	23.98	25.00
20	16QAM	50	50	24.14	24.08	24.34	24.05	23.93	25.00
20	16QAM	100	0	24.17	24.09	24.36	24.01	24.01	25.00
20	64QAM	1	0	24.34	24.38	24.56	24.22	24.16	25.00
20	64QAM	1	49	24.39	24.34	24.63	24.31	24.26	25.00
20	64QAM	1	99	24.22	24.22	24.40	24.05	24.03	25.00
20	64QAM	50	0	23.07	23.10	23.29	22.96	22.99	24.00
20	64QAM	50	24	23.09	23.09	23.37	23.10	22.95	24.00
20	64QAM	50	50	23.17	23.10	23.35	23.03	22.95	24.00
20	64QAM	100	0	23.04	23.18	23.34	23.04	23.05	24.00
20	256QAM	1	0	21.25	21.25	21.45	21.18	21.15	22.00
20	256QAM	1	49	21.34	21.36	21.56	21.27	21.28	22.00
20	256QAM	1	99	21.08	21.13	21.34	21.06	21.02	22.00
20	256QAM	50	0	21.10	21.14	21.31	21.05	20.98	22.00
20	256QAM	50	24	21.14	21.15	21.37	21.06	21.00	22.00
20	256QAM	50	50	21.06	21.13	21.29	21.00	20.93	22.00
20	256QAM	100	0	21.15	21.08	21.32	21.11	20.92	22.00
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	26.07	26.08	26.21	25.96	25.91	27.00
15	QPSK	1	37	26.04	25.94	26.22	25.92	25.83	27.00
15	QPSK	1	74	25.68	25.79	25.97	25.56	25.49	27.00
15	QPSK	36	0	24.97	25.07	25.29	25.02	24.80	26.00
15	QPSK	36	20	25.11	25.08	25.28	25.12	24.91	26.00
15	QPSK	36	39	24.98	25.05	25.33	25.01	24.89	26.00
15	QPSK	75	0	24.97	25.08	25.21	24.80	24.93	26.00
15	16QAM	1	0	25.25	25.23	25.40	25.15	25.09	26.00
15	16QAM	1	37	25.30	25.28	25.47	25.10	25.06	26.00
15	16QAM	1	74	24.92	25.07	25.25	25.04	24.87	26.00
15	16QAM	36	0	23.96	24.10	24.22	23.92	23.82	25.00
15	16QAM	36	20	24.15	24.11	24.29	23.95	23.83	25.00
15	16QAM	36	39	24.07	23.94	24.32	23.91	23.79	25.00
15	16QAM	75	0	24.08	24.00	24.25	23.94	23.91	25.00
15	64QAM	1	0	24.25	24.26	24.53	24.18	24.12	25.00
15	64QAM	1	37	24.30	24.32	24.56	24.16	24.17	25.00



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15	64QAM	1	74	24.13	24.10	24.37	23.96	23.95	25.00
15	64QAM	36	0	22.93	23.03	23.26	22.94	22.87	24.00
15	64QAM	36	20	22.95	23.04	23.26	23.05	22.85	24.00
15	64QAM	36	39	23.03	23.00	23.30	22.98	22.81	24.00
15	64QAM	75	0	22.93	23.12	23.23	22.91	22.94	24.00
15	256QAM	1	0	21.10	21.21	21.38	21.15	21.10	22.00
15	256QAM	1	37	21.32	21.26	21.43	21.21	21.22	22.00
15	256QAM	1	74	21.06	21.02	21.21	20.96	20.93	22.00
15	256QAM	36	0	20.96	21.09	21.19	20.91	20.87	22.00
15	256QAM	36	20	21.12	21.12	21.35	20.91	20.86	22.00
15	256QAM	36	39	21.03	21.12	21.16	20.92	20.87	22.00
15	256QAM	75	0	21.12	21.05	21.26	20.96	20.90	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.13	26.14	26.28	25.97	25.90	27.00
10	QPSK	1	25	25.98	26.06	26.21	25.90	25.79	27.00
10	QPSK	1	49	25.74	25.66	25.90	25.57	25.53	27.00
10	QPSK	25	0	24.96	25.00	25.18	24.96	24.82	26.00
10	QPSK	25	12	25.15	25.11	25.33	25.08	24.86	26.00
10	QPSK	25	25	24.92	24.97	25.29	25.01	24.84	26.00
10	QPSK	50	0	24.89	25.01	25.28	24.82	24.93	26.00
10	16QAM	1	0	25.29	25.25	25.49	25.09	25.02	26.00
10	16QAM	1	25	25.32	25.28	25.52	25.13	25.10	26.00
10	16QAM	1	49	25.00	25.11	25.35	25.00	24.89	26.00
10	16QAM	25	0	24.03	24.11	24.17	23.90	23.94	25.00
10	16QAM	25	12	24.12	24.13	24.35	23.94	23.84	25.00
10	16QAM	25	25	24.09	24.02	24.20	23.92	23.89	25.00
10	16QAM	50	0	24.08	23.97	24.32	23.96	24.00	25.00
10	64QAM	1	0	24.19	24.28	24.43	24.15	24.13	25.00
10	64QAM	1	25	24.35	24.30	24.53	24.23	24.18	25.00
10	64QAM	1	49	24.07	24.18	24.36	24.03	23.99	25.00
10	64QAM	25	0	22.94	23.06	23.20	22.90	22.93	24.00
10	64QAM	25	12	23.00	23.04	23.29	23.02	22.88	24.00
10	64QAM	25	25	23.10	22.99	23.27	22.98	22.91	24.00
10	64QAM	50	0	22.99	23.14	23.31	23.02	22.91	24.00
10	256QAM	1	0	21.14	21.10	21.39	21.09	21.09	22.00
10	256QAM	1	25	21.28	21.28	21.46	21.24	21.13	22.00
10	256QAM	1	49	21.00	21.05	21.28	20.98	20.87	22.00
10	256QAM	25	0	21.00	20.99	21.20	20.94	20.96	22.00
10	256QAM	25	12	21.10	21.13	21.33	21.03	20.98	22.00
10	256QAM	25	25	20.92	21.10	21.27	20.85	20.86	22.00
10	256QAM	50	0	21.10	20.98	21.21	21.04	20.81	22.00
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	26.09	26.03	26.26	25.96	25.93	27.00
5	QPSK	1	12	26.03	26.08	26.25	25.92	25.85	27.00
5	QPSK	1	24	25.75	25.67	26.00	25.52	25.56	27.00
5	QPSK	12	0	24.87	25.00	25.29	25.00	24.92	26.00
5	QPSK	12	7	25.11	25.12	25.27	25.12	24.86	26.00
5	QPSK	12	13	24.91	25.06	25.32	24.96	24.82	26.00
5	QPSK	25	0	25.01	25.08	25.23	24.80	24.92	26.00
5	16QAM	1	0	25.31	25.25	25.48	25.08	25.09	26.00
5	16QAM	1	12	25.33	25.23	25.42	25.14	25.04	26.00
5	16QAM	1	24	24.91	25.08	25.27	25.01	24.78	26.00
5	16QAM	12	0	24.06	24.13	24.20	23.99	23.84	25.00
5	16QAM	12	7	24.06	24.08	24.34	23.99	23.89	25.00
5	16QAM	12	13	24.00	23.97	24.30	23.92	23.86	25.00
5	16QAM	25	0	24.04	24.01	24.33	24.00	23.91	25.00
5	64QAM	1	0	24.21	24.34	24.51	24.09	24.08	25.00
5	64QAM	1	12	24.30	24.27	24.56	24.29	24.23	25.00
5	64QAM	1	24	24.13	24.13	24.31	23.94	23.88	25.00
5	64QAM	12	0	22.93	23.06	23.17	22.88	22.91	24.00
5	64QAM	12	7	22.95	23.03	23.33	23.07	22.91	24.00
5	64QAM	12	13	23.07	23.04	23.21	22.91	22.87	24.00
5	64QAM	25	0	22.95	23.15	23.24	22.99	22.93	24.00
5	256QAM	1	0	21.11	21.18	21.36	21.10	21.01	22.00
5	256QAM	1	12	21.24	21.28	21.46	21.25	21.14	22.00
5	256QAM	1	24	21.06	21.10	21.21	21.02	20.99	22.00
5	256QAM	12	0	21.09	21.10	21.27	20.96	20.84	22.00
5	256QAM	12	7	21.04	21.06	21.29	20.91	20.90	22.00
5	256QAM	12	13	20.93	20.99	21.19	20.87	20.80	22.00
5	256QAM	25	0	21.04	20.95	21.20	21.08	20.91	22.00



【LTE Band 41_HPUE_Ant 3_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	20.20
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.45	19.44	19.46	19.38	19.39	20.20
20	QPSK	1	49	19.21	19.23	19.32	19.10	19.17	20.20
20	QPSK	1	99	19.34	19.30	19.38	19.29	19.28	20.20
20	QPSK	50	0	19.36	19.33	19.37	19.34	19.33	20.20
20	QPSK	50	24	19.09	19.17	19.24	19.02	19.08	20.20
20	QPSK	50	50	19.23	19.26	19.32	19.15	19.22	20.20
20	QPSK	100	0	19.28	19.29	19.32	19.26	19.22	20.20
20	16QAM	1	0	19.19	19.21	19.25	19.02	19.12	20.20
20	16QAM	1	49	19.18	19.17	19.24	19.15	19.12	20.20
20	16QAM	1	99	19.13	19.12	19.21	19.04	19.10	20.20
20	16QAM	50	0	19.23	19.22	19.36	19.19	19.27	20.20
20	16QAM	50	24	19.11	19.18	19.22	19.05	19.09	20.20
20	16QAM	50	50	19.10	19.07	19.21	19.05	19.05	20.20
20	16QAM	100	0	19.27	19.19	19.34	19.24	19.16	20.20
20	64QAM	1	0	19.26	19.20	19.30	19.12	19.15	20.20
20	64QAM	1	49	19.10	19.10	19.18	19.09	19.09	20.20
20	64QAM	1	99	19.19	19.21	19.29	19.07	19.13	20.20
20	64QAM	50	0	19.32	19.30	19.38	19.20	19.18	20.20
20	64QAM	50	24	19.03	19.10	19.15	19.00	19.01	20.20
20	64QAM	50	50	19.25	19.19	19.33	19.24	19.15	20.20
20	64QAM	100	0	19.07	19.05	19.21	18.99	19.03	20.20
20	256QAM	1	0	19.23	19.15	19.29	19.18	19.09	20.20
20	256QAM	1	49	19.27	19.22	19.34	19.19	19.19	20.20
20	256QAM	1	99	19.30	19.32	19.36	19.25	19.17	20.20
20	256QAM	50	0	19.22	19.22	19.27	19.13	19.15	20.20
20	256QAM	50	24	19.11	19.15	19.19	19.04	19.07	20.20
20	256QAM	50	50	19.17	19.06	19.22	19.02	19.10	20.20
20	256QAM	100	0	19.13	19.07	19.20	19.01	19.06	20.20
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.36	19.31	19.44	19.29	19.26	20.20
15	QPSK	1	37	19.19	19.15	19.21	18.99	19.15	20.20
15	QPSK	1	74	19.21	19.17	19.26	19.22	19.21	20.20
15	QPSK	36	0	19.26	19.27	19.27	19.22	19.19	20.20
15	QPSK	36	20	18.96	19.08	19.23	18.89	19.03	20.20
15	QPSK	36	39	19.15	19.12	19.29	19.05	19.13	20.20
15	QPSK	75	0	19.15	19.19	19.26	19.15	19.18	20.20
15	16QAM	1	0	19.05	19.15	19.20	18.88	19.04	20.20
15	16QAM	1	37	19.08	19.03	19.15	19.03	19.09	20.20
15	16QAM	1	74	19.00	19.04	19.13	18.98	19.00	20.20
15	16QAM	36	0	19.14	19.08	19.31	19.10	19.22	20.20
15	16QAM	36	20	19.08	19.09	19.19	18.91	19.01	20.20
15	16QAM	36	39	18.97	19.01	19.11	18.96	19.04	20.20
15	16QAM	75	0	19.20	19.05	19.25	19.21	19.07	20.20
15	64QAM	1	0	19.11	19.14	19.23	18.98	19.06	20.20
15	64QAM	1	37	19.07	19.08	19.10	19.03	19.04	20.20
15	64QAM	1	74	19.14	19.08	19.25	18.99	19.11	20.20
15	64QAM	36	0	19.18	19.28	19.31	19.19	19.08	20.20
15	64QAM	36	20	18.92	18.99	19.14	18.89	18.94	20.20
15	64QAM	36	39	19.20	19.18	19.25	19.15	19.01	20.20
15	64QAM	75	0	19.02	18.93	19.07	18.96	18.90	20.20
15	256QAM	1	0	19.11	19.07	19.20	19.16	18.98	20.20
15	256QAM	1	37	19.19	19.09	19.31	19.14	19.07	20.20
15	256QAM	1	74	19.24	19.28	19.30	19.21	19.11	20.20
15	256QAM	36	0	19.16	19.18	19.21	19.05	19.03	20.20
15	256QAM	36	20	19.04	19.09	19.09	18.91	18.99	20.20
15	256QAM	36	39	19.09	18.92	19.09	18.87	19.05	20.20
15	256QAM	75	0	19.00	18.96	19.16	18.89	18.94	20.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.38	19.32	19.36	19.26	19.38	20.20
10	QPSK	1	25	19.09	19.20	19.23	19.06	19.02	20.20
10	QPSK	1	49	19.33	19.15	19.32	19.26	19.15	20.20
10	QPSK	25	0	19.25	19.25	19.32	19.30	19.32	20.20
10	QPSK	25	12	19.03	19.10	19.14	18.90	19.00	20.20
10	QPSK	25	25	19.17	19.25	19.18	19.05	19.10	20.20
10	QPSK	50	0	19.14	19.27	19.23	19.23	19.09	20.20
10	16QAM	1	0	19.12	19.18	19.17	18.99	19.09	20.20
10	16QAM	1	25	19.05	19.16	19.10	19.03	19.01	20.20
10	16QAM	1	49	18.99	18.99	19.16	18.90	19.00	20.20



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10	16QAM	25	0	19.13	19.11	19.29	19.13	19.15	20.20
10	16QAM	25	12	19.03	19.09	19.10	18.91	19.03	20.20
10	16QAM	25	25	19.09	18.98	19.16	18.91	18.94	20.20
10	16QAM	50	0	19.22	19.07	19.28	19.17	19.07	20.20
10	64QAM	1	0	19.11	19.14	19.26	19.07	19.01	20.20
10	64QAM	1	25	19.08	19.06	19.08	19.01	18.94	20.20
10	64QAM	1	49	19.09	19.18	19.25	18.93	19.00	20.20
10	64QAM	25	0	19.21	19.23	19.32	19.09	19.06	20.20
10	64QAM	25	12	18.94	19.00	19.01	18.87	18.99	20.20
10	64QAM	25	25	19.13	19.08	19.19	19.20	19.01	20.20
10	64QAM	50	0	19.00	19.03	19.11	18.85	18.91	20.20
10	256QAM	1	0	19.19	19.03	19.22	19.13	19.08	20.20
10	256QAM	1	25	19.24	19.13	19.32	19.06	19.07	20.20
10	256QAM	1	49	19.27	19.28	19.30	19.12	19.03	20.20
10	256QAM	25	0	19.13	19.16	19.13	19.07	19.01	20.20
10	256QAM	25	12	19.00	19.06	19.05	19.01	19.04	20.20
10	256QAM	25	25	19.05	19.00	19.12	19.00	18.96	20.20
10	256QAM	50	0	19.11	18.95	19.16	18.96	19.00	20.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.39	19.38	19.39	19.34	19.28	20.20
5	QPSK	1	12	19.08	19.08	19.21	18.98	19.08	20.20
5	QPSK	1	24	19.30	19.20	19.28	19.16	19.26	20.20
5	QPSK	12	0	19.25	19.26	19.36	19.22	19.28	20.20
5	QPSK	12	7	19.04	19.06	19.09	19.01	19.06	20.20
5	QPSK	12	13	19.21	19.21	19.23	19.10	19.13	20.20
5	QPSK	25	0	19.23	19.27	19.24	19.21	19.20	20.20
5	16QAM	1	0	19.05	19.18	19.18	18.90	19.06	20.20
5	16QAM	1	12	19.06	19.03	19.14	19.06	19.10	20.20
5	16QAM	1	24	19.03	18.98	19.10	18.99	19.09	20.20
5	16QAM	12	0	19.19	19.10	19.32	19.05	19.23	20.20
5	16QAM	12	7	19.00	19.16	19.16	18.97	19.00	20.20
5	16QAM	12	13	19.09	18.94	19.20	18.96	18.91	20.20
5	16QAM	25	0	19.15	19.15	19.32	19.22	19.04	20.20
5	64QAM	1	0	19.15	19.16	19.28	19.02	19.10	20.20
5	64QAM	1	12	19.00	19.02	19.05	19.02	18.99	20.20
5	64QAM	1	24	19.04	19.18	19.28	18.97	19.01	20.20
5	64QAM	12	0	19.28	19.15	19.31	19.16	19.13	20.20
5	64QAM	12	7	18.94	18.96	19.06	18.88	18.88	20.20
5	64QAM	12	13	19.12	19.14	19.24	19.17	19.06	20.20
5	64QAM	25	0	19.06	19.00	19.19	18.84	18.94	20.20
5	256QAM	1	0	19.18	19.13	19.15	19.08	19.01	20.20
5	256QAM	1	12	19.24	19.19	19.28	19.04	19.10	20.20
5	256QAM	1	24	19.27	19.25	19.29	19.13	19.09	20.20
5	256QAM	12	0	19.10	19.10	19.13	19.02	19.00	20.20
5	256QAM	12	7	18.96	19.07	19.18	19.01	19.06	20.20
5	256QAM	12	13	19.12	18.97	19.13	18.90	19.08	20.20
5	256QAM	25	0	19.03	18.94	19.10	18.96	19.02	20.20

【LTE Band 41_HPUE_Ant 3_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.36	20.38	20.42	20.33	20.37	21.90
20	QPSK	1	49	19.93	19.98	20.13	20.03	19.99	21.90
20	QPSK	1	99	20.15	20.04	20.23	20.12	20.13	21.90
20	QPSK	50	0	20.23	20.24	20.25	20.19	20.15	21.90
20	QPSK	50	24	20.02	20.10	20.21	19.98	20.04	21.90
20	QPSK	50	50	20.00	20.00	20.18	20.08	20.07	21.90
20	QPSK	100	0	20.17	20.21	20.30	20.13	20.19	21.90
20	16QAM	1	0	20.01	20.05	20.14	20.03	19.95	21.90
20	16QAM	1	49	20.08	20.01	20.17	19.94	20.00	21.90
20	16QAM	1	99	20.15	20.18	20.26	20.15	20.07	21.90
20	16QAM	50	0	20.11	20.22	20.28	20.16	20.13	21.90
20	16QAM	50	24	20.00	20.04	20.17	20.01	20.04	21.90
20	16QAM	50	50	20.11	20.13	20.27	20.16	20.18	21.90
20	16QAM	100	0	20.10	20.07	20.18	20.04	19.99	21.90
20	64QAM	1	0	20.03	20.07	20.14	19.98	19.97	21.90
20	64QAM	1	49	19.99	20.03	20.18	19.96	20.02	21.90
20	64QAM	1	99	19.98	20.10	20.18	20.07	19.99	21.90
20	64QAM	50	0	20.06	20.05	20.14	19.97	19.95	21.90
20	64QAM	50	24	20.06	20.02	20.19	19.97	20.12	21.90



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20	64QAM	50	50	20.10	20.04	20.17	19.97	20.01	21.90
20	64QAM	100	0	20.09	20.13	20.26	20.08	20.14	21.90
20	256QAM	1	0	20.09	20.10	20.26	20.07	20.09	20.60
20	256QAM	1	49	20.16	20.22	20.30	20.20	20.15	20.60
20	256QAM	1	99	20.00	20.09	20.21	19.99	20.07	20.60
20	256QAM	50	0	19.99	20.05	20.13	20.02	20.07	20.60
20	256QAM	50	24	20.04	20.09	20.20	20.03	20.05	20.60
20	256QAM	50	50	20.05	20.08	20.16	20.06	20.07	20.60
20	256QAM	100	0	20.05	20.08	20.25	20.06	20.18	20.60
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.25	20.37	20.27	20.32	20.27	21.90
15	QPSK	1	37	19.90	19.91	20.11	19.90	19.90	21.90
15	QPSK	1	74	20.12	20.02	20.22	20.09	19.98	21.90
15	QPSK	36	0	20.13	20.13	20.16	20.18	20.12	21.90
15	QPSK	36	20	19.90	20.00	20.15	19.90	19.99	21.90
15	QPSK	36	39	19.91	19.90	20.07	20.00	19.95	21.90
15	QPSK	75	0	20.12	20.20	20.17	20.05	20.13	21.90
15	16QAM	1	0	19.90	20.02	20.03	19.93	19.90	21.90
15	16QAM	1	37	19.97	19.97	20.15	19.90	19.95	21.90
15	16QAM	1	74	20.01	20.04	20.21	20.01	20.05	21.90
15	16QAM	36	0	20.03	20.09	20.18	20.01	20.04	21.90
15	16QAM	36	20	19.96	19.93	20.16	19.97	19.91	21.90
15	16QAM	36	39	20.04	20.07	20.15	20.10	20.05	21.90
15	16QAM	75	0	20.05	20.03	20.15	19.94	19.92	21.90
15	64QAM	1	0	19.92	19.92	20.06	19.90	19.90	21.90
15	64QAM	1	37	19.96	19.96	20.13	19.92	19.91	21.90
15	64QAM	1	74	19.93	20.04	20.09	19.95	19.96	21.90
15	64QAM	36	0	19.91	20.00	20.02	19.90	19.91	21.90
15	64QAM	36	20	20.02	20.00	20.15	19.91	20.07	21.90
15	64QAM	36	39	20.07	19.90	20.08	19.93	19.91	21.90
15	64QAM	75	0	20.01	20.00	20.20	20.04	20.03	21.90
15	256QAM	1	0	19.96	19.96	20.13	20.04	19.99	20.60
15	256QAM	1	37	20.06	20.17	20.19	20.13	20.14	20.60
15	256QAM	1	74	19.90	20.01	20.15	19.92	19.97	20.60
15	256QAM	36	0	19.94	20.04	20.02	19.91	19.97	20.60
15	256QAM	36	20	19.99	20.08	20.07	19.95	19.96	20.60
15	256QAM	36	39	20.00	20.06	20.10	19.96	19.97	20.60
15	256QAM	75	0	19.97	19.96	20.12	19.99	20.04	20.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.34	20.36	20.33	20.23	20.30	21.90
10	QPSK	1	25	19.92	19.92	19.99	19.91	19.91	21.90
10	QPSK	1	49	20.03	19.96	20.08	20.02	19.98	21.90
10	QPSK	25	0	20.11	20.14	20.13	20.09	20.05	21.90
10	QPSK	25	12	19.90	19.96	20.11	19.91	19.99	21.90
10	QPSK	25	25	19.93	19.92	20.09	19.96	20.00	21.90
10	QPSK	50	0	20.14	20.12	20.16	20.01	20.08	21.90
10	16QAM	1	0	19.92	19.93	20.02	19.92	19.90	21.90
10	16QAM	1	25	20.00	19.94	20.03	19.91	19.94	21.90
10	16QAM	1	49	20.03	20.10	20.25	20.03	20.03	21.90
10	16QAM	25	0	20.10	20.08	20.26	20.14	20.06	21.90
10	16QAM	25	12	19.93	20.03	20.10	19.90	19.91	21.90
10	16QAM	25	25	19.99	19.99	20.12	20.11	20.10	21.90
10	16QAM	50	0	19.98	20.05	20.13	19.99	19.90	21.90
10	64QAM	1	0	19.96	20.03	20.02	19.95	19.96	21.90
10	64QAM	1	25	19.90	19.96	20.10	19.90	19.90	21.90
10	64QAM	1	49	19.90	20.03	20.11	19.92	19.90	21.90
10	64QAM	25	0	20.05	19.99	20.10	19.94	19.90	21.90
10	64QAM	25	12	20.00	19.93	20.13	19.92	20.05	21.90
10	64QAM	25	25	20.00	19.90	20.09	19.90	19.91	21.90
10	64QAM	50	0	20.03	20.12	20.11	20.00	20.12	21.90
10	256QAM	1	0	19.98	20.07	20.21	20.04	20.06	20.60
10	256QAM	1	25	20.12	20.14	20.17	20.15	20.04	20.60
10	256QAM	1	49	19.92	20.01	20.18	19.96	20.03	20.60
10	256QAM	25	0	19.90	19.98	20.11	19.96	19.97	20.60
10	256QAM	25	12	20.03	20.04	20.07	19.90	20.01	20.60
10	256QAM	25	25	19.99	20.05	20.10	20.03	20.02	20.60
10	256QAM	50	0	19.90	19.95	20.15	20.04	20.11	20.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.30	20.30	20.32	20.22	20.26	21.90
5	QPSK	1	12	19.91	19.91	20.08	20.00	19.91	21.90
5	QPSK	1	24	20.05	19.98	20.13	20.07	20.08	21.90
5	QPSK	12	0	20.18	20.11	20.18	20.06	20.08	21.90
5	QPSK	12	7	20.01	20.04	20.11	19.90	19.94	21.90
5	QPSK	12	13	19.97	19.92	20.09	20.04	19.98	21.90
5	QPSK	25	0	20.07	20.20	20.18	20.09	20.17	21.90



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5	16QAM	1	0	19.94	19.91	20.03	19.90	19.90	21.90
5	16QAM	1	12	20.04	19.92	20.04	19.90	19.90	21.90
5	16QAM	1	24	20.07	20.08	20.23	20.08	19.93	21.90
5	16QAM	12	0	19.99	20.13	20.21	20.10	19.99	21.90
5	16QAM	12	7	19.98	19.93	20.12	19.90	19.91	21.90
5	16QAM	12	13	20.08	20.07	20.18	20.03	20.08	21.90
5	16QAM	25	0	20.04	19.95	20.08	20.02	19.93	21.90
5	64QAM	1	0	19.91	20.01	20.08	19.90	19.90	21.90
5	64QAM	1	12	19.90	19.99	20.17	19.92	19.91	21.90
5	64QAM	1	24	19.96	19.95	20.11	19.96	19.98	21.90
5	64QAM	12	0	19.96	19.95	20.03	19.92	19.91	21.90
5	64QAM	12	7	20.03	19.94	20.09	19.91	19.99	21.90
5	64QAM	12	13	20.08	19.97	20.11	19.90	19.92	21.90
5	64QAM	25	0	20.06	20.02	20.14	19.99	19.99	21.90
5	256QAM	1	0	20.07	20.06	20.15	19.93	20.08	20.60
5	256QAM	1	12	20.04	20.12	20.28	20.10	20.05	20.60
5	256QAM	1	24	19.90	20.05	20.17	19.98	20.01	20.60
5	256QAM	12	0	19.98	19.97	20.02	20.00	20.03	20.60
5	256QAM	12	7	20.00	19.96	20.18	19.91	19.99	20.60
5	256QAM	12	13	20.02	20.05	20.08	20.00	20.06	20.60
5	256QAM	25	0	19.96	20.05	20.14	19.93	20.15	20.60

【LTE Band 41_HPUE_Ant 3_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.32	24.18	24.36	24.28	24.23	25.30
20	QPSK	1	49	24.03	23.86	24.12	23.89	23.97	25.30
20	QPSK	1	99	23.99	23.88	24.10	23.95	23.91	25.30
20	QPSK	50	0	24.23	24.13	24.28	24.16	24.19	25.30
20	QPSK	50	24	24.06	23.88	24.13	23.97	23.91	25.30
20	QPSK	50	50	24.16	24.03	24.25	24.03	24.02	25.30
20	QPSK	100	0	24.11	24.16	24.19	24.09	24.03	25.30
20	16QAM	1	0	23.94	23.82	24.09	23.92	23.84	25.30
20	16QAM	1	49	24.08	23.93	24.25	24.09	24.10	25.30
20	16QAM	1	99	24.00	23.95	24.19	24.01	23.96	25.30
20	16QAM	50	0	24.04	23.96	24.19	24.09	24.00	25.30
20	16QAM	50	24	24.07	23.96	24.24	24.07	23.96	25.30
20	16QAM	50	50	23.93	23.82	24.10	23.95	23.94	25.30
20	16QAM	100	0	24.11	23.90	24.17	23.96	24.00	25.30
20	64QAM	1	0	24.11	23.94	24.23	24.12	23.99	25.30
20	64QAM	1	49	23.95	23.86	24.10	23.92	23.93	25.30
20	64QAM	1	99	24.12	23.92	24.19	24.06	23.97	25.30
20	64QAM	50	0	23.02	22.86	23.09	23.00	22.88	23.80
20	64QAM	50	24	23.01	22.97	23.17	23.04	22.93	23.80
20	64QAM	50	50	23.13	22.96	23.23	23.11	23.07	23.80
20	64QAM	100	0	23.12	23.00	23.21	23.12	22.99	23.80
20	256QAM	1	0	21.01	20.89	21.08	20.94	20.94	21.80
20	256QAM	1	49	21.13	21.05	21.25	21.08	21.01	21.80
20	256QAM	1	99	21.04	20.95	21.21	21.11	21.02	21.80
20	256QAM	50	0	20.98	20.87	21.12	20.97	20.98	21.80
20	256QAM	50	24	21.02	20.97	21.20	21.01	20.95	21.80
20	256QAM	50	50	21.07	20.99	21.18	21.05	20.93	21.80
20	256QAM	100	0	20.95	20.87	21.07	20.88	20.92	21.80
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.31	24.15	24.33	24.15	24.17	25.30
15	QPSK	1	37	23.94	23.77	24.10	23.77	23.94	25.30
15	QPSK	1	74	23.88	23.84	24.02	23.83	23.79	25.30
15	QPSK	36	0	24.15	24.02	24.15	24.11	24.06	25.30
15	QPSK	36	20	24.05	23.81	24.07	23.93	23.77	25.30
15	QPSK	36	39	24.09	23.97	24.15	24.01	23.92	25.30
15	QPSK	75	0	23.99	24.12	24.08	23.94	23.89	25.30
15	16QAM	1	0	23.88	23.76	23.95	23.88	23.79	25.30
15	16QAM	1	37	23.99	23.91	24.23	24.05	24.02	25.30
15	16QAM	1	74	23.93	23.89	24.15	23.90	23.90	25.30
15	16QAM	36	0	23.93	23.94	24.12	24.00	23.95	25.30
15	16QAM	36	20	24.02	23.84	24.17	23.95	23.93	25.30
15	16QAM	36	39	23.83	23.72	23.98	23.81	23.87	25.30
15	16QAM	75	0	23.99	23.85	24.09	23.82	23.98	25.30
15	64QAM	1	0	24.00	23.80	24.17	23.99	23.85	25.30
15	64QAM	1	37	23.85	23.74	24.06	23.83	23.79	25.30



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15	64QAM	1	74	24.03	23.79	24.16	24.00	23.93	25.30
15	64QAM	36	0	22.97	22.71	23.03	22.86	22.79	23.80
15	64QAM	36	20	22.87	22.84	23.09	23.00	22.82	23.80
15	64QAM	36	39	22.99	22.83	23.19	22.99	22.95	23.80
15	64QAM	75	0	23.04	22.87	23.08	23.05	22.94	23.80
15	256QAM	1	0	20.89	20.82	21.01	20.80	20.85	21.80
15	256QAM	1	37	21.12	20.99	21.12	21.03	20.91	21.80
15	256QAM	1	74	20.92	20.86	21.11	21.03	20.88	21.80
15	256QAM	36	0	20.85	20.85	21.06	20.83	20.96	21.80
15	256QAM	36	20	20.94	20.89	21.18	20.98	20.82	21.80
15	256QAM	36	39	20.96	20.95	21.10	21.03	20.86	21.80
15	256QAM	75	0	20.80	20.83	20.96	20.73	20.78	21.80
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.22	24.16	24.22	24.21	24.19	25.30
10	QPSK	1	25	23.95	23.74	23.97	23.82	23.95	25.30
10	QPSK	1	49	23.92	23.81	24.04	23.87	23.88	25.30
10	QPSK	25	0	24.19	24.07	24.25	24.02	24.12	25.30
10	QPSK	25	12	24.00	23.73	24.00	23.92	23.82	25.30
10	QPSK	25	25	24.12	23.98	24.20	23.95	23.96	25.30
10	QPSK	50	0	24.05	24.09	24.17	24.03	23.96	25.30
10	16QAM	1	0	23.89	23.73	24.04	23.82	23.80	25.30
10	16QAM	1	25	24.06	23.92	24.21	24.06	23.99	25.30
10	16QAM	1	49	23.87	23.89	24.08	23.93	23.83	25.30
10	16QAM	25	0	23.92	23.83	24.11	24.00	23.86	25.30
10	16QAM	25	12	23.99	23.94	24.10	23.99	23.86	25.30
10	16QAM	25	25	23.88	23.79	24.04	23.85	23.80	25.30
10	16QAM	50	0	24.09	23.88	24.16	23.83	23.96	25.30
10	64QAM	1	0	24.01	23.91	24.10	24.09	23.96	25.30
10	64QAM	1	25	23.81	23.77	24.08	23.82	23.83	25.30
10	64QAM	1	49	23.99	23.81	24.10	23.95	23.90	25.30
10	64QAM	25	0	23.00	22.75	22.96	22.89	22.80	23.80
10	64QAM	25	12	22.99	22.89	23.10	22.90	22.79	23.80
10	64QAM	25	25	23.04	22.88	23.10	23.07	23.03	23.80
10	64QAM	50	0	23.05	22.86	23.14	23.01	22.93	23.80
10	256QAM	1	0	20.94	20.80	21.04	20.81	20.82	21.80
10	256QAM	1	25	21.07	20.97	21.17	21.03	20.97	21.80
10	256QAM	1	49	21.00	20.88	21.19	21.00	21.00	21.80
10	256QAM	25	0	20.83	20.78	21.10	20.84	20.86	21.80
10	256QAM	25	12	20.88	20.96	21.14	20.89	20.87	21.80
10	256QAM	25	25	20.96	20.86	21.05	20.97	20.86	21.80
10	256QAM	50	0	20.93	20.79	21.03	20.87	20.85	21.80
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.23	24.15	24.25	24.24	24.18	25.30
5	QPSK	1	12	23.95	23.74	24.10	23.84	23.86	25.30
5	QPSK	1	24	23.93	23.84	24.04	23.93	23.78	25.30
5	QPSK	12	0	24.17	24.06	24.15	24.14	24.17	25.30
5	QPSK	12	7	24.02	23.83	24.01	23.85	23.84	25.30
5	QPSK	12	13	24.10	24.02	24.23	23.89	23.88	25.30
5	QPSK	25	0	23.97	24.07	24.11	23.95	23.98	25.30
5	16QAM	1	0	23.91	23.69	23.96	23.81	23.69	25.30
5	16QAM	1	12	24.04	23.83	24.11	23.98	24.04	25.30
5	16QAM	1	24	23.94	23.94	24.12	23.92	23.92	25.30
5	16QAM	12	0	23.93	23.88	24.11	24.05	23.86	25.30
5	16QAM	12	7	23.94	23.86	24.21	23.96	23.92	25.30
5	16QAM	12	13	23.82	23.77	24.04	23.81	23.93	25.30
5	16QAM	25	0	23.98	23.82	24.12	23.94	23.86	25.30
5	64QAM	1	0	24.04	23.89	24.11	24.03	23.98	25.30
5	64QAM	1	12	23.91	23.75	24.03	23.79	23.89	25.30
5	64QAM	1	24	24.05	23.89	24.04	24.01	23.85	25.30
5	64QAM	12	0	23.00	22.82	23.03	22.90	22.78	23.80
5	64QAM	12	7	22.95	22.93	23.11	23.02	22.80	23.80
5	64QAM	12	13	22.99	22.85	23.14	22.97	22.94	23.80
5	64QAM	25	0	23.08	22.99	23.15	22.98	22.98	23.80
5	256QAM	1	0	20.98	20.81	20.94	20.85	20.80	21.80
5	256QAM	1	12	21.08	21.04	21.16	20.98	20.90	21.80
5	256QAM	1	24	20.89	20.92	21.12	21.03	20.92	21.80
5	256QAM	12	0	20.91	20.82	21.00	20.85	20.84	21.80
5	256QAM	12	7	20.94	20.91	21.07	21.00	20.90	21.80
5	256QAM	12	13	20.96	20.86	21.14	21.00	20.78	21.80
5	256QAM	25	0	20.80	20.85	20.96	20.84	20.78	21.80

**[LTE Band 41_HPUE_Ant 3_DSI 12]**

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	15.58	15.50	15.61	15.51	15.53	16.90
20	QPSK	1	49	15.52	15.42	15.52	15.44	15.41	16.90
20	QPSK	1	99	15.45	15.36	15.52	15.40	15.41	16.90
20	QPSK	50	0	15.54	15.39	15.59	15.43	15.41	16.90
20	QPSK	50	24	15.50	15.40	15.46	15.46	15.47	16.90
20	QPSK	50	50	15.47	15.44	15.54	15.46	15.40	16.90
20	QPSK	100	0	15.51	15.36	15.47	15.46	15.42	16.90
20	16QAM	1	0	15.54	15.39	15.51	15.40	15.49	16.90
20	16QAM	1	49	15.50	15.44	15.50	15.45	15.47	16.90
20	16QAM	1	99	15.55	15.46	15.52	15.40	15.44	16.90
20	16QAM	50	0	15.44	15.46	15.50	15.43	15.39	16.90
20	16QAM	50	24	15.47	15.47	15.57	15.42	15.47	16.90
20	16QAM	50	50	15.47	15.46	15.56	15.45	15.41	16.90
20	16QAM	100	0	15.50	15.41	15.52	15.43	15.40	16.90
20	64QAM	1	0	15.46	15.40	15.49	15.47	15.42	16.90
20	64QAM	1	49	15.46	15.39	15.47	15.37	15.46	16.90
20	64QAM	1	99	15.51	15.37	15.50	15.41	15.42	16.90
20	64QAM	50	0	15.50	15.44	15.48	15.42	15.48	16.90
20	64QAM	50	24	15.55	15.38	15.55	15.38	15.48	16.90
20	64QAM	50	50	15.45	15.42	15.49	15.42	15.43	16.90
20	64QAM	100	0	15.53	15.39	15.54	15.44	15.49	16.90
20	256QAM	1	0	15.55	15.40	15.48	15.43	15.44	16.90
20	256QAM	1	49	15.54	15.47	15.55	15.48	15.44	16.90
20	256QAM	1	99	15.49	15.45	15.55	15.46	15.40	16.90
20	256QAM	50	0	15.54	15.40	15.47	15.38	15.39	16.90
20	256QAM	50	24	15.53	15.39	15.47	15.46	15.40	16.90
20	256QAM	50	50	15.46	15.47	15.47	15.43	15.42	16.90
20	256QAM	100	0	15.45	15.47	15.47	15.38	15.39	16.90
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	15.54	15.37	15.57	15.40	15.41	16.90
15	QPSK	1	37	15.50	15.36	15.41	15.30	15.40	16.90
15	QPSK	1	74	15.42	15.22	15.43	15.29	15.37	16.90
15	QPSK	36	0	15.48	15.36	15.57	15.39	15.38	16.90
15	QPSK	36	20	15.41	15.29	15.43	15.44	15.33	16.90
15	QPSK	36	39	15.43	15.39	15.48	15.40	15.35	16.90
15	QPSK	75	0	15.37	15.29	15.40	15.40	15.36	16.90
15	16QAM	1	0	15.41	15.34	15.46	15.37	15.41	16.90
15	16QAM	1	37	15.37	15.31	15.43	15.43	15.40	16.90
15	16QAM	1	74	15.41	15.40	15.38	15.31	15.40	16.90
15	16QAM	36	0	15.31	15.33	15.47	15.34	15.31	16.90
15	16QAM	36	20	15.33	15.41	15.50	15.28	15.38	16.90
15	16QAM	36	39	15.40	15.37	15.48	15.39	15.35	16.90
15	16QAM	75	0	15.39	15.33	15.42	15.40	15.31	16.90
15	64QAM	1	0	15.32	15.34	15.41	15.35	15.37	16.90
15	64QAM	1	37	15.37	15.33	15.35	15.31	15.33	16.90
15	64QAM	1	74	15.47	15.28	15.36	15.27	15.36	16.90
15	64QAM	36	0	15.40	15.32	15.44	15.40	15.41	16.90
15	64QAM	36	20	15.43	15.32	15.43	15.32	15.39	16.90
15	64QAM	36	39	15.41	15.41	15.36	15.29	15.33	16.90
15	64QAM	75	0	15.45	15.37	15.44	15.29	15.41	16.90
15	256QAM	1	0	15.52	15.37	15.46	15.32	15.36	16.90
15	256QAM	1	37	15.50	15.42	15.49	15.37	15.30	16.90
15	256QAM	1	74	15.34	15.41	15.42	15.40	15.31	16.90
15	256QAM	36	0	15.51	15.39	15.44	15.36	15.31	16.90
15	256QAM	36	20	15.50	15.36	15.35	15.43	15.32	16.90
15	256QAM	36	39	15.34	15.33	15.36	15.35	15.40	16.90
15	256QAM	75	0	15.38	15.38	15.45	15.29	15.30	16.90
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	15.55	15.42	15.60	15.39	15.44	16.90
10	QPSK	1	25	15.41	15.34	15.48	15.31	15.27	16.90
10	QPSK	1	49	15.36	15.33	15.41	15.36	15.34	16.90
10	QPSK	25	0	15.42	15.33	15.48	15.38	15.33	16.90
10	QPSK	25	12	15.46	15.38	15.32	15.35	15.41	16.90
10	QPSK	25	25	15.39	15.33	15.44	15.39	15.36	16.90
10	QPSK	50	0	15.36	15.33	15.36	15.33	15.27	16.90
10	16QAM	1	0	15.42	15.29	15.43	15.37	15.38	16.90
10	16QAM	1	25	15.45	15.35	15.37	15.37	15.33	16.90
10	16QAM	1	49	15.53	15.42	15.41	15.28	15.39	16.90



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10	16QAM	25	0	15.31	15.38	15.40	15.37	15.36	16.90
10	16QAM	25	12	15.45	15.36	15.46	15.40	15.32	16.90
10	16QAM	25	25	15.32	15.34	15.54	15.34	15.34	16.90
10	16QAM	50	0	15.39	15.35	15.39	15.31	15.27	16.90
10	64QAM	1	0	15.43	15.32	15.35	15.37	15.29	16.90
10	64QAM	1	25	15.39	15.34	15.41	15.23	15.36	16.90
10	64QAM	1	49	15.38	15.33	15.40	15.29	15.32	16.90
10	64QAM	25	0	15.48	15.40	15.46	15.27	15.35	16.90
10	64QAM	25	12	15.42	15.35	15.47	15.27	15.39	16.90
10	64QAM	25	25	15.42	15.39	15.45	15.40	15.34	16.90
10	64QAM	50	0	15.48	15.29	15.51	15.29	15.46	16.90
10	256QAM	1	0	15.50	15.28	15.43	15.34	15.30	16.90
10	256QAM	1	25	15.45	15.38	15.41	15.38	15.42	16.90
10	256QAM	1	49	15.42	15.38	15.42	15.39	15.38	16.90
10	256QAM	25	0	15.44	15.35	15.46	15.24	15.29	16.90
10	256QAM	25	12	15.46	15.35	15.44	15.35	15.31	16.90
10	256QAM	25	25	15.34	15.32	15.44	15.40	15.36	16.90
10	256QAM	50	0	15.34	15.45	15.41	15.34	15.32	16.90
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	15.44	15.41	15.54	15.49	15.47	16.90
5	QPSK	1	12	15.47	15.38	15.41	15.39	15.35	16.90
5	QPSK	1	24	15.34	15.25	15.39	15.29	15.38	16.90
5	QPSK	12	0	15.48	15.35	15.49	15.31	15.33	16.90
5	QPSK	12	7	15.40	15.26	15.38	15.36	15.41	16.90
5	QPSK	12	13	15.33	15.37	15.44	15.41	15.36	16.90
5	QPSK	25	0	15.43	15.23	15.36	15.38	15.27	16.90
5	16QAM	1	0	15.42	15.27	15.37	15.31	15.45	16.90
5	16QAM	1	12	15.40	15.40	15.40	15.32	15.38	16.90
5	16QAM	1	24	15.54	15.41	15.45	15.25	15.36	16.90
5	16QAM	12	0	15.39	15.39	15.45	15.33	15.37	16.90
5	16QAM	12	7	15.41	15.44	15.54	15.41	15.44	16.90
5	16QAM	12	13	15.40	15.34	15.45	15.37	15.38	16.90
5	16QAM	25	0	15.45	15.30	15.42	15.40	15.34	16.90
5	64QAM	1	0	15.38	15.26	15.38	15.37	15.29	16.90
5	64QAM	1	12	15.35	15.31	15.42	15.32	15.37	16.90
5	64QAM	1	24	15.40	15.33	15.40	15.36	15.30	16.90
5	64QAM	12	0	15.44	15.32	15.36	15.36	15.35	16.90
5	64QAM	12	7	15.46	15.28	15.52	15.35	15.38	16.90
5	64QAM	12	13	15.31	15.41	15.41	15.37	15.33	16.90
5	64QAM	25	0	15.44	15.36	15.48	15.29	15.34	16.90
5	256QAM	1	0	15.49	15.37	15.34	15.40	15.42	16.90
5	256QAM	1	12	15.41	15.33	15.53	15.34	15.41	16.90
5	256QAM	1	24	15.48	15.39	15.47	15.33	15.38	16.90
5	256QAM	12	0	15.51	15.28	15.43	15.34	15.29	16.90
5	256QAM	12	7	15.44	15.29	15.34	15.40	15.29	16.90
5	256QAM	12	13	15.38	15.34	15.32	15.30	15.33	16.90
5	256QAM	25	0	15.37	15.42	15.43	15.25	15.30	16.90

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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	19.32	19.36	19.46	19.41	19.45	20.20
20	QPSK	1	49	19.02	19.07	19.18	19.02	19.03	20.20
20	QPSK	1	99	18.95	19.05	19.18	19.08	19.13	20.20
20	QPSK	50	0	19.26	19.30	19.35	19.27	19.24	20.20
20	QPSK	50	24	19.04	19.08	19.26	19.14	19.18	20.20
20	QPSK	50	50	19.14	19.15	19.34	19.26	19.23	20.20
20	QPSK	100	0	19.30	19.21	19.32	19.26	19.18	20.20
20	16QAM	1	0	18.91	18.96	19.18	19.10	19.06	20.20
20	16QAM	1	49	19.03	19.10	19.30	19.19	19.19	20.20
20	16QAM	1	99	19.00	19.08	19.22	19.04	19.07	20.20
20	16QAM	50	0	19.15	19.22	19.35	19.22	19.26	20.20
20	16QAM	50	24	19.11	19.09	19.27	19.18	19.11	20.20
20	16QAM	50	50	19.02	19.01	19.25	19.11	19.22	20.20
20	16QAM	100	0	19.08	19.06	19.27	19.16	19.13	20.20
20	64QAM	1	0	18.90	19.04	19.19	19.11	19.07	20.20
20	64QAM	1	49	19.10	19.21	19.34	19.16	19.23	20.20
20	64QAM	1	99	19.11	19.12	19.29	19.18	19.17	20.20
20	64QAM	50	0	19.10	19.16	19.30	19.10	19.23	20.20
20	64QAM	50	24	19.13	19.09	19.29	19.22	19.25	20.20



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20	64QAM	50	50	19.07	19.12	19.33	19.27	19.18	20.20
20	64QAM	100	0	18.97	19.05	19.19	19.05	19.14	20.20
20	256QAM	1	0	19.01	18.99	19.21	19.11	19.16	20.20
20	256QAM	1	49	19.17	19.12	19.33	19.23	19.21	20.20
20	256QAM	1	99	19.01	18.98	19.18	19.00	19.13	20.20
20	256QAM	50	0	19.01	18.98	19.18	19.01	19.14	20.20
20	256QAM	50	24	18.91	19.06	19.18	19.07	19.15	20.20
20	256QAM	50	50	19.06	19.12	19.28	19.17	19.18	20.20
20	256QAM	100	0	19.07	19.17	19.33	19.15	19.19	20.20
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.29	19.26	19.45	19.29	19.31	20.20
15	QPSK	1	37	18.87	18.97	19.10	18.95	18.98	20.20
15	QPSK	1	74	18.81	18.94	19.14	18.94	19.04	20.20
15	QPSK	36	0	19.15	19.25	19.21	19.14	19.22	20.20
15	QPSK	36	20	18.94	19.04	19.12	19.01	19.14	20.20
15	QPSK	36	39	19.12	19.07	19.31	19.14	19.21	20.20
15	QPSK	75	0	19.19	19.07	19.27	19.22	19.15	20.20
15	16QAM	1	0	18.81	18.95	19.14	18.98	18.97	20.20
15	16QAM	1	37	18.96	19.06	19.26	19.12	19.10	20.20
15	16QAM	1	74	18.96	19.04	19.20	19.00	18.97	20.20
15	16QAM	36	0	19.13	19.21	19.33	19.12	19.15	20.20
15	16QAM	36	20	19.05	18.99	19.18	19.17	19.05	20.20
15	16QAM	36	39	19.00	18.86	19.24	19.07	19.20	20.20
15	16QAM	75	0	18.96	18.99	19.22	19.05	19.11	20.20
15	64QAM	1	0	18.88	18.95	19.15	19.02	18.95	20.20
15	64QAM	1	37	18.95	19.15	19.25	19.07	19.22	20.20
15	64QAM	1	74	19.00	19.03	19.24	19.05	19.14	20.20
15	64QAM	36	0	19.01	19.07	19.23	19.09	19.13	20.20
15	64QAM	36	20	19.09	19.05	19.18	19.16	19.18	20.20
15	64QAM	36	39	18.98	19.03	19.24	19.23	19.16	20.20
15	64QAM	75	0	18.90	19.01	19.07	18.93	19.05	20.20
15	256QAM	1	0	18.99	18.88	19.20	19.07	19.10	20.20
15	256QAM	1	37	19.11	19.04	19.30	19.13	19.11	20.20
15	256QAM	1	74	18.99	18.87	19.08	18.88	19.06	20.20
15	256QAM	36	0	18.90	18.84	19.03	18.98	19.09	20.20
15	256QAM	36	20	18.81	18.92	19.15	18.93	19.13	20.20
15	256QAM	36	39	18.97	19.08	19.13	19.11	19.08	20.20
15	256QAM	75	0	18.96	19.09	19.23	19.10	19.17	20.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.24	19.34	19.42	19.37	19.37	20.20
10	QPSK	1	25	18.88	18.97	19.15	18.95	18.97	20.20
10	QPSK	1	49	18.90	18.97	19.16	19.06	19.03	20.20
10	QPSK	25	0	19.17	19.19	19.27	19.24	19.10	20.20
10	QPSK	25	12	19.01	18.96	19.17	19.08	19.09	20.20
10	QPSK	25	25	19.08	19.05	19.23	19.11	19.09	20.20
10	QPSK	50	0	19.17	19.15	19.18	19.16	19.06	20.20
10	16QAM	1	0	18.89	18.93	19.04	18.97	19.03	20.20
10	16QAM	1	25	18.91	19.05	19.19	19.11	19.04	20.20
10	16QAM	1	49	18.94	18.99	19.15	19.03	19.04	20.20
10	16QAM	25	0	19.04	19.13	19.27	19.12	19.18	20.20
10	16QAM	25	12	19.02	19.06	19.21	19.15	18.97	20.20
10	16QAM	25	25	18.98	18.91	19.16	19.00	19.18	20.20
10	16QAM	50	0	19.02	19.02	19.16	19.08	19.02	20.20
10	64QAM	1	0	18.76	19.03	19.14	19.01	19.03	20.20
10	64QAM	1	25	18.98	19.09	19.28	19.14	19.16	20.20
10	64QAM	1	49	19.08	19.08	19.25	19.14	19.07	20.20
10	64QAM	25	0	19.07	19.06	19.21	19.09	19.19	20.20
10	64QAM	25	12	19.00	18.99	19.27	19.15	19.22	20.20
10	64QAM	25	25	19.04	19.08	19.28	19.23	19.05	20.20
10	64QAM	50	0	18.89	18.97	19.08	18.95	19.02	20.20
10	256QAM	1	0	18.90	18.84	19.14	19.03	19.02	20.20
10	256QAM	1	25	19.12	19.03	19.22	19.14	19.08	20.20
10	256QAM	1	49	19.00	18.86	19.12	18.89	19.05	20.20
10	256QAM	25	0	18.91	18.86	19.10	18.97	19.05	20.20
10	256QAM	25	12	18.80	18.98	19.08	19.03	19.02	20.20
10	256QAM	25	25	18.96	19.08	19.23	19.10	19.03	20.20
10	256QAM	50	0	18.99	19.05	19.27	19.07	19.16	20.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.27	19.25	19.41	19.39	19.43	20.20
5	QPSK	1	12	18.88	18.94	19.12	18.90	19.02	20.20
5	QPSK	1	24	18.88	18.96	19.11	19.02	18.99	20.20
5	QPSK	12	0	19.16	19.27	19.33	19.25	19.18	20.20
5	QPSK	12	7	18.91	18.98	19.21	19.02	19.09	20.20
5	QPSK	12	13	19.08	19.03	19.26	19.19	19.11	20.20
5	QPSK	25	0	19.27	19.19	19.18	19.13	19.08	20.20



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5	16QAM	1	0	18.82	18.83	19.11	19.04	18.98	20.20
5	16QAM	1	12	18.92	19.01	19.17	19.04	19.11	20.20
5	16QAM	1	24	18.86	18.99	19.18	18.93	18.94	20.20
5	16QAM	12	0	19.04	19.19	19.31	19.15	19.13	20.20
5	16QAM	12	7	19.01	19.01	19.14	19.13	19.08	20.20
5	16QAM	12	13	18.98	18.88	19.16	19.08	19.19	20.20
5	16QAM	25	0	19.02	18.97	19.19	19.10	19.09	20.20
5	64QAM	1	0	18.82	19.02	19.13	18.97	19.01	20.20
5	64QAM	1	12	19.01	19.13	19.29	19.03	19.10	20.20
5	64QAM	1	24	19.03	19.09	19.20	19.10	19.11	20.20
5	64QAM	12	0	19.02	19.09	19.27	19.00	19.18	20.20
5	64QAM	12	7	19.07	18.98	19.19	19.21	19.11	20.20
5	64QAM	12	13	18.97	19.10	19.27	19.26	19.10	20.20
5	64QAM	25	0	18.92	19.03	19.14	19.00	19.02	20.20
5	256QAM	1	0	18.97	18.87	19.18	19.09	19.04	20.20
5	256QAM	1	12	19.11	19.08	19.30	19.08	19.07	20.20
5	256QAM	1	24	18.97	18.89	19.12	18.88	19.03	20.20
5	256QAM	12	0	18.86	18.93	19.14	18.89	19.05	20.20
5	256QAM	12	7	18.88	18.97	19.15	18.95	19.03	20.20
5	256QAM	12	13	18.91	19.05	19.23	19.06	19.11	20.20
5	256QAM	25	0	19.06	19.09	19.21	19.02	19.07	20.20

【LTE Band 41_HPUE_Ant 3_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.15	26.17	26.33	26.09	26.02	27.00
20	QPSK	1	49	26.07	26.09	26.30	25.97	25.92	27.00
20	QPSK	1	99	25.76	25.81	26.01	25.64	25.62	27.00
20	QPSK	50	0	25.20	25.16	25.39	25.14	24.95	26.00
20	QPSK	50	24	25.14	25.11	25.31	25.09	24.91	26.00
20	QPSK	50	50	25.03	25.10	25.35	25.04	24.94	26.00
20	QPSK	100	0	25.03	25.13	25.32	24.95	25.00	26.00
20	16QAM	1	0	25.33	25.26	25.53	25.17	25.15	26.00
20	16QAM	1	49	25.37	25.32	25.56	25.23	25.16	26.00
20	16QAM	1	99	25.04	25.14	25.36	25.10	24.92	26.00
20	16QAM	50	0	24.10	24.14	24.31	24.02	23.96	25.00
20	16QAM	50	24	24.20	24.18	24.39	24.02	23.98	25.00
20	16QAM	50	50	24.14	24.08	24.34	24.05	23.93	25.00
20	16QAM	100	0	24.17	24.09	24.36	24.01	24.01	25.00
20	64QAM	1	0	24.34	24.38	24.56	24.22	24.16	25.00
20	64QAM	1	49	24.39	24.34	24.63	24.31	24.26	25.00
20	64QAM	1	99	24.22	24.22	24.40	24.05	24.03	25.00
20	64QAM	50	0	23.07	23.10	23.29	22.96	22.99	24.00
20	64QAM	50	24	23.09	23.09	23.37	23.10	22.95	24.00
20	64QAM	50	50	23.17	23.10	23.35	23.03	22.95	24.00
20	64QAM	100	0	23.04	23.18	23.34	23.04	23.05	24.00
20	256QAM	1	0	21.25	21.25	21.45	21.18	21.15	22.00
20	256QAM	1	49	21.34	21.36	21.56	21.27	21.28	22.00
20	256QAM	1	99	21.08	21.13	21.34	21.06	21.02	22.00
20	256QAM	50	0	21.10	21.14	21.31	21.05	20.98	22.00
20	256QAM	50	24	21.14	21.15	21.37	21.06	21.00	22.00
20	256QAM	50	50	21.06	21.13	21.29	21.00	20.93	22.00
20	256QAM	100	0	21.15	21.08	21.32	21.11	20.92	22.00
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	26.07	26.08	26.21	25.96	25.91	27.00
15	QPSK	1	37	26.04	25.94	26.22	25.92	25.83	27.00
15	QPSK	1	74	25.68	25.79	25.97	25.56	25.49	27.00
15	QPSK	36	0	24.97	25.07	25.29	25.02	24.80	26.00
15	QPSK	36	20	25.11	25.08	25.28	25.12	24.91	26.00
15	QPSK	36	39	24.98	25.05	25.33	25.01	24.89	26.00
15	QPSK	75	0	24.97	25.08	25.21	24.80	24.93	26.00
15	16QAM	1	0	25.25	25.23	25.40	25.15	25.09	26.00
15	16QAM	1	37	25.30	25.28	25.47	25.10	25.06	26.00
15	16QAM	1	74	24.92	25.07	25.25	25.04	24.87	26.00
15	16QAM	36	0	23.96	24.10	24.22	23.92	23.82	25.00
15	16QAM	36	20	24.15	24.11	24.29	23.95	23.83	25.00
15	16QAM	36	39	24.07	23.94	24.32	23.91	23.79	25.00
15	16QAM	75	0	24.08	24.00	24.25	23.94	23.91	25.00
15	64QAM	1	0	24.25	24.26	24.53	24.18	24.12	25.00
15	64QAM	1	37	24.30	24.32	24.56	24.16	24.17	25.00



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15	64QAM	1	74	24.13	24.10	24.37	23.96	23.95	25.00
15	64QAM	36	0	22.93	23.03	23.26	22.94	22.87	24.00
15	64QAM	36	20	22.95	23.04	23.26	23.05	22.85	24.00
15	64QAM	36	39	23.03	23.00	23.30	22.98	22.81	24.00
15	64QAM	75	0	22.93	23.12	23.23	22.91	22.94	24.00
15	256QAM	1	0	21.10	21.21	21.38	21.15	21.10	22.00
15	256QAM	1	37	21.32	21.26	21.43	21.21	21.22	22.00
15	256QAM	1	74	21.06	21.02	21.21	20.96	20.93	22.00
15	256QAM	36	0	20.96	21.09	21.19	20.91	20.87	22.00
15	256QAM	36	20	21.12	21.12	21.35	20.91	20.86	22.00
15	256QAM	36	39	21.03	21.12	21.16	20.92	20.87	22.00
15	256QAM	75	0	21.12	21.05	21.26	20.96	20.90	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.13	26.14	26.28	25.97	25.90	27.00
10	QPSK	1	25	25.98	26.06	26.21	25.90	25.79	27.00
10	QPSK	1	49	25.74	25.66	25.90	25.57	25.53	27.00
10	QPSK	25	0	24.96	25.00	25.18	24.96	24.82	26.00
10	QPSK	25	12	25.15	25.11	25.33	25.08	24.86	26.00
10	QPSK	25	25	24.92	24.97	25.29	25.01	24.84	26.00
10	QPSK	50	0	24.89	25.01	25.28	24.82	24.93	26.00
10	16QAM	1	0	25.29	25.25	25.49	25.09	25.02	26.00
10	16QAM	1	25	25.32	25.28	25.52	25.13	25.10	26.00
10	16QAM	1	49	25.00	25.11	25.35	25.00	24.89	26.00
10	16QAM	25	0	24.03	24.11	24.17	23.90	23.94	25.00
10	16QAM	25	12	24.12	24.13	24.35	23.94	23.84	25.00
10	16QAM	25	25	24.09	24.02	24.20	23.92	23.89	25.00
10	16QAM	50	0	24.08	23.97	24.32	23.96	24.00	25.00
10	64QAM	1	0	24.19	24.28	24.43	24.15	24.13	25.00
10	64QAM	1	25	24.35	24.30	24.53	24.23	24.18	25.00
10	64QAM	1	49	24.07	24.18	24.36	24.03	23.99	25.00
10	64QAM	25	0	22.94	23.06	23.20	22.90	22.93	24.00
10	64QAM	25	12	23.00	23.04	23.29	23.02	22.88	24.00
10	64QAM	25	25	23.10	22.99	23.27	22.98	22.91	24.00
10	64QAM	50	0	22.99	23.14	23.31	23.02	22.91	24.00
10	256QAM	1	0	21.14	21.10	21.39	21.09	21.09	22.00
10	256QAM	1	25	21.28	21.28	21.46	21.24	21.13	22.00
10	256QAM	1	49	21.00	21.05	21.28	20.98	20.87	22.00
10	256QAM	25	0	21.00	20.99	21.20	20.94	20.96	22.00
10	256QAM	25	12	21.10	21.13	21.33	21.03	20.98	22.00
10	256QAM	25	25	20.92	21.10	21.27	20.85	20.86	22.00
10	256QAM	50	0	21.10	20.98	21.21	21.04	20.81	22.00
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	26.09	26.03	26.26	25.96	25.93	27.00
5	QPSK	1	12	26.03	26.08	26.25	25.92	25.85	27.00
5	QPSK	1	24	25.75	25.67	26.00	25.52	25.56	27.00
5	QPSK	12	0	24.87	25.00	25.29	25.00	24.92	26.00
5	QPSK	12	7	25.11	25.12	25.27	25.12	24.86	26.00
5	QPSK	12	13	24.91	25.06	25.32	24.96	24.82	26.00
5	QPSK	25	0	25.01	25.08	25.23	24.80	24.92	26.00
5	16QAM	1	0	25.31	25.25	25.48	25.08	25.09	26.00
5	16QAM	1	12	25.33	25.23	25.42	25.14	25.04	26.00
5	16QAM	1	24	24.91	25.08	25.27	25.01	24.78	26.00
5	16QAM	12	0	24.06	24.13	24.20	23.99	23.84	25.00
5	16QAM	12	7	24.06	24.08	24.34	23.99	23.89	25.00
5	16QAM	12	13	24.00	23.97	24.30	23.92	23.86	25.00
5	16QAM	25	0	24.04	24.01	24.33	24.00	23.91	25.00
5	64QAM	1	0	24.21	24.34	24.51	24.09	24.08	25.00
5	64QAM	1	12	24.30	24.27	24.56	24.29	24.23	25.00
5	64QAM	1	24	24.13	24.13	24.31	23.94	23.88	25.00
5	64QAM	12	0	22.93	23.06	23.17	22.88	22.91	24.00
5	64QAM	12	7	22.95	23.03	23.33	23.07	22.91	24.00
5	64QAM	12	13	23.07	23.04	23.21	22.91	22.87	24.00
5	64QAM	25	0	22.95	23.15	23.24	22.99	22.93	24.00
5	256QAM	1	0	21.11	21.18	21.36	21.10	21.01	22.00
5	256QAM	1	12	21.24	21.28	21.46	21.25	21.14	22.00
5	256QAM	1	24	21.06	21.10	21.21	21.02	20.99	22.00
5	256QAM	12	0	21.09	21.10	21.27	20.96	20.84	22.00
5	256QAM	12	7	21.04	21.06	21.29	20.91	20.90	22.00
5	256QAM	12	13	20.93	20.99	21.19	20.87	20.80	22.00
5	256QAM	25	0	21.04	20.95	21.20	21.08	20.91	22.00

**[LTE Band 41_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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.92	21.95	22.05	21.89	21.88	23.00
20	QPSK	1	49	21.75	21.77	21.94	21.72	21.73	23.00
20	QPSK	1	99	21.71	21.81	21.92	21.71	21.60	23.00
20	QPSK	50	0	21.02	21.06	21.09	20.96	20.92	22.00
20	QPSK	50	24	20.77	20.80	21.02	20.79	20.75	22.00
20	QPSK	50	50	20.81	20.81	21.02	20.82	20.76	22.00
20	QPSK	100	0	20.81	20.84	21.07	20.90	20.83	22.00
20	16QAM	1	0	20.82	20.84	21.04	20.76	20.78	22.00
20	16QAM	1	49	20.77	20.79	20.97	20.77	20.74	22.00
20	16QAM	1	99	20.91	20.88	21.07	20.87	20.84	22.00
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00
20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.78	21.91	22.03	21.79	21.79	23.00
15	QPSK	1	37	21.65	21.71	21.84	21.64	21.68	23.00
15	QPSK	1	74	21.61	21.79	21.82	21.63	21.54	23.00
15	QPSK	36	0	20.91	21.01	20.95	20.86	20.78	22.00
15	QPSK	36	20	20.73	20.68	20.88	20.67	20.63	22.00
15	QPSK	36	39	20.78	20.77	20.98	20.68	20.73	22.00
15	QPSK	75	0	20.78	20.81	21.03	20.84	20.75	22.00
15	16QAM	1	0	20.77	20.81	21.00	20.62	20.71	22.00
15	16QAM	1	37	20.67	20.74	20.84	20.65	20.61	22.00
15	16QAM	1	74	20.81	20.76	20.96	20.77	20.78	22.00
15	16QAM	36	0	19.69	19.72	19.89	19.61	19.67	21.00
15	16QAM	36	20	19.76	19.72	20.00	19.71	19.69	21.00
15	16QAM	36	39	19.60	19.66	19.79	19.68	19.60	21.00
15	16QAM	75	0	19.73	19.76	19.92	19.60	19.60	21.00
15	64QAM	1	0	19.81	19.80	19.94	19.69	19.80	21.00
15	64QAM	1	37	19.60	19.59	19.87	19.64	19.57	21.00
15	64QAM	1	74	19.74	19.84	19.92	19.85	19.80	21.00
15	64QAM	36	0	18.77	18.72	18.83	18.63	18.64	20.00
15	64QAM	36	20	18.69	18.79	18.82	18.73	18.59	20.00
15	64QAM	36	39	18.59	18.77	18.89	18.74	18.70	20.00
15	64QAM	75	0	18.60	18.56	18.70	18.52	18.40	20.00
15	256QAM	1	0	16.57	16.57	16.81	16.72	16.59	18.00
15	256QAM	1	37	16.71	16.84	16.86	16.70	16.74	18.00
15	256QAM	1	74	16.52	16.70	16.82	16.48	16.68	18.00
15	256QAM	36	0	16.78	16.89	16.96	16.67	16.72	18.00
15	256QAM	36	20	16.87	16.78	16.93	16.80	16.64	18.00
15	256QAM	36	39	16.75	16.80	16.85	16.72	16.64	18.00
15	256QAM	75	0	16.82	16.83	17.00	16.71	16.82	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.87	21.90	21.92	21.84	21.81	23.00
10	QPSK	1	25	21.66	21.75	21.91	21.70	21.61	23.00
10	QPSK	1	49	21.57	21.79	21.84	21.59	21.52	23.00
10	QPSK	25	0	20.99	21.01	21.04	20.92	20.91	22.00
10	QPSK	25	12	20.68	20.77	20.89	20.71	20.67	22.00
10	QPSK	25	25	20.67	20.69	20.91	20.80	20.66	22.00
10	QPSK	50	0	20.76	20.82	20.95	20.83	20.74	22.00
10	16QAM	1	0	20.68	20.82	20.96	20.68	20.76	22.00
10	16QAM	1	25	20.64	20.78	20.84	20.68	20.62	22.00
10	16QAM	1	49	20.77	20.75	21.03	20.84	20.69	22.00



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10	16QAM	25	0	19.77	19.76	19.90	19.66	19.77	21.00
10	16QAM	25	12	19.72	19.71	19.96	19.71	19.71	21.00
10	16QAM	25	25	19.63	19.66	19.87	19.66	19.54	21.00
10	16QAM	50	0	19.78	19.67	19.82	19.61	19.60	21.00
10	64QAM	1	0	19.72	19.88	19.95	19.76	19.70	21.00
10	64QAM	1	25	19.61	19.69	19.79	19.62	19.60	21.00
10	64QAM	1	49	19.81	19.87	19.99	19.86	19.79	21.00
10	64QAM	25	0	18.74	18.73	18.84	18.54	18.64	20.00
10	64QAM	25	12	18.71	18.70	18.89	18.74	18.63	20.00
10	64QAM	25	25	18.60	18.81	18.87	18.81	18.69	20.00
10	64QAM	50	0	18.69	18.46	18.71	18.51	18.50	20.00
10	256QAM	1	0	16.62	16.59	16.88	16.66	16.55	18.00
10	256QAM	1	25	16.68	16.84	16.94	16.65	16.63	18.00
10	256QAM	1	49	16.52	16.62	16.83	16.55	16.62	18.00
10	256QAM	25	0	16.78	16.84	16.92	16.63	16.72	18.00
10	256QAM	25	12	16.87	16.81	16.99	16.80	16.75	18.00
10	256QAM	25	25	16.68	16.74	16.84	16.66	16.58	18.00
10	256QAM	50	0	16.76	16.75	16.94	16.65	16.73	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.83	21.80	22.01	21.82	21.86	23.00
5	QPSK	1	12	21.68	21.73	21.79	21.61	21.65	23.00
5	QPSK	1	24	21.64	21.67	21.83	21.62	21.58	23.00
5	QPSK	12	0	20.93	20.95	20.97	20.88	20.88	22.00
5	QPSK	12	7	20.73	20.65	20.90	20.66	20.60	22.00
5	QPSK	12	13	20.69	20.71	20.93	20.70	20.67	22.00
5	QPSK	25	0	20.67	20.76	20.99	20.78	20.74	22.00
5	16QAM	1	0	20.69	20.75	20.94	20.61	20.67	22.00
5	16QAM	1	12	20.73	20.71	20.89	20.72	20.63	22.00
5	16QAM	1	24	20.79	20.78	21.02	20.80	20.80	22.00
5	16QAM	12	0	19.75	19.80	19.87	19.66	19.66	21.00
5	16QAM	12	7	19.70	19.71	19.90	19.67	19.80	21.00
5	16QAM	12	13	19.62	19.79	19.82	19.60	19.51	21.00
5	16QAM	25	0	19.77	19.66	19.93	19.62	19.56	21.00
5	64QAM	1	0	19.75	19.79	19.96	19.68	19.72	21.00
5	64QAM	1	12	19.56	19.69	19.80	19.62	19.61	21.00
5	64QAM	1	24	19.72	19.76	19.90	19.79	19.74	21.00
5	64QAM	12	0	18.80	18.78	18.82	18.61	18.72	20.00
5	64QAM	12	7	18.72	18.81	18.88	18.70	18.65	20.00
5	64QAM	12	13	18.60	18.74	18.88	18.76	18.65	20.00
5	64QAM	25	0	18.69	18.53	18.75	18.44	18.41	20.00
5	256QAM	1	0	16.65	16.68	16.84	16.67	16.53	18.00
5	256QAM	1	12	16.68	16.80	16.89	16.59	16.76	18.00
5	256QAM	1	24	16.56	16.68	16.85	16.48	16.70	18.00
5	256QAM	12	0	16.81	16.81	16.98	16.65	16.75	18.00
5	256QAM	12	7	16.88	16.75	17.00	16.81	16.66	18.00
5	256QAM	12	13	16.68	16.71	16.83	16.65	16.59	18.00
5	256QAM	25	0	16.75	16.75	16.96	16.64	16.73	18.00

【LTE Band 41_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.92	21.95	22.05	21.89	21.88	23.00
20	QPSK	1	49	21.75	21.77	21.94	21.72	21.73	23.00
20	QPSK	1	99	21.71	21.81	21.92	21.71	21.60	23.00
20	QPSK	50	0	21.02	21.06	21.09	20.96	20.92	22.00
20	QPSK	50	24	20.77	20.80	21.02	20.79	20.75	22.00
20	QPSK	50	50	20.81	20.81	21.02	20.82	20.76	22.00
20	QPSK	100	0	20.81	20.84	21.07	20.90	20.83	22.00
20	16QAM	1	0	20.82	20.84	21.04	20.76	20.78	22.00
20	16QAM	1	49	20.77	20.79	20.97	20.77	20.74	22.00
20	16QAM	1	99	20.91	20.88	21.07	20.87	20.84	22.00
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00



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20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.78	21.91	22.03	21.79	21.79	23.00
15	QPSK	1	37	21.65	21.71	21.84	21.64	21.68	23.00
15	QPSK	1	74	21.61	21.79	21.82	21.63	21.54	23.00
15	QPSK	36	0	20.91	21.01	20.95	20.86	20.78	22.00
15	QPSK	36	20	20.73	20.68	20.88	20.67	20.63	22.00
15	QPSK	36	39	20.78	20.77	20.98	20.68	20.73	22.00
15	QPSK	75	0	20.78	20.81	21.03	20.84	20.75	22.00
15	16QAM	1	0	20.77	20.81	21.00	20.62	20.71	22.00
15	16QAM	1	37	20.67	20.74	20.84	20.65	20.61	22.00
15	16QAM	1	74	20.81	20.76	20.96	20.77	20.78	22.00
15	16QAM	36	0	19.69	19.72	19.89	19.61	19.67	21.00
15	16QAM	36	20	19.76	19.72	20.00	19.71	19.69	21.00
15	16QAM	36	39	19.60	19.66	19.79	19.68	19.60	21.00
15	16QAM	75	0	19.73	19.76	19.92	19.60	19.60	21.00
15	64QAM	1	0	19.81	19.80	19.94	19.69	19.80	21.00
15	64QAM	1	37	19.60	19.59	19.87	19.64	19.57	21.00
15	64QAM	1	74	19.74	19.84	19.92	19.85	19.80	21.00
15	64QAM	36	0	18.77	18.72	18.83	18.63	18.64	20.00
15	64QAM	36	20	18.69	18.79	18.82	18.73	18.59	20.00
15	64QAM	36	39	18.59	18.77	18.89	18.74	18.70	20.00
15	64QAM	75	0	18.60	18.56	18.70	18.52	18.40	20.00
15	256QAM	1	0	16.57	16.57	16.81	16.72	16.59	18.00
15	256QAM	1	37	16.71	16.84	16.86	16.70	16.74	18.00
15	256QAM	1	74	16.52	16.70	16.82	16.48	16.68	18.00
15	256QAM	36	0	16.78	16.89	16.96	16.67	16.72	18.00
15	256QAM	36	20	16.87	16.78	16.93	16.80	16.64	18.00
15	256QAM	36	39	16.75	16.80	16.85	16.72	16.64	18.00
15	256QAM	75	0	16.82	16.83	17.00	16.71	16.82	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.87	21.90	21.92	21.84	21.81	23.00
10	QPSK	1	25	21.66	21.75	21.91	21.70	21.61	23.00
10	QPSK	1	49	21.57	21.79	21.84	21.59	21.52	23.00
10	QPSK	25	0	20.99	21.01	21.04	20.92	20.91	22.00
10	QPSK	25	12	20.68	20.77	20.89	20.71	20.67	22.00
10	QPSK	25	25	20.67	20.69	20.91	20.80	20.66	22.00
10	QPSK	50	0	20.76	20.82	20.95	20.83	20.74	22.00
10	16QAM	1	0	20.68	20.82	20.96	20.68	20.76	22.00
10	16QAM	1	25	20.64	20.78	20.84	20.68	20.62	22.00
10	16QAM	1	49	20.77	20.75	21.03	20.84	20.69	22.00
10	16QAM	25	0	19.77	19.76	19.90	19.66	19.77	21.00
10	16QAM	25	12	19.72	19.71	19.96	19.71	19.71	21.00
10	16QAM	25	25	19.63	19.66	19.87	19.66	19.54	21.00
10	16QAM	50	0	19.78	19.67	19.82	19.61	19.60	21.00
10	64QAM	1	0	19.72	19.88	19.95	19.76	19.70	21.00
10	64QAM	1	25	19.61	19.69	19.79	19.62	19.60	21.00
10	64QAM	1	49	19.81	19.87	19.99	19.86	19.79	21.00
10	64QAM	25	0	18.74	18.73	18.84	18.54	18.64	20.00
10	64QAM	25	12	18.71	18.70	18.89	18.74	18.63	20.00
10	64QAM	25	25	18.60	18.81	18.87	18.81	18.69	20.00
10	64QAM	50	0	18.69	18.46	18.71	18.51	18.50	20.00
10	256QAM	1	0	16.62	16.59	16.88	16.66	16.55	18.00
10	256QAM	1	25	16.68	16.84	16.94	16.65	16.63	18.00
10	256QAM	1	49	16.52	16.62	16.83	16.55	16.62	18.00
10	256QAM	25	0	16.78	16.84	16.92	16.63	16.72	18.00
10	256QAM	25	12	16.87	16.81	16.99	16.80	16.75	18.00
10	256QAM	25	25	16.68	16.74	16.84	16.66	16.58	18.00
10	256QAM	50	0	16.76	16.75	16.94	16.65	16.73	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.83	21.80	22.01	21.82	21.86	23.00
5	QPSK	1	12	21.68	21.73	21.79	21.61	21.65	23.00
5	QPSK	1	24	21.64	21.67	21.83	21.62	21.58	23.00
5	QPSK	12	0	20.93	20.95	20.97	20.88	20.88	22.00
5	QPSK	12	7	20.73	20.65	20.90	20.66	20.60	22.00
5	QPSK	12	13	20.69	20.71	20.93	20.70	20.67	22.00
5	QPSK	25	0	20.67	20.76	20.99	20.78	20.74	22.00



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5	16QAM	1	0	20.69	20.75	20.94	20.61	20.67	22.00
5	16QAM	1	12	20.73	20.71	20.89	20.72	20.63	22.00
5	16QAM	1	24	20.79	20.78	21.02	20.80	20.80	22.00
5	16QAM	12	0	19.75	19.80	19.87	19.66	19.66	21.00
5	16QAM	12	7	19.70	19.71	19.90	19.67	19.80	21.00
5	16QAM	12	13	19.62	19.79	19.82	19.60	19.51	21.00
5	16QAM	25	0	19.77	19.66	19.93	19.62	19.56	21.00
5	64QAM	1	0	19.75	19.79	19.96	19.68	19.72	21.00
5	64QAM	1	12	19.56	19.69	19.80	19.62	19.61	21.00
5	64QAM	1	24	19.72	19.76	19.90	19.79	19.74	21.00
5	64QAM	12	0	18.80	18.78	18.82	18.61	18.72	20.00
5	64QAM	12	7	18.72	18.81	18.88	18.70	18.65	20.00
5	64QAM	12	13	18.60	18.74	18.88	18.76	18.65	20.00
5	64QAM	25	0	18.69	18.53	18.75	18.44	18.41	20.00
5	256QAM	1	0	16.65	16.68	16.84	16.67	16.53	18.00
5	256QAM	1	12	16.68	16.80	16.89	16.59	16.76	18.00
5	256QAM	1	24	16.56	16.68	16.85	16.48	16.70	18.00
5	256QAM	12	0	16.81	16.81	16.98	16.65	16.75	18.00
5	256QAM	12	7	16.88	16.75	17.00	16.81	16.66	18.00
5	256QAM	12	13	16.68	16.71	16.83	16.65	16.59	18.00
5	256QAM	25	0	16.75	16.75	16.96	16.64	16.73	18.00

【LTE Band 41_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.42	20.45	20.55	20.39	20.38	21.50
20	QPSK	1	49	20.25	20.27	20.44	20.22	20.23	21.50
20	QPSK	1	99	20.21	20.31	20.42	20.21	20.10	21.50
20	QPSK	50	0	20.02	20.06	20.09	19.96	19.92	21.50
20	QPSK	50	24	19.77	19.80	20.02	19.79	19.75	21.50
20	QPSK	50	50	19.81	19.81	20.02	19.82	19.76	21.50
20	QPSK	100	0	19.81	19.84	20.07	19.90	19.83	21.50
20	16QAM	1	0	19.82	19.84	20.04	19.76	19.78	21.50
20	16QAM	1	49	19.77	19.79	19.97	19.77	19.74	21.50
20	16QAM	1	99	19.91	19.88	20.07	19.87	19.84	21.50
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00
20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
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	20.35	20.44	20.43	20.31	20.33	21.50
15	QPSK	1	37	20.23	20.18	20.41	20.15	20.14	21.50
15	QPSK	1	74	20.13	20.17	20.36	20.18	19.98	21.50
15	QPSK	36	0	19.93	20.03	19.97	19.91	19.83	21.50
15	QPSK	36	20	19.75	19.77	20.01	19.71	19.72	21.50
15	QPSK	36	39	19.68	19.69	19.90	19.73	19.74	21.50
15	QPSK	75	0	19.69	19.73	19.96	19.85	19.81	21.50
15	16QAM	1	0	19.73	19.72	19.90	19.66	19.76	21.50
15	16QAM	1	37	19.64	19.68	19.95	19.75	19.72	21.50
15	16QAM	1	74	19.85	19.77	19.94	19.81	19.74	21.50
15	16QAM	36	0	19.71	19.75	19.86	19.63	19.66	21.00
15	16QAM	36	20	19.72	19.77	19.97	19.75	19.75	21.00
15	16QAM	36	39	19.53	19.72	19.77	19.61	19.53	21.00
15	16QAM	75	0	19.75	19.79	19.94	19.62	19.57	21.00
15	64QAM	1	0	19.75	19.82	20.04	19.71	19.78	21.00
15	64QAM	1	37	19.66	19.65	19.77	19.59	19.57	21.00



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15	64QAM	1	74	19.77	19.84	20.02	19.79	19.80	21.00
15	64QAM	36	0	18.67	18.79	18.83	18.59	18.64	20.00
15	64QAM	36	20	18.68	18.79	18.86	18.65	18.55	20.00
15	64QAM	36	39	18.70	18.73	18.92	18.74	18.71	20.00
15	64QAM	75	0	18.66	18.46	18.69	18.48	18.46	20.00
15	256QAM	1	0	16.53	16.57	16.88	16.73	16.64	18.00
15	256QAM	1	37	16.71	16.74	16.82	16.65	16.72	18.00
15	256QAM	1	74	16.62	16.60	16.86	16.49	16.63	18.00
15	256QAM	36	0	16.78	16.86	16.98	16.70	16.71	18.00
15	256QAM	36	20	16.85	16.72	17.03	16.78	16.78	18.00
15	256QAM	36	39	16.75	16.78	16.91	16.72	16.62	18.00
15	256QAM	75	0	16.70	16.74	16.92	16.72	16.73	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.29	20.41	20.41	20.37	20.23	21.50
10	QPSK	1	25	20.14	20.19	20.32	20.15	20.10	21.50
10	QPSK	1	49	20.20	20.22	20.39	20.14	20.03	21.50
10	QPSK	25	0	19.90	19.98	20.02	19.92	19.85	21.50
10	QPSK	25	12	19.70	19.75	19.88	19.67	19.63	21.50
10	QPSK	25	25	19.78	19.77	19.99	19.71	19.74	21.50
10	QPSK	50	0	19.73	19.82	20.00	19.86	19.75	21.50
10	16QAM	1	0	19.81	19.77	19.90	19.69	19.68	21.50
10	16QAM	1	25	19.76	19.69	19.86	19.75	19.66	21.50
10	16QAM	1	49	19.85	19.86	19.94	19.86	19.82	21.50
10	16QAM	25	0	19.76	19.77	19.94	19.69	19.76	21.00
10	16QAM	25	12	19.76	19.75	19.91	19.75	19.75	21.00
10	16QAM	25	25	19.62	19.77	19.81	19.64	19.48	21.00
10	16QAM	50	0	19.79	19.70	19.88	19.55	19.62	21.00
10	64QAM	1	0	19.75	19.83	19.93	19.75	19.74	21.00
10	64QAM	1	25	19.62	19.61	19.83	19.66	19.59	21.00
10	64QAM	1	49	19.69	19.88	19.97	19.73	19.74	21.00
10	64QAM	25	0	18.66	18.74	18.80	18.56	18.62	20.00
10	64QAM	25	12	18.73	18.77	18.90	18.66	18.53	20.00
10	64QAM	25	25	18.72	18.76	18.96	18.70	18.67	20.00
10	64QAM	50	0	18.62	18.53	18.78	18.50	18.53	20.00
10	256QAM	1	0	16.60	16.67	16.78	16.73	16.57	18.00
10	256QAM	1	25	16.66	16.81	16.85	16.65	16.73	18.00
10	256QAM	1	49	16.57	16.65	16.83	16.51	16.68	18.00
10	256QAM	25	0	16.78	16.78	16.99	16.72	16.68	18.00
10	256QAM	25	12	16.79	16.84	16.93	16.82	16.64	18.00
10	256QAM	25	25	16.69	16.79	16.84	16.72	16.61	18.00
10	256QAM	50	0	16.79	16.74	16.92	16.63	16.74	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.34	20.34	20.46	20.24	20.28	21.50
5	QPSK	1	12	20.24	20.26	20.37	20.18	20.13	21.50
5	QPSK	1	24	20.16	20.17	20.30	20.10	19.98	21.50
5	QPSK	12	0	19.99	19.96	20.03	19.91	19.88	21.50
5	QPSK	12	7	19.68	19.74	19.90	19.72	19.71	21.50
5	QPSK	12	13	19.73	19.79	19.91	19.68	19.65	21.50
5	QPSK	25	0	19.75	19.70	19.98	19.79	19.79	21.50
5	16QAM	1	0	19.71	19.81	19.94	19.65	19.75	21.50
5	16QAM	1	12	19.66	19.66	19.90	19.69	19.60	21.50
5	16QAM	1	24	19.89	19.87	19.94	19.76	19.71	21.50
5	16QAM	12	0	19.69	19.78	19.90	19.65	19.76	21.00
5	16QAM	12	7	19.77	19.69	19.97	19.74	19.68	21.00
5	16QAM	12	13	19.62	19.77	19.88	19.61	19.48	21.00
5	16QAM	25	0	19.76	19.73	19.83	19.58	19.56	21.00
5	64QAM	1	0	19.74	19.81	19.98	19.73	19.78	21.00
5	64QAM	1	12	19.67	19.68	19.83	19.66	19.49	21.00
5	64QAM	1	24	19.79	19.80	19.98	19.76	19.81	21.00
5	64QAM	12	0	18.77	18.75	18.89	18.58	18.63	20.00
5	64QAM	12	7	18.67	18.76	18.82	18.74	18.61	20.00
5	64QAM	12	13	18.70	18.79	18.87	18.79	18.68	20.00
5	64QAM	25	0	18.56	18.51	18.69	18.50	18.43	20.00
5	256QAM	1	0	16.59	16.57	16.86	16.70	16.51	18.00
5	256QAM	1	12	16.67	16.74	16.85	16.68	16.65	18.00
5	256QAM	1	24	16.52	16.67	16.73	16.57	16.65	18.00
5	256QAM	12	0	16.77	16.89	16.98	16.63	16.78	18.00
5	256QAM	12	7	16.85	16.78	17.00	16.71	16.75	18.00
5	256QAM	12	13	16.64	16.68	16.87	16.67	16.58	18.00
5	256QAM	25	0	16.75	16.81	16.99	16.73	16.84	18.00



【LTE Band 41_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.92	21.95	22.05	21.89	21.88	23.00
20	QPSK	1	49	21.75	21.77	21.94	21.72	21.73	23.00
20	QPSK	1	99	21.71	21.81	21.92	21.71	21.60	23.00
20	QPSK	50	0	21.02	21.06	21.09	20.96	20.92	22.00
20	QPSK	50	24	20.77	20.80	21.02	20.79	20.75	22.00
20	QPSK	50	50	20.81	20.81	21.02	20.82	20.76	22.00
20	QPSK	100	0	20.81	20.84	21.07	20.90	20.83	22.00
20	16QAM	1	0	20.82	20.84	21.04	20.76	20.78	22.00
20	16QAM	1	49	20.77	20.79	20.97	20.77	20.74	22.00
20	16QAM	1	99	20.91	20.88	21.07	20.87	20.84	22.00
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00
20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.78	21.91	22.03	21.79	21.79	23.00
15	QPSK	1	37	21.65	21.71	21.84	21.64	21.68	23.00
15	QPSK	1	74	21.61	21.79	21.82	21.63	21.54	23.00
15	QPSK	36	0	20.91	21.01	20.95	20.86	20.78	22.00
15	QPSK	36	20	20.73	20.68	20.88	20.67	20.63	22.00
15	QPSK	36	39	20.78	20.77	20.98	20.68	20.73	22.00
15	QPSK	75	0	20.78	20.81	21.03	20.84	20.75	22.00
15	16QAM	1	0	20.77	20.81	21.00	20.62	20.71	22.00
15	16QAM	1	37	20.67	20.74	20.84	20.65	20.61	22.00
15	16QAM	1	74	20.81	20.76	20.96	20.77	20.78	22.00
15	16QAM	36	0	19.69	19.72	19.89	19.61	19.67	21.00
15	16QAM	36	20	19.76	19.72	20.00	19.71	19.69	21.00
15	16QAM	36	39	19.60	19.66	19.79	19.68	19.60	21.00
15	16QAM	75	0	19.73	19.76	19.92	19.60	19.60	21.00
15	64QAM	1	0	19.81	19.80	19.94	19.69	19.80	21.00
15	64QAM	1	37	19.60	19.59	19.87	19.64	19.57	21.00
15	64QAM	1	74	19.74	19.84	19.92	19.85	19.80	21.00
15	64QAM	36	0	18.77	18.72	18.83	18.63	18.64	20.00
15	64QAM	36	20	18.69	18.79	18.82	18.73	18.59	20.00
15	64QAM	36	39	18.59	18.77	18.89	18.74	18.70	20.00
15	64QAM	75	0	18.60	18.56	18.70	18.52	18.40	20.00
15	256QAM	1	0	16.57	16.57	16.81	16.72	16.59	18.00
15	256QAM	1	37	16.71	16.84	16.86	16.70	16.74	18.00
15	256QAM	1	74	16.52	16.70	16.82	16.48	16.68	18.00
15	256QAM	36	0	16.78	16.89	16.96	16.67	16.72	18.00
15	256QAM	36	20	16.87	16.78	16.93	16.80	16.64	18.00
15	256QAM	36	39	16.75	16.80	16.85	16.72	16.64	18.00
15	256QAM	75	0	16.82	16.83	17.00	16.71	16.82	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.87	21.90	21.92	21.84	21.81	23.00
10	QPSK	1	25	21.66	21.75	21.91	21.70	21.61	23.00
10	QPSK	1	49	21.57	21.79	21.84	21.59	21.52	23.00
10	QPSK	25	0	20.99	21.01	21.04	20.92	20.91	22.00
10	QPSK	25	12	20.68	20.77	20.89	20.71	20.67	22.00
10	QPSK	25	25	20.67	20.69	20.91	20.80	20.66	22.00
10	QPSK	50	0	20.76	20.82	20.95	20.83	20.74	22.00
10	16QAM	1	0	20.68	20.82	20.96	20.68	20.76	22.00
10	16QAM	1	25	20.64	20.78	20.84	20.68	20.62	22.00
10	16QAM	1	49	20.77	20.75	21.03	20.84	20.69	22.00



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10	16QAM	25	0	19.77	19.76	19.90	19.66	19.77	21.00
10	16QAM	25	12	19.72	19.71	19.96	19.71	19.71	21.00
10	16QAM	25	25	19.63	19.66	19.87	19.66	19.54	21.00
10	16QAM	50	0	19.78	19.67	19.82	19.61	19.60	21.00
10	64QAM	1	0	19.72	19.88	19.95	19.76	19.70	21.00
10	64QAM	1	25	19.61	19.69	19.79	19.62	19.60	21.00
10	64QAM	1	49	19.81	19.87	19.99	19.86	19.79	21.00
10	64QAM	25	0	18.74	18.73	18.84	18.54	18.64	20.00
10	64QAM	25	12	18.71	18.70	18.89	18.74	18.63	20.00
10	64QAM	25	25	18.60	18.81	18.87	18.81	18.69	20.00
10	64QAM	50	0	18.69	18.46	18.71	18.51	18.50	20.00
10	256QAM	1	0	16.62	16.59	16.88	16.66	16.55	18.00
10	256QAM	1	25	16.68	16.84	16.94	16.65	16.63	18.00
10	256QAM	1	49	16.52	16.62	16.83	16.55	16.62	18.00
10	256QAM	25	0	16.78	16.84	16.92	16.63	16.72	18.00
10	256QAM	25	12	16.87	16.81	16.99	16.80	16.75	18.00
10	256QAM	25	25	16.68	16.74	16.84	16.66	16.58	18.00
10	256QAM	50	0	16.76	16.75	16.94	16.65	16.73	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.83	21.80	22.01	21.82	21.86	23.00
5	QPSK	1	12	21.68	21.73	21.79	21.61	21.65	23.00
5	QPSK	1	24	21.64	21.67	21.83	21.62	21.58	23.00
5	QPSK	12	0	20.93	20.95	20.97	20.88	20.88	22.00
5	QPSK	12	7	20.73	20.65	20.90	20.66	20.60	22.00
5	QPSK	12	13	20.69	20.71	20.93	20.70	20.67	22.00
5	QPSK	25	0	20.67	20.76	20.99	20.78	20.74	22.00
5	16QAM	1	0	20.69	20.75	20.94	20.61	20.67	22.00
5	16QAM	1	12	20.73	20.71	20.89	20.72	20.63	22.00
5	16QAM	1	24	20.79	20.78	21.02	20.80	20.80	22.00
5	16QAM	12	0	19.75	19.80	19.87	19.66	19.66	21.00
5	16QAM	12	7	19.70	19.71	19.90	19.67	19.80	21.00
5	16QAM	12	13	19.62	19.79	19.82	19.60	19.51	21.00
5	16QAM	25	0	19.77	19.66	19.93	19.62	19.56	21.00
5	64QAM	1	0	19.75	19.79	19.96	19.68	19.72	21.00
5	64QAM	1	12	19.56	19.69	19.80	19.62	19.61	21.00
5	64QAM	1	24	19.72	19.76	19.90	19.79	19.74	21.00
5	64QAM	12	0	18.80	18.78	18.82	18.61	18.72	20.00
5	64QAM	12	7	18.72	18.81	18.88	18.70	18.65	20.00
5	64QAM	12	13	18.60	18.74	18.88	18.76	18.65	20.00
5	64QAM	25	0	18.69	18.53	18.75	18.44	18.41	20.00
5	256QAM	1	0	16.65	16.68	16.84	16.67	16.53	18.00
5	256QAM	1	12	16.68	16.80	16.89	16.59	16.76	18.00
5	256QAM	1	24	16.56	16.68	16.85	16.48	16.70	18.00
5	256QAM	12	0	16.81	16.81	16.98	16.65	16.75	18.00
5	256QAM	12	7	16.88	16.75	17.00	16.81	16.66	18.00
5	256QAM	12	13	16.68	16.71	16.83	16.65	16.59	18.00
5	256QAM	25	0	16.75	16.75	16.96	16.64	16.73	18.00

【LTE Band 41_Ant 4_DSI 12】

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	14.97	15.06	15.10	15.04	15.02	16.10
20	QPSK	1	49	14.97	14.97	15.01	14.87	14.94	16.10
20	QPSK	1	99	14.91	14.93	14.95	14.93	14.91	16.10
20	QPSK	50	0	14.91	14.89	15.05	15.01	14.98	16.10
20	QPSK	50	24	14.83	14.77	14.82	14.82	14.80	16.10
20	QPSK	50	50	14.79	14.84	14.75	14.78	14.87	16.10
20	QPSK	100	0	14.96	14.96	14.94	14.94	14.86	16.10
20	16QAM	1	0	14.92	14.91	15.07	14.97	14.91	16.10
20	16QAM	1	49	14.92	15.00	15.02	14.92	14.94	16.10
20	16QAM	1	99	14.95	14.92	14.95	14.86	14.97	16.10
20	16QAM	50	0	14.91	14.87	14.94	14.97	14.91	16.10
20	16QAM	50	24	14.88	14.95	15.02	14.94	14.87	16.10
20	16QAM	50	50	14.93	14.95	14.89	14.92	14.93	16.10
20	16QAM	100	0	14.98	14.95	15.00	14.99	14.89	16.10
20	64QAM	1	0	14.94	14.95	15.01	14.96	14.98	16.10
20	64QAM	1	49	14.89	14.88	14.92	14.93	14.97	16.10
20	64QAM	1	99	14.90	14.98	14.97	14.96	14.87	16.10
20	64QAM	50	0	14.85	14.89	15.02	14.90	14.82	16.10
20	64QAM	50	24	14.98	14.87	15.02	14.96	14.96	16.10



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20	64QAM	50	50	15.00	14.98	14.91	14.91	15.00	16.10
20	64QAM	100	0	14.90	14.90	14.91	15.00	14.96	16.10
20	256QAM	1	0	14.93	14.99	14.89	14.94	14.95	16.10
20	256QAM	1	49	15.02	14.95	14.94	14.85	14.88	16.10
20	256QAM	1	99	14.87	14.93	14.91	14.93	14.93	16.10
20	256QAM	50	0	14.94	14.84	14.95	14.91	14.95	16.10
20	256QAM	50	24	14.90	14.87	14.88	14.91	14.98	16.10
20	256QAM	50	50	14.99	15.02	14.96	14.88	14.92	16.10
20	256QAM	100	0	14.97	14.97	14.97	14.95	14.87	16.10
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	14.85	15.01	15.04	15.03	14.87	16.10
15	QPSK	1	37	14.92	14.82	14.94	14.86	14.90	16.10
15	QPSK	1	74	14.77	14.80	14.81	14.86	14.88	16.10
15	QPSK	36	0	14.81	14.77	14.96	14.83	14.69	16.10
15	QPSK	36	20	14.68	14.70	14.79	14.74	14.72	16.10
15	QPSK	36	39	14.74	14.71	14.67	14.65	14.78	16.10
15	QPSK	75	0	14.85	14.94	14.91	14.92	14.84	16.10
15	16QAM	1	0	14.84	14.88	14.99	14.92	14.88	16.10
15	16QAM	1	37	14.80	14.95	14.96	14.85	14.91	16.10
15	16QAM	1	74	14.91	14.88	14.87	14.74	14.91	16.10
15	16QAM	36	0	14.88	14.75	14.88	14.93	14.81	16.10
15	16QAM	36	20	14.73	14.85	14.96	14.79	14.76	16.10
15	16QAM	36	39	14.84	14.92	14.79	14.78	14.88	16.10
15	16QAM	75	0	14.91	14.92	14.89	14.90	14.74	16.10
15	64QAM	1	0	14.79	14.83	14.98	14.91	14.93	16.10
15	64QAM	1	37	14.78	14.74	14.84	14.83	14.89	16.10
15	64QAM	1	74	14.85	14.96	14.85	14.93	14.77	16.10
15	64QAM	36	0	14.74	14.80	14.88	14.84	14.72	16.10
15	64QAM	36	20	14.92	14.77	14.97	14.87	14.89	16.10
15	64QAM	36	39	14.93	14.93	14.79	14.79	14.99	16.10
15	64QAM	75	0	14.81	14.78	14.88	14.93	14.87	16.10
15	256QAM	1	0	14.90	14.95	14.76	14.85	14.90	16.10
15	256QAM	1	37	14.89	14.81	14.88	14.74	14.85	16.10
15	256QAM	1	74	14.82	14.80	14.78	14.80	14.80	16.10
15	256QAM	36	0	14.79	14.77	14.83	14.84	14.92	16.10
15	256QAM	36	20	14.78	14.86	14.82	14.79	14.85	16.10
15	256QAM	36	39	14.92	14.95	14.94	14.79	14.78	16.10
15	256QAM	75	0	14.93	14.95	14.85	14.87	14.84	16.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	14.87	14.92	15.09	14.92	14.96	16.10
10	QPSK	1	25	14.87	14.89	14.94	14.79	14.83	16.10
10	QPSK	1	49	14.87	14.92	14.87	14.79	14.85	16.10
10	QPSK	25	0	14.84	14.84	14.95	14.79	14.77	16.10
10	QPSK	25	12	14.78	14.66	14.68	14.79	14.66	16.10
10	QPSK	25	25	14.67	14.81	14.63	14.66	14.83	16.10
10	QPSK	50	0	14.94	14.85	14.88	14.89	14.84	16.10
10	16QAM	1	0	14.83	14.79	14.94	14.94	14.81	16.10
10	16QAM	1	25	14.82	14.96	15.00	14.86	14.80	16.10
10	16QAM	1	49	14.81	14.81	14.88	14.75	14.93	16.10
10	16QAM	25	0	14.81	14.72	14.83	14.83	14.89	16.10
10	16QAM	25	12	14.74	14.94	14.91	14.82	14.82	16.10
10	16QAM	25	25	14.86	14.94	14.84	14.91	14.88	16.10
10	16QAM	50	0	14.95	14.80	14.91	14.97	14.79	16.10
10	64QAM	1	0	14.84	14.87	15.00	14.82	14.94	16.10
10	64QAM	1	25	14.84	14.86	14.88	14.92	14.95	16.10
10	64QAM	1	49	14.76	14.88	14.90	14.90	14.82	16.10
10	64QAM	25	0	14.78	14.77	14.87	14.87	14.77	16.10
10	64QAM	25	12	14.87	14.72	14.90	14.89	14.87	16.10
10	64QAM	25	25	14.97	14.88	14.85	14.89	14.86	16.10
10	64QAM	50	0	14.77	14.78	14.78	14.98	14.92	16.10
10	256QAM	1	0	14.91	14.92	14.75	14.91	14.83	16.10
10	256QAM	1	25	14.95	14.90	14.89	14.82	14.80	16.10
10	256QAM	1	49	14.84	14.79	14.88	14.85	14.84	16.10
10	256QAM	25	0	14.83	14.69	14.88	14.78	14.92	16.10
10	256QAM	25	12	14.84	14.75	14.86	14.89	14.90	16.10
10	256QAM	25	25	14.94	14.92	14.92	14.82	14.82	16.10
10	256QAM	50	0	14.89	14.83	14.96	14.88	14.77	16.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	14.88	14.97	15.00	14.93	14.98	16.10
5	QPSK	1	12	14.89	14.89	14.99	14.76	14.89	16.10
5	QPSK	1	24	14.82	14.86	14.90	14.84	14.79	16.10
5	QPSK	12	0	14.90	14.84	14.91	14.75	14.77	16.10
5	QPSK	12	7	14.72	14.73	14.76	14.80	14.65	16.10
5	QPSK	12	13	14.70	14.73	14.66	14.75	14.72	16.10
5	QPSK	25	0	14.88	14.87	14.83	14.82	14.79	16.10



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5	16QAM	1	0	14.81	14.89	15.02	14.84	14.81	16.10
5	16QAM	1	12	14.89	14.92	14.93	14.82	14.81	16.10
5	16QAM	1	24	14.88	14.84	14.85	14.79	14.94	16.10
5	16QAM	12	0	14.90	14.77	14.91	14.82	14.83	16.10
5	16QAM	12	7	14.85	14.90	14.88	14.90	14.85	16.10
5	16QAM	12	13	14.81	14.91	14.83	14.86	14.81	16.10
5	16QAM	25	0	14.91	14.83	14.88	14.91	14.80	16.10
5	64QAM	1	0	14.84	14.92	14.95	14.85	14.87	16.10
5	64QAM	1	12	14.85	14.75	14.82	14.82	14.92	16.10
5	64QAM	1	24	14.81	14.86	14.85	14.87	14.78	16.10
5	64QAM	12	0	14.82	14.76	14.98	14.82	14.69	16.10
5	64QAM	12	7	14.88	14.84	14.91	14.90	14.94	16.10
5	64QAM	12	13	14.97	14.83	14.90	14.83	14.86	16.10
5	64QAM	25	0	14.78	14.77	14.85	14.88	14.84	16.10
5	256QAM	1	0	14.87	14.98	14.75	14.84	14.89	16.10
5	256QAM	1	12	14.93	14.88	14.91	14.81	14.73	16.10
5	256QAM	1	24	14.84	14.82	14.84	14.83	14.80	16.10
5	256QAM	12	0	14.85	14.73	14.81	14.86	14.93	16.10
5	256QAM	12	7	14.85	14.78	14.80	14.88	14.85	16.10
5	256QAM	12	13	14.91	14.99	14.87	14.86	14.80	16.10
5	256QAM	25	0	14.87	14.85	14.87	14.91	14.75	16.10

【LTE Band 41_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.42	20.45	20.55	20.39	20.38	21.50
20	QPSK	1	49	20.25	20.27	20.44	20.22	20.23	21.50
20	QPSK	1	99	20.21	20.31	20.42	20.21	20.10	21.50
20	QPSK	50	0	20.02	20.06	20.09	19.96	19.92	21.50
20	QPSK	50	24	19.77	19.80	20.02	19.79	19.75	21.50
20	QPSK	50	50	19.81	19.81	20.02	19.82	19.76	21.50
20	QPSK	100	0	19.81	19.84	20.07	19.90	19.83	21.50
20	16QAM	1	0	19.82	19.84	20.04	19.76	19.78	21.50
20	16QAM	1	49	19.77	19.79	19.97	19.77	19.74	21.50
20	16QAM	1	99	19.91	19.88	20.07	19.87	19.84	21.50
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00
20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
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	20.35	20.44	20.43	20.31	20.33	21.50
15	QPSK	1	37	20.23	20.18	20.41	20.15	20.14	21.50
15	QPSK	1	74	20.13	20.17	20.36	20.18	19.98	21.50
15	QPSK	36	0	19.93	20.03	19.97	19.91	19.83	21.50
15	QPSK	36	20	19.75	19.77	20.01	19.71	19.72	21.50
15	QPSK	36	39	19.68	19.69	19.90	19.73	19.74	21.50
15	QPSK	75	0	19.69	19.73	19.96	19.85	19.81	21.50
15	16QAM	1	0	19.73	19.72	19.90	19.66	19.76	21.50
15	16QAM	1	37	19.64	19.68	19.95	19.75	19.72	21.50
15	16QAM	1	74	19.85	19.77	19.94	19.81	19.74	21.50
15	16QAM	36	0	19.71	19.75	19.86	19.63	19.66	21.00
15	16QAM	36	20	19.72	19.77	19.97	19.75	19.75	21.00
15	16QAM	36	39	19.53	19.72	19.77	19.61	19.53	21.00
15	16QAM	75	0	19.75	19.79	19.94	19.62	19.57	21.00
15	64QAM	1	0	19.75	19.82	20.04	19.71	19.78	21.00
15	64QAM	1	37	19.66	19.65	19.77	19.59	19.57	21.00



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15	64QAM	1	74	19.77	19.84	20.02	19.79	19.80	21.00
15	64QAM	36	0	18.67	18.79	18.83	18.59	18.64	20.00
15	64QAM	36	20	18.68	18.79	18.86	18.65	18.55	20.00
15	64QAM	36	39	18.70	18.73	18.92	18.74	18.71	20.00
15	64QAM	75	0	18.66	18.46	18.69	18.48	18.46	20.00
15	256QAM	1	0	16.53	16.57	16.88	16.73	16.64	18.00
15	256QAM	1	37	16.71	16.74	16.82	16.65	16.72	18.00
15	256QAM	1	74	16.62	16.60	16.86	16.49	16.63	18.00
15	256QAM	36	0	16.78	16.86	16.98	16.70	16.71	18.00
15	256QAM	36	20	16.85	16.72	17.03	16.78	16.78	18.00
15	256QAM	36	39	16.75	16.78	16.91	16.72	16.62	18.00
15	256QAM	75	0	16.70	16.74	16.92	16.72	16.73	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.29	20.41	20.41	20.37	20.23	21.50
10	QPSK	1	25	20.14	20.19	20.32	20.15	20.10	21.50
10	QPSK	1	49	20.20	20.22	20.39	20.14	20.03	21.50
10	QPSK	25	0	19.90	19.98	20.02	19.92	19.85	21.50
10	QPSK	25	12	19.70	19.75	19.88	19.67	19.63	21.50
10	QPSK	25	25	19.78	19.77	19.99	19.71	19.74	21.50
10	QPSK	50	0	19.73	19.82	20.00	19.86	19.75	21.50
10	16QAM	1	0	19.81	19.77	19.90	19.69	19.68	21.50
10	16QAM	1	25	19.76	19.69	19.86	19.75	19.66	21.50
10	16QAM	1	49	19.85	19.86	19.94	19.86	19.82	21.50
10	16QAM	25	0	19.76	19.77	19.94	19.69	19.76	21.00
10	16QAM	25	12	19.76	19.75	19.91	19.75	19.75	21.00
10	16QAM	25	25	19.62	19.77	19.81	19.64	19.48	21.00
10	16QAM	50	0	19.79	19.70	19.88	19.55	19.62	21.00
10	64QAM	1	0	19.75	19.83	19.93	19.75	19.74	21.00
10	64QAM	1	25	19.62	19.61	19.83	19.66	19.59	21.00
10	64QAM	1	49	19.69	19.88	19.97	19.73	19.74	21.00
10	64QAM	25	0	18.66	18.74	18.80	18.56	18.62	20.00
10	64QAM	25	12	18.73	18.77	18.90	18.66	18.53	20.00
10	64QAM	25	25	18.72	18.76	18.96	18.70	18.67	20.00
10	64QAM	50	0	18.62	18.53	18.78	18.50	18.53	20.00
10	256QAM	1	0	16.60	16.67	16.78	16.73	16.57	18.00
10	256QAM	1	25	16.66	16.81	16.85	16.65	16.73	18.00
10	256QAM	1	49	16.57	16.65	16.83	16.51	16.68	18.00
10	256QAM	25	0	16.78	16.78	16.99	16.72	16.68	18.00
10	256QAM	25	12	16.79	16.84	16.93	16.82	16.64	18.00
10	256QAM	25	25	16.69	16.79	16.84	16.72	16.61	18.00
10	256QAM	50	0	16.79	16.74	16.92	16.63	16.74	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.34	20.34	20.46	20.24	20.28	21.50
5	QPSK	1	12	20.24	20.26	20.37	20.18	20.13	21.50
5	QPSK	1	24	20.16	20.17	20.30	20.10	19.98	21.50
5	QPSK	12	0	19.99	19.96	20.03	19.91	19.88	21.50
5	QPSK	12	7	19.68	19.74	19.90	19.72	19.71	21.50
5	QPSK	12	13	19.73	19.79	19.91	19.68	19.65	21.50
5	QPSK	25	0	19.75	19.70	19.98	19.79	19.79	21.50
5	16QAM	1	0	19.71	19.81	19.94	19.65	19.75	21.50
5	16QAM	1	12	19.66	19.66	19.90	19.69	19.60	21.50
5	16QAM	1	24	19.89	19.87	19.94	19.76	19.71	21.50
5	16QAM	12	0	19.69	19.78	19.90	19.65	19.76	21.00
5	16QAM	12	7	19.77	19.69	19.97	19.74	19.68	21.00
5	16QAM	12	13	19.62	19.77	19.88	19.61	19.48	21.00
5	16QAM	25	0	19.76	19.73	19.83	19.58	19.56	21.00
5	64QAM	1	0	19.74	19.81	19.98	19.73	19.78	21.00
5	64QAM	1	12	19.67	19.68	19.83	19.66	19.49	21.00
5	64QAM	1	24	19.79	19.80	19.98	19.76	19.81	21.00
5	64QAM	12	0	18.77	18.75	18.89	18.58	18.63	20.00
5	64QAM	12	7	18.67	18.76	18.82	18.74	18.61	20.00
5	64QAM	12	13	18.70	18.79	18.87	18.79	18.68	20.00
5	64QAM	25	0	18.56	18.51	18.69	18.50	18.43	20.00
5	256QAM	1	0	16.59	16.57	16.86	16.70	16.51	18.00
5	256QAM	1	12	16.67	16.74	16.85	16.68	16.65	18.00
5	256QAM	1	24	16.52	16.67	16.73	16.57	16.65	18.00
5	256QAM	12	0	16.77	16.89	16.98	16.63	16.78	18.00
5	256QAM	12	7	16.85	16.78	17.00	16.71	16.75	18.00
5	256QAM	12	13	16.64	16.68	16.87	16.67	16.58	18.00
5	256QAM	25	0	16.75	16.81	16.99	16.73	16.84	18.00



【LTE Band 41_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.92	21.95	22.05	21.89	21.88	23.00
20	QPSK	1	49	21.75	21.77	21.94	21.72	21.73	23.00
20	QPSK	1	99	21.71	21.81	21.92	21.71	21.60	23.00
20	QPSK	50	0	21.02	21.06	21.09	20.96	20.92	22.00
20	QPSK	50	24	20.77	20.80	21.02	20.79	20.75	22.00
20	QPSK	50	50	20.81	20.81	21.02	20.82	20.76	22.00
20	QPSK	100	0	20.81	20.84	21.07	20.90	20.83	22.00
20	16QAM	1	0	20.82	20.84	21.04	20.76	20.78	22.00
20	16QAM	1	49	20.77	20.79	20.97	20.77	20.74	22.00
20	16QAM	1	99	20.91	20.88	21.07	20.87	20.84	22.00
20	16QAM	50	0	19.82	19.83	19.98	19.74	19.78	21.00
20	16QAM	50	24	19.83	19.80	20.01	19.79	19.83	21.00
20	16QAM	50	50	19.66	19.80	19.90	19.73	19.62	21.00
20	16QAM	100	0	19.82	19.80	19.97	19.70	19.70	21.00
20	64QAM	1	0	19.85	19.92	20.05	19.78	19.83	21.00
20	64QAM	1	49	19.70	19.74	19.88	19.68	19.64	21.00
20	64QAM	1	99	19.83	19.90	20.04	19.87	19.83	21.00
20	64QAM	50	0	18.81	18.81	18.94	18.66	18.77	20.00
20	64QAM	50	24	18.76	18.83	18.93	18.77	18.67	20.00
20	64QAM	50	50	18.74	18.83	18.98	18.82	18.74	20.00
20	64QAM	100	0	18.70	18.60	18.83	18.57	18.54	20.00
20	256QAM	1	0	16.67	16.71	16.91	16.77	16.65	18.00
20	256QAM	1	49	16.80	16.85	16.96	16.73	16.78	18.00
20	256QAM	1	99	16.66	16.71	16.87	16.61	16.73	18.00
20	256QAM	50	0	16.87	16.92	17.04	16.77	16.79	18.00
20	256QAM	50	24	16.90	16.87	17.05	16.83	16.79	18.00
20	256QAM	50	50	16.79	16.83	16.98	16.76	16.73	18.00
20	256QAM	100	0	16.83	16.84	17.02	16.76	16.85	18.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.78	21.91	22.03	21.79	21.79	23.00
15	QPSK	1	37	21.65	21.71	21.84	21.64	21.68	23.00
15	QPSK	1	74	21.61	21.79	21.82	21.63	21.54	23.00
15	QPSK	36	0	20.91	21.01	20.95	20.86	20.78	22.00
15	QPSK	36	20	20.73	20.68	20.88	20.67	20.63	22.00
15	QPSK	36	39	20.78	20.77	20.98	20.68	20.73	22.00
15	QPSK	75	0	20.78	20.81	21.03	20.84	20.75	22.00
15	16QAM	1	0	20.77	20.81	21.00	20.62	20.71	22.00
15	16QAM	1	37	20.67	20.74	20.84	20.65	20.61	22.00
15	16QAM	1	74	20.81	20.76	20.96	20.77	20.78	22.00
15	16QAM	36	0	19.69	19.72	19.89	19.61	19.67	21.00
15	16QAM	36	20	19.76	19.72	20.00	19.71	19.69	21.00
15	16QAM	36	39	19.60	19.66	19.79	19.68	19.60	21.00
15	16QAM	75	0	19.73	19.76	19.92	19.60	19.60	21.00
15	64QAM	1	0	19.81	19.80	19.94	19.69	19.80	21.00
15	64QAM	1	37	19.60	19.59	19.87	19.64	19.57	21.00
15	64QAM	1	74	19.74	19.84	19.92	19.85	19.80	21.00
15	64QAM	36	0	18.77	18.72	18.83	18.63	18.64	20.00
15	64QAM	36	20	18.69	18.79	18.82	18.73	18.59	20.00
15	64QAM	36	39	18.59	18.77	18.89	18.74	18.70	20.00
15	64QAM	75	0	18.60	18.56	18.70	18.52	18.40	20.00
15	256QAM	1	0	16.57	16.57	16.81	16.72	16.59	18.00
15	256QAM	1	37	16.71	16.84	16.86	16.70	16.74	18.00
15	256QAM	1	74	16.52	16.70	16.82	16.48	16.68	18.00
15	256QAM	36	0	16.78	16.89	16.96	16.67	16.72	18.00
15	256QAM	36	20	16.87	16.78	16.93	16.80	16.64	18.00
15	256QAM	36	39	16.75	16.80	16.85	16.72	16.64	18.00
15	256QAM	75	0	16.82	16.83	17.00	16.71	16.82	18.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.87	21.90	21.92	21.84	21.81	23.00
10	QPSK	1	25	21.66	21.75	21.91	21.70	21.61	23.00
10	QPSK	1	49	21.57	21.79	21.84	21.59	21.52	23.00
10	QPSK	25	0	20.99	21.01	21.04	20.92	20.91	22.00
10	QPSK	25	12	20.68	20.77	20.89	20.71	20.67	22.00
10	QPSK	25	25	20.67	20.69	20.91	20.80	20.66	22.00
10	QPSK	50	0	20.76	20.82	20.95	20.83	20.74	22.00
10	16QAM	1	0	20.68	20.82	20.96	20.68	20.76	22.00
10	16QAM	1	25	20.64	20.78	20.84	20.68	20.62	22.00
10	16QAM	1	49	20.77	20.75	21.03	20.84	20.69	22.00



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10	16QAM	25	0	19.77	19.76	19.90	19.66	19.77	21.00
10	16QAM	25	12	19.72	19.71	19.96	19.71	19.71	21.00
10	16QAM	25	25	19.63	19.66	19.87	19.66	19.54	21.00
10	16QAM	50	0	19.78	19.67	19.82	19.61	19.60	21.00
10	64QAM	1	0	19.72	19.88	19.95	19.76	19.70	21.00
10	64QAM	1	25	19.61	19.69	19.79	19.62	19.60	21.00
10	64QAM	1	49	19.81	19.87	19.99	19.86	19.79	21.00
10	64QAM	25	0	18.74	18.73	18.84	18.54	18.64	20.00
10	64QAM	25	12	18.71	18.70	18.89	18.74	18.63	20.00
10	64QAM	25	25	18.60	18.81	18.87	18.81	18.69	20.00
10	64QAM	50	0	18.69	18.46	18.71	18.51	18.50	20.00
10	256QAM	1	0	16.62	16.59	16.88	16.66	16.55	18.00
10	256QAM	1	25	16.68	16.84	16.94	16.65	16.63	18.00
10	256QAM	1	49	16.52	16.62	16.83	16.55	16.62	18.00
10	256QAM	25	0	16.78	16.84	16.92	16.63	16.72	18.00
10	256QAM	25	12	16.87	16.81	16.99	16.80	16.75	18.00
10	256QAM	25	25	16.68	16.74	16.84	16.66	16.58	18.00
10	256QAM	50	0	16.76	16.75	16.94	16.65	16.73	18.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.83	21.80	22.01	21.82	21.86	23.00
5	QPSK	1	12	21.68	21.73	21.79	21.61	21.65	23.00
5	QPSK	1	24	21.64	21.67	21.83	21.62	21.58	23.00
5	QPSK	12	0	20.93	20.95	20.97	20.88	20.88	22.00
5	QPSK	12	7	20.73	20.65	20.90	20.66	20.60	22.00
5	QPSK	12	13	20.69	20.71	20.93	20.70	20.67	22.00
5	QPSK	25	0	20.67	20.76	20.99	20.78	20.74	22.00
5	16QAM	1	0	20.69	20.75	20.94	20.61	20.67	22.00
5	16QAM	1	12	20.73	20.71	20.89	20.72	20.63	22.00
5	16QAM	1	24	20.79	20.78	21.02	20.80	20.80	22.00
5	16QAM	12	0	19.75	19.80	19.87	19.66	19.66	21.00
5	16QAM	12	7	19.70	19.71	19.90	19.67	19.80	21.00
5	16QAM	12	13	19.62	19.79	19.82	19.60	19.51	21.00
5	16QAM	25	0	19.77	19.66	19.93	19.62	19.56	21.00
5	64QAM	1	0	19.75	19.79	19.96	19.68	19.72	21.00
5	64QAM	1	12	19.56	19.69	19.80	19.62	19.61	21.00
5	64QAM	1	24	19.72	19.76	19.90	19.79	19.74	21.00
5	64QAM	12	0	18.80	18.78	18.82	18.61	18.72	20.00
5	64QAM	12	7	18.72	18.81	18.88	18.70	18.65	20.00
5	64QAM	12	13	18.60	18.74	18.88	18.76	18.65	20.00
5	64QAM	25	0	18.69	18.53	18.75	18.44	18.41	20.00
5	256QAM	1	0	16.65	16.68	16.84	16.67	16.53	18.00
5	256QAM	1	12	16.68	16.80	16.89	16.59	16.76	18.00
5	256QAM	1	24	16.56	16.68	16.85	16.48	16.70	18.00
5	256QAM	12	0	16.81	16.81	16.98	16.65	16.75	18.00
5	256QAM	12	7	16.88	16.75	17.00	16.81	16.66	18.00
5	256QAM	12	13	16.68	16.71	16.83	16.65	16.59	18.00
5	256QAM	25	0	16.75	16.75	16.96	16.64	16.73	18.00

【LTE Band 41_HPUE_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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.84	24.81	24.89	24.82	24.77	26.00
20	QPSK	1	49	24.47	24.48	24.61	24.41	24.45	26.00
20	QPSK	1	99	24.52	24.54	24.72	24.60	24.50	26.00
20	QPSK	50	0	23.85	23.82	23.87	23.81	23.69	25.00
20	QPSK	50	24	23.60	23.55	23.70	23.61	23.45	25.00
20	QPSK	50	50	23.62	23.53	23.71	23.61	23.49	25.00
20	QPSK	100	0	23.63	23.69	23.79	23.58	23.54	25.00
20	16QAM	1	0	23.66	23.70	23.85	23.73	23.70	25.00
20	16QAM	1	49	23.68	23.56	23.77	23.62	23.63	25.00
20	16QAM	1	99	23.66	23.65	23.76	23.58	23.60	25.00
20	16QAM	50	0	22.53	22.55	22.69	22.61	22.50	24.00
20	16QAM	50	24	22.69	22.71	22.85	22.65	22.67	24.00
20	16QAM	50	50	22.62	22.69	22.81	22.72	22.59	24.00
20	16QAM	100	0	22.58	22.67	22.77	22.65	22.54	24.00
20	64QAM	1	0	22.71	22.75	22.90	22.76	22.74	24.00
20	64QAM	1	49	22.65	22.68	22.77	22.57	22.52	24.00
20	64QAM	1	99	22.75	22.63	22.84	22.70	22.59	24.00
20	64QAM	50	0	21.78	21.77	21.87	21.75	21.64	23.00
20	64QAM	50	24	21.71	21.65	21.82	21.71	21.67	23.00



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20	64QAM	50	50	21.83	21.80	21.91	21.82	21.77	23.00
20	64QAM	100	0	21.73	21.66	21.83	21.66	21.64	23.00
20	256QAM	1	0	19.73	19.78	19.91	19.76	19.75	21.00
20	256QAM	1	49	19.63	19.66	19.79	19.59	19.55	21.00
20	256QAM	1	99	19.67	19.70	19.85	19.76	19.74	21.00
20	256QAM	50	0	19.78	19.68	19.83	19.65	19.68	21.00
20	256QAM	50	24	19.70	19.66	19.82	19.65	19.68	21.00
20	256QAM	50	50	19.68	19.65	19.85	19.73	19.62	21.00
20	256QAM	100	0	19.58	19.58	19.69	19.51	19.58	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.80	24.73	24.85	24.79	24.70	26.00
15	QPSK	1	37	24.33	24.35	24.46	24.27	24.36	26.00
15	QPSK	1	74	24.46	24.45	24.67	24.46	24.41	26.00
15	QPSK	36	0	23.83	23.79	23.73	23.79	23.68	25.00
15	QPSK	36	20	23.52	23.46	23.68	23.48	23.34	25.00
15	QPSK	36	39	23.59	23.51	23.70	23.51	23.39	25.00
15	QPSK	75	0	23.49	23.61	23.74	23.43	23.40	25.00
15	16QAM	1	0	23.62	23.68	23.74	23.68	23.60	25.00
15	16QAM	1	37	23.56	23.51	23.68	23.52	23.57	25.00
15	16QAM	1	74	23.63	23.52	23.67	23.53	23.45	25.00
15	16QAM	36	0	22.42	22.44	22.66	22.54	22.37	24.00
15	16QAM	36	20	22.54	22.59	22.80	22.54	22.56	24.00
15	16QAM	36	39	22.54	22.60	22.80	22.59	22.50	24.00
15	16QAM	75	0	22.47	22.53	22.67	22.57	22.51	24.00
15	64QAM	1	0	22.57	22.67	22.77	22.65	22.72	24.00
15	64QAM	1	37	22.54	22.57	22.72	22.49	22.43	24.00
15	64QAM	1	74	22.60	22.55	22.80	22.57	22.46	24.00
15	64QAM	36	0	21.77	21.67	21.77	21.70	21.50	23.00
15	64QAM	36	20	21.63	21.56	21.69	21.63	21.57	23.00
15	64QAM	36	39	21.79	21.72	21.83	21.72	21.63	23.00
15	64QAM	75	0	21.66	21.60	21.68	21.57	21.54	23.00
15	256QAM	1	0	19.62	19.70	19.86	19.67	19.61	21.00
15	256QAM	1	37	19.52	19.60	19.72	19.46	19.49	21.00
15	256QAM	1	74	19.57	19.65	19.84	19.69	19.72	21.00
15	256QAM	36	0	19.64	19.54	19.69	19.62	19.65	21.00
15	256QAM	36	20	19.58	19.62	19.70	19.59	19.54	21.00
15	256QAM	36	39	19.61	19.62	19.79	19.65	19.53	21.00
15	256QAM	75	0	19.43	19.51	19.66	19.38	19.51	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.78	24.73	24.74	24.75	24.72	26.00
10	QPSK	1	25	24.42	24.40	24.52	24.28	24.40	26.00
10	QPSK	1	49	24.37	24.50	24.63	24.56	24.47	26.00
10	QPSK	25	0	23.82	23.78	23.83	23.76	23.61	25.00
10	QPSK	25	12	23.56	23.53	23.67	23.54	23.33	25.00
10	QPSK	25	25	23.60	23.45	23.57	23.56	23.38	25.00
10	QPSK	50	0	23.57	23.57	23.73	23.50	23.48	25.00
10	16QAM	1	0	23.64	23.69	23.82	23.69	23.68	25.00
10	16QAM	1	25	23.61	23.45	23.71	23.51	23.61	25.00
10	16QAM	1	49	23.55	23.58	23.72	23.47	23.48	25.00
10	16QAM	25	0	22.48	22.42	22.55	22.59	22.47	24.00
10	16QAM	25	12	22.56	22.63	22.80	22.52	22.58	24.00
10	16QAM	25	25	22.58	22.62	22.68	22.67	22.49	24.00
10	16QAM	50	0	22.49	22.66	22.62	22.60	22.47	24.00
10	64QAM	1	0	22.58	22.72	22.86	22.72	22.64	24.00
10	64QAM	1	25	22.60	22.57	22.63	22.51	22.50	24.00
10	64QAM	1	49	22.62	22.48	22.83	22.61	22.55	24.00
10	64QAM	25	0	21.71	21.65	21.84	21.71	21.53	23.00
10	64QAM	25	12	21.68	21.58	21.75	21.70	21.62	23.00
10	64QAM	25	25	21.82	21.73	21.80	21.80	21.64	23.00
10	64QAM	50	0	21.70	21.55	21.76	21.62	21.62	23.00
10	256QAM	1	0	19.62	19.69	19.80	19.62	19.61	21.00
10	256QAM	1	25	19.59	19.56	19.69	19.46	19.42	21.00
10	256QAM	1	49	19.64	19.61	19.79	19.66	19.71	21.00
10	256QAM	25	0	19.68	19.66	19.81	19.55	19.59	21.00
10	256QAM	25	12	19.58	19.64	19.68	19.59	19.66	21.00
10	256QAM	25	25	19.56	19.63	19.80	19.66	19.52	21.00
10	256QAM	50	0	19.44	19.53	19.66	19.49	19.47	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.79	24.77	24.88	24.81	24.72	26.00
5	QPSK	1	12	24.40	24.46	24.58	24.39	24.35	26.00
5	QPSK	1	24	24.50	24.41	24.71	24.56	24.42	26.00
5	QPSK	12	0	23.76	23.70	23.76	23.74	23.62	25.00
5	QPSK	12	7	23.56	23.51	23.68	23.55	23.41	25.00
5	QPSK	12	13	23.53	23.45	23.57	23.50	23.36	25.00
5	QPSK	25	0	23.54	23.63	23.65	23.55	23.52	25.00



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5	16QAM	1	0	23.56	23.67	23.81	23.71	23.57	25.00
5	16QAM	1	12	23.63	23.53	23.65	23.61	23.61	25.00
5	16QAM	1	24	23.57	23.58	23.62	23.44	23.51	25.00
5	16QAM	12	0	22.43	22.41	22.55	22.56	22.38	24.00
5	16QAM	12	7	22.62	22.64	22.77	22.62	22.63	24.00
5	16QAM	12	13	22.48	22.58	22.75	22.64	22.45	24.00
5	16QAM	25	0	22.44	22.60	22.66	22.61	22.46	24.00
5	64QAM	1	0	22.65	22.67	22.75	22.71	22.65	24.00
5	64QAM	1	12	22.62	22.57	22.70	22.52	22.47	24.00
5	64QAM	1	24	22.67	22.59	22.71	22.68	22.55	24.00
5	64QAM	12	0	21.71	21.73	21.85	21.72	21.50	23.00
5	64QAM	12	7	21.69	21.58	21.75	21.67	21.63	23.00
5	64QAM	12	13	21.82	21.79	21.83	21.67	21.67	23.00
5	64QAM	25	0	21.65	21.63	21.73	21.57	21.53	23.00
5	256QAM	1	0	19.58	19.68	19.79	19.67	19.64	21.00
5	256QAM	1	12	19.57	19.62	19.72	19.45	19.46	21.00
5	256QAM	1	24	19.56	19.59	19.81	19.71	19.70	21.00
5	256QAM	12	0	19.71	19.57	19.78	19.63	19.57	21.00
5	256QAM	12	7	19.58	19.56	19.79	19.63	19.61	21.00
5	256QAM	12	13	19.59	19.61	19.76	19.63	19.54	21.00
5	256QAM	25	0	19.55	19.52	19.56	19.43	19.46	21.00

【LTE Band 41_HPUE_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.84	24.81	24.89	24.82	24.77	26.00
20	QPSK	1	49	24.47	24.48	24.61	24.41	24.45	26.00
20	QPSK	1	99	24.52	24.54	24.72	24.60	24.50	26.00
20	QPSK	50	0	23.85	23.82	23.87	23.81	23.69	25.00
20	QPSK	50	24	23.60	23.55	23.70	23.61	23.45	25.00
20	QPSK	50	50	23.62	23.53	23.71	23.61	23.49	25.00
20	QPSK	100	0	23.63	23.69	23.79	23.58	23.54	25.00
20	16QAM	1	0	23.66	23.70	23.85	23.73	23.70	25.00
20	16QAM	1	49	23.68	23.56	23.77	23.62	23.63	25.00
20	16QAM	1	99	23.66	23.65	23.76	23.58	23.60	25.00
20	16QAM	50	0	22.53	22.55	22.69	22.61	22.50	24.00
20	16QAM	50	24	22.69	22.71	22.85	22.65	22.67	24.00
20	16QAM	50	50	22.62	22.69	22.81	22.72	22.59	24.00
20	16QAM	100	0	22.58	22.67	22.77	22.65	22.54	24.00
20	64QAM	1	0	22.71	22.75	22.90	22.76	22.74	24.00
20	64QAM	1	49	22.65	22.68	22.77	22.57	22.52	24.00
20	64QAM	1	99	22.75	22.63	22.84	22.70	22.59	24.00
20	64QAM	50	0	21.78	21.77	21.87	21.75	21.64	23.00
20	64QAM	50	24	21.71	21.65	21.82	21.71	21.67	23.00
20	64QAM	50	50	21.83	21.80	21.91	21.82	21.77	23.00
20	64QAM	100	0	21.73	21.66	21.83	21.66	21.64	23.00
20	256QAM	1	0	19.73	19.78	19.91	19.76	19.75	21.00
20	256QAM	1	49	19.63	19.66	19.79	19.59	19.55	21.00
20	256QAM	1	99	19.67	19.70	19.85	19.76	19.74	21.00
20	256QAM	50	0	19.78	19.68	19.83	19.65	19.68	21.00
20	256QAM	50	24	19.70	19.66	19.82	19.65	19.68	21.00
20	256QAM	50	50	19.68	19.65	19.85	19.73	19.62	21.00
20	256QAM	100	0	19.58	19.58	19.69	19.51	19.58	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.80	24.73	24.85	24.79	24.70	26.00
15	QPSK	1	37	24.33	24.35	24.46	24.27	24.36	26.00
15	QPSK	1	74	24.46	24.45	24.67	24.46	24.41	26.00
15	QPSK	36	0	23.83	23.79	23.73	23.79	23.68	25.00
15	QPSK	36	20	23.52	23.46	23.68	23.48	23.34	25.00
15	QPSK	36	39	23.59	23.51	23.70	23.51	23.39	25.00
15	QPSK	75	0	23.49	23.61	23.74	23.43	23.40	25.00
15	16QAM	1	0	23.62	23.68	23.74	23.68	23.60	25.00
15	16QAM	1	37	23.56	23.51	23.68	23.52	23.57	25.00
15	16QAM	1	74	23.63	23.52	23.67	23.53	23.45	25.00
15	16QAM	36	0	22.42	22.44	22.66	22.54	22.37	24.00
15	16QAM	36	20	22.54	22.59	22.80	22.54	22.56	24.00
15	16QAM	36	39	22.54	22.60	22.80	22.59	22.50	24.00
15	16QAM	75	0	22.47	22.53	22.67	22.57	22.51	24.00
15	64QAM	1	0	22.57	22.67	22.77	22.65	22.72	24.00
15	64QAM	1	37	22.54	22.57	22.72	22.49	22.43	24.00



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15	64QAM	1	74	22.60	22.55	22.80	22.57	22.46	24.00
15	64QAM	36	0	21.77	21.67	21.77	21.70	21.50	23.00
15	64QAM	36	20	21.63	21.56	21.69	21.63	21.57	23.00
15	64QAM	36	39	21.79	21.72	21.83	21.72	21.63	23.00
15	64QAM	75	0	21.66	21.60	21.68	21.57	21.54	23.00
15	256QAM	1	0	19.62	19.70	19.86	19.67	19.61	21.00
15	256QAM	1	37	19.52	19.60	19.72	19.46	19.49	21.00
15	256QAM	1	74	19.57	19.65	19.84	19.69	19.72	21.00
15	256QAM	36	0	19.64	19.54	19.69	19.62	19.65	21.00
15	256QAM	36	20	19.58	19.62	19.70	19.59	19.54	21.00
15	256QAM	36	39	19.61	19.62	19.79	19.65	19.53	21.00
15	256QAM	75	0	19.43	19.51	19.66	19.38	19.51	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.78	24.73	24.74	24.75	24.72	26.00
10	QPSK	1	25	24.42	24.40	24.52	24.28	24.40	26.00
10	QPSK	1	49	24.37	24.50	24.63	24.56	24.47	26.00
10	QPSK	25	0	23.82	23.78	23.83	23.76	23.61	25.00
10	QPSK	25	12	23.56	23.53	23.67	23.54	23.33	25.00
10	QPSK	25	25	23.60	23.45	23.57	23.56	23.38	25.00
10	QPSK	50	0	23.57	23.57	23.73	23.50	23.48	25.00
10	16QAM	1	0	23.64	23.69	23.82	23.69	23.68	25.00
10	16QAM	1	25	23.61	23.45	23.71	23.51	23.61	25.00
10	16QAM	1	49	23.55	23.58	23.72	23.47	23.48	25.00
10	16QAM	25	0	22.48	22.42	22.55	22.59	22.47	24.00
10	16QAM	25	12	22.56	22.63	22.80	22.52	22.58	24.00
10	16QAM	25	25	22.58	22.62	22.68	22.67	22.49	24.00
10	16QAM	50	0	22.49	22.66	22.62	22.60	22.47	24.00
10	64QAM	1	0	22.58	22.72	22.86	22.72	22.64	24.00
10	64QAM	1	25	22.60	22.57	22.63	22.51	22.50	24.00
10	64QAM	1	49	22.62	22.48	22.83	22.61	22.55	24.00
10	64QAM	25	0	21.71	21.65	21.84	21.71	21.53	23.00
10	64QAM	25	12	21.68	21.58	21.75	21.70	21.62	23.00
10	64QAM	25	25	21.82	21.73	21.80	21.80	21.64	23.00
10	64QAM	50	0	21.70	21.55	21.76	21.62	21.62	23.00
10	256QAM	1	0	19.62	19.69	19.80	19.62	19.61	21.00
10	256QAM	1	25	19.59	19.56	19.69	19.46	19.42	21.00
10	256QAM	1	49	19.64	19.61	19.79	19.66	19.71	21.00
10	256QAM	25	0	19.68	19.66	19.81	19.55	19.59	21.00
10	256QAM	25	12	19.58	19.64	19.68	19.59	19.66	21.00
10	256QAM	25	25	19.56	19.63	19.80	19.66	19.52	21.00
10	256QAM	50	0	19.44	19.53	19.66	19.49	19.47	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.79	24.77	24.88	24.81	24.72	26.00
5	QPSK	1	12	24.40	24.46	24.58	24.39	24.35	26.00
5	QPSK	1	24	24.50	24.41	24.71	24.56	24.42	26.00
5	QPSK	12	0	23.76	23.70	23.76	23.74	23.62	25.00
5	QPSK	12	7	23.56	23.51	23.68	23.55	23.41	25.00
5	QPSK	12	13	23.53	23.45	23.57	23.50	23.36	25.00
5	QPSK	25	0	23.54	23.63	23.65	23.55	23.52	25.00
5	16QAM	1	0	23.56	23.67	23.81	23.71	23.57	25.00
5	16QAM	1	12	23.63	23.53	23.65	23.61	23.61	25.00
5	16QAM	1	24	23.57	23.58	23.62	23.44	23.51	25.00
5	16QAM	12	0	22.43	22.41	22.55	22.56	22.38	24.00
5	16QAM	12	7	22.62	22.64	22.77	22.62	22.63	24.00
5	16QAM	12	13	22.48	22.58	22.75	22.64	22.45	24.00
5	16QAM	25	0	22.44	22.60	22.66	22.61	22.46	24.00
5	64QAM	1	0	22.65	22.67	22.75	22.71	22.65	24.00
5	64QAM	1	12	22.62	22.57	22.70	22.52	22.47	24.00
5	64QAM	1	24	22.67	22.59	22.71	22.68	22.55	24.00
5	64QAM	12	0	21.71	21.73	21.85	21.72	21.50	23.00
5	64QAM	12	7	21.69	21.58	21.75	21.67	21.63	23.00
5	64QAM	12	13	21.82	21.79	21.83	21.67	21.67	23.00
5	64QAM	25	0	21.65	21.63	21.73	21.57	21.53	23.00
5	256QAM	1	0	19.58	19.68	19.79	19.67	19.64	21.00
5	256QAM	1	12	19.57	19.62	19.72	19.45	19.46	21.00
5	256QAM	1	24	19.56	19.59	19.81	19.71	19.70	21.00
5	256QAM	12	0	19.71	19.57	19.78	19.63	19.57	21.00
5	256QAM	12	7	19.58	19.56	19.79	19.63	19.61	21.00
5	256QAM	12	13	19.59	19.61	19.76	19.63	19.54	21.00
5	256QAM	25	0	19.55	19.52	19.56	19.43	19.46	21.00



【LTE Band 41_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.24	22.27	22.29	22.18	22.21	23.10
20	QPSK	1	49	21.94	21.97	22.12	21.91	21.93	23.10
20	QPSK	1	99	21.89	22.02	22.08	21.86	21.99	23.10
20	QPSK	50	0	22.21	22.24	22.25	22.12	22.19	23.10
20	QPSK	50	24	21.87	21.90	22.04	21.79	21.93	23.10
20	QPSK	50	50	22.00	22.02	22.08	21.83	21.91	23.10
20	QPSK	100	0	21.99	22.15	22.19	21.97	21.99	23.10
20	16QAM	1	0	22.07	22.05	22.21	22.01	22.00	23.10
20	16QAM	1	49	21.91	21.89	21.97	21.78	21.87	23.10
20	16QAM	1	99	22.11	22.13	22.20	21.99	22.09	23.10
20	16QAM	50	0	21.63	21.65	21.79	21.71	21.60	22.60
20	16QAM	50	24	21.79	21.81	21.95	21.75	21.77	22.60
20	16QAM	50	50	21.72	21.79	21.91	21.82	21.69	22.60
20	16QAM	100	0	21.68	21.77	21.87	21.75	21.64	22.60
20	64QAM	1	0	21.81	21.85	22.00	21.86	21.84	22.60
20	64QAM	1	49	21.75	21.78	21.87	21.67	21.62	22.60
20	64QAM	1	99	21.85	21.73	21.94	21.80	21.69	22.60
20	64QAM	50	0	21.28	21.27	21.37	21.25	21.14	21.60
20	64QAM	50	24	21.21	21.15	21.32	21.21	21.17	21.60
20	64QAM	50	50	21.33	21.30	21.41	21.32	21.27	21.60
20	64QAM	100	0	21.23	21.16	21.33	21.16	21.14	21.60
20	256QAM	1	0	19.23	19.28	19.41	19.26	19.25	19.60
20	256QAM	1	49	19.13	19.16	19.29	19.09	19.05	19.60
20	256QAM	1	99	19.17	19.20	19.35	19.26	19.24	19.60
20	256QAM	50	0	19.28	19.18	19.33	19.15	19.18	19.60
20	256QAM	50	24	19.20	19.16	19.32	19.15	19.18	19.60
20	256QAM	50	50	19.18	19.15	19.35	19.23	19.12	19.60
20	256QAM	100	0	19.08	19.08	19.19	19.01	19.08	19.60
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.13	22.25	22.24	22.10	22.17	23.10
15	QPSK	1	37	21.89	21.87	22.09	21.83	21.91	23.10
15	QPSK	1	74	21.82	21.93	22.04	21.79	21.95	23.10
15	QPSK	36	0	22.14	22.17	22.16	22.09	22.15	23.10
15	QPSK	36	20	21.73	21.81	22.00	21.73	21.92	23.10
15	QPSK	36	39	21.87	21.90	21.98	21.69	21.86	23.10
15	QPSK	75	0	21.91	22.13	22.12	21.88	21.87	23.10
15	16QAM	1	0	21.95	21.98	22.20	21.96	21.91	23.10
15	16QAM	1	37	21.86	21.78	21.83	21.68	21.79	23.10
15	16QAM	1	74	22.05	22.02	22.16	21.91	22.08	23.10
15	16QAM	36	0	21.61	21.58	21.74	21.57	21.56	22.60
15	16QAM	36	20	21.69	21.73	21.93	21.64	21.67	22.60
15	16QAM	36	39	21.62	21.70	21.82	21.76	21.59	22.60
15	16QAM	75	0	21.64	21.64	21.78	21.65	21.61	22.60
15	64QAM	1	0	21.79	21.84	21.93	21.73	21.71	22.60
15	64QAM	1	37	21.67	21.74	21.77	21.64	21.50	22.60
15	64QAM	1	74	21.70	21.71	21.86	21.68	21.66	22.60
15	64QAM	36	0	21.14	21.22	21.26	21.13	21.01	21.60
15	64QAM	36	20	21.07	21.05	21.26	21.20	21.12	21.60
15	64QAM	36	39	21.24	21.18	21.35	21.20	21.14	21.60
15	64QAM	75	0	21.19	21.08	21.24	21.04	21.11	21.60
15	256QAM	1	0	19.14	19.22	19.29	19.19	19.19	19.60
15	256QAM	1	37	18.98	19.12	19.23	18.97	18.95	19.60
15	256QAM	1	74	19.09	19.15	19.22	19.12	19.21	19.60
15	256QAM	36	0	19.19	19.16	19.22	19.02	19.15	19.60
15	256QAM	36	20	19.16	19.03	19.29	19.14	19.07	19.60
15	256QAM	36	39	19.12	19.04	19.28	19.20	19.01	19.60
15	256QAM	75	0	19.06	18.96	19.09	18.90	19.05	19.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.13	22.23	22.18	22.17	22.13	23.10
10	QPSK	1	25	21.83	21.88	22.03	21.86	21.88	23.10
10	QPSK	1	49	21.78	21.88	21.98	21.83	21.94	23.10
10	QPSK	25	0	22.10	22.21	22.12	22.05	22.05	23.10
10	QPSK	25	12	21.75	21.85	21.95	21.69	21.85	23.10
10	QPSK	25	25	21.93	21.94	22.06	21.80	21.90	23.10
10	QPSK	50	0	21.97	22.09	22.11	21.95	21.90	23.10
10	16QAM	1	0	22.00	21.92	22.14	21.95	21.86	23.10
10	16QAM	1	25	21.89	21.85	21.86	21.75	21.75	23.10
10	16QAM	1	49	22.10	22.10	22.18	21.93	21.97	23.10



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10	16QAM	25	0	21.54	21.59	21.74	21.70	21.48	22.60
10	16QAM	25	12	21.75	21.74	21.82	21.74	21.73	22.60
10	16QAM	25	25	21.70	21.69	21.86	21.80	21.67	22.60
10	16QAM	50	0	21.60	21.70	21.81	21.69	21.58	22.60
10	64QAM	1	0	21.79	21.77	21.87	21.71	21.70	22.60
10	64QAM	1	25	21.69	21.64	21.80	21.64	21.52	22.60
10	64QAM	1	49	21.81	21.66	21.81	21.74	21.65	22.60
10	64QAM	25	0	21.18	21.20	21.33	21.20	21.12	21.60
10	64QAM	25	12	21.19	21.01	21.28	21.19	21.03	21.60
10	64QAM	25	25	21.27	21.18	21.33	21.27	21.24	21.60
10	64QAM	50	0	21.11	21.05	21.31	21.10	21.10	21.60
10	256QAM	1	0	19.10	19.19	19.38	19.18	19.14	19.60
10	256QAM	1	25	19.03	19.04	19.25	19.04	18.95	19.60
10	256QAM	1	49	19.09	19.08	19.26	19.12	19.18	19.60
10	256QAM	25	0	19.21	19.09	19.28	19.13	19.16	19.60
10	256QAM	25	12	19.16	19.03	19.26	19.04	19.13	19.60
10	256QAM	25	25	19.13	19.09	19.27	19.20	19.07	19.60
10	256QAM	50	0	18.96	19.06	19.16	18.97	19.02	19.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.10	22.21	22.28	22.15	22.15	23.10
5	QPSK	1	12	21.86	21.93	22.04	21.82	21.89	23.10
5	QPSK	1	24	21.84	22.01	22.04	21.81	21.86	23.10
5	QPSK	12	0	22.17	22.15	22.17	22.09	22.09	23.10
5	QPSK	12	7	21.79	21.87	21.97	21.68	21.78	23.10
5	QPSK	12	13	21.89	21.97	22.00	21.76	21.88	23.10
5	QPSK	25	0	21.95	22.11	22.08	21.87	21.90	23.10
5	16QAM	1	0	22.05	21.91	22.09	21.99	21.90	23.10
5	16QAM	1	12	21.79	21.80	21.86	21.65	21.79	23.10
5	16QAM	1	24	22.03	22.02	22.08	21.91	22.02	23.10
5	16QAM	12	0	21.57	21.64	21.66	21.69	21.59	22.60
5	16QAM	12	7	21.68	21.71	21.86	21.62	21.74	22.60
5	16QAM	12	13	21.64	21.67	21.88	21.72	21.67	22.60
5	16QAM	25	0	21.56	21.64	21.72	21.74	21.52	22.60
5	64QAM	1	0	21.78	21.82	21.90	21.76	21.72	22.60
5	64QAM	1	12	21.64	21.71	21.79	21.53	21.55	22.60
5	64QAM	1	24	21.74	21.68	21.89	21.73	21.62	22.60
5	64QAM	12	0	21.21	21.25	21.25	21.20	21.03	21.60
5	64QAM	12	7	21.18	21.07	21.25	21.15	21.04	21.60
5	64QAM	12	13	21.30	21.24	21.28	21.21	21.24	21.60
5	64QAM	25	0	21.08	21.12	21.31	21.11	21.07	21.60
5	256QAM	1	0	19.10	19.15	19.32	19.20	19.21	19.60
5	256QAM	1	12	19.12	19.06	19.16	18.94	18.99	19.60
5	256QAM	1	24	19.08	19.16	19.30	19.18	19.18	19.60
5	256QAM	12	0	19.19	19.06	19.27	19.10	19.11	19.60
5	256QAM	12	7	19.08	19.04	19.25	19.02	19.03	19.60
5	256QAM	12	13	19.09	19.06	19.32	19.16	19.02	19.60
5	256QAM	25	0	18.97	18.96	19.06	18.94	19.06	19.60

【LTE Band 41_HPUE_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.84	24.81	24.89	24.82	24.77	25.40
20	QPSK	1	49	24.47	24.48	24.61	24.41	24.45	25.40
20	QPSK	1	99	24.52	24.54	24.72	24.60	24.50	25.40
20	QPSK	50	0	23.85	23.82	23.87	23.81	23.69	24.40
20	QPSK	50	24	23.60	23.55	23.70	23.61	23.45	24.40
20	QPSK	50	50	23.62	23.53	23.71	23.61	23.49	24.40
20	QPSK	100	0	23.63	23.69	23.79	23.58	23.54	24.40
20	16QAM	1	0	23.66	23.70	23.85	23.73	23.70	24.40
20	16QAM	1	49	23.68	23.56	23.77	23.62	23.63	24.40
20	16QAM	1	99	23.66	23.65	23.76	23.58	23.60	24.40
20	16QAM	50	0	22.53	22.55	22.69	22.61	22.50	23.40
20	16QAM	50	24	22.69	22.71	22.85	22.65	22.67	23.40
20	16QAM	50	50	22.62	22.69	22.81	22.72	22.59	23.40
20	16QAM	100	0	22.58	22.67	22.77	22.65	22.54	23.40
20	64QAM	1	0	22.71	22.75	22.90	22.76	22.74	23.40
20	64QAM	1	49	22.65	22.68	22.77	22.57	22.52	23.40
20	64QAM	1	99	22.75	22.63	22.84	22.70	22.59	23.40
20	64QAM	50	0	21.78	21.77	21.87	21.75	21.64	22.40
20	64QAM	50	24	21.71	21.65	21.82	21.71	21.67	22.40



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20	64QAM	50	50	21.83	21.80	21.91	21.82	21.77	22.40
20	64QAM	100	0	21.73	21.66	21.83	21.66	21.64	22.40
20	256QAM	1	0	19.73	19.78	19.91	19.76	19.75	20.40
20	256QAM	1	49	19.63	19.66	19.79	19.59	19.55	20.40
20	256QAM	1	99	19.67	19.70	19.85	19.76	19.74	20.40
20	256QAM	50	0	19.78	19.68	19.83	19.65	19.68	20.40
20	256QAM	50	24	19.70	19.66	19.82	19.65	19.68	20.40
20	256QAM	50	50	19.68	19.65	19.85	19.73	19.62	20.40
20	256QAM	100	0	19.58	19.58	19.69	19.51	19.58	20.40
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.80	24.73	24.85	24.79	24.70	25.40
15	QPSK	1	37	24.33	24.35	24.46	24.27	24.36	25.40
15	QPSK	1	74	24.46	24.45	24.67	24.46	24.41	25.40
15	QPSK	36	0	23.83	23.79	23.73	23.79	23.68	24.40
15	QPSK	36	20	23.52	23.46	23.68	23.48	23.34	24.40
15	QPSK	36	39	23.59	23.51	23.70	23.51	23.39	24.40
15	QPSK	75	0	23.49	23.61	23.74	23.43	23.40	24.40
15	16QAM	1	0	23.62	23.68	23.74	23.68	23.60	24.40
15	16QAM	1	37	23.56	23.51	23.68	23.52	23.57	24.40
15	16QAM	1	74	23.63	23.52	23.67	23.53	23.45	24.40
15	16QAM	36	0	22.42	22.44	22.66	22.54	22.37	23.40
15	16QAM	36	20	22.54	22.59	22.80	22.54	22.56	23.40
15	16QAM	36	39	22.54	22.60	22.80	22.59	22.50	23.40
15	16QAM	75	0	22.47	22.53	22.67	22.57	22.51	23.40
15	64QAM	1	0	22.57	22.67	22.77	22.65	22.72	23.40
15	64QAM	1	37	22.54	22.57	22.72	22.49	22.43	23.40
15	64QAM	1	74	22.60	22.55	22.80	22.57	22.46	23.40
15	64QAM	36	0	21.77	21.67	21.77	21.70	21.50	22.40
15	64QAM	36	20	21.63	21.56	21.69	21.63	21.57	22.40
15	64QAM	36	39	21.79	21.72	21.83	21.72	21.63	22.40
15	64QAM	75	0	21.66	21.60	21.68	21.57	21.54	22.40
15	256QAM	1	0	19.62	19.70	19.86	19.67	19.61	20.40
15	256QAM	1	37	19.52	19.60	19.72	19.46	19.49	20.40
15	256QAM	1	74	19.57	19.65	19.84	19.69	19.72	20.40
15	256QAM	36	0	19.64	19.54	19.69	19.62	19.65	20.40
15	256QAM	36	20	19.58	19.62	19.70	19.59	19.54	20.40
15	256QAM	36	39	19.61	19.62	19.79	19.65	19.53	20.40
15	256QAM	75	0	19.43	19.51	19.66	19.38	19.51	20.40
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.78	24.73	24.74	24.75	24.72	25.40
10	QPSK	1	25	24.42	24.40	24.52	24.28	24.40	25.40
10	QPSK	1	49	24.37	24.50	24.63	24.56	24.47	25.40
10	QPSK	25	0	23.82	23.78	23.83	23.76	23.61	24.40
10	QPSK	25	12	23.56	23.53	23.67	23.54	23.33	24.40
10	QPSK	25	25	23.60	23.45	23.57	23.56	23.38	24.40
10	QPSK	50	0	23.57	23.57	23.73	23.50	23.48	24.40
10	16QAM	1	0	23.64	23.69	23.82	23.69	23.68	24.40
10	16QAM	1	25	23.61	23.45	23.71	23.51	23.61	24.40
10	16QAM	1	49	23.55	23.58	23.72	23.47	23.48	24.40
10	16QAM	25	0	22.48	22.42	22.55	22.59	22.47	23.40
10	16QAM	25	12	22.56	22.63	22.80	22.52	22.58	23.40
10	16QAM	25	25	22.58	22.62	22.68	22.67	22.49	23.40
10	16QAM	50	0	22.49	22.66	22.62	22.60	22.47	23.40
10	64QAM	1	0	22.58	22.72	22.86	22.72	22.64	23.40
10	64QAM	1	25	22.60	22.57	22.63	22.51	22.50	23.40
10	64QAM	1	49	22.62	22.48	22.83	22.61	22.55	23.40
10	64QAM	25	0	21.71	21.65	21.84	21.71	21.53	22.40
10	64QAM	25	12	21.68	21.58	21.75	21.70	21.62	22.40
10	64QAM	25	25	21.82	21.73	21.80	21.80	21.64	22.40
10	64QAM	50	0	21.70	21.55	21.76	21.62	21.62	22.40
10	256QAM	1	0	19.62	19.69	19.80	19.62	19.61	20.40
10	256QAM	1	25	19.59	19.56	19.69	19.46	19.42	20.40
10	256QAM	1	49	19.64	19.61	19.79	19.66	19.71	20.40
10	256QAM	25	0	19.68	19.66	19.81	19.55	19.59	20.40
10	256QAM	25	12	19.58	19.64	19.68	19.59	19.66	20.40
10	256QAM	25	25	19.56	19.63	19.80	19.66	19.52	20.40
10	256QAM	50	0	19.44	19.53	19.66	19.49	19.47	20.40
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.79	24.77	24.88	24.81	24.72	25.40
5	QPSK	1	12	24.40	24.46	24.58	24.39	24.35	25.40
5	QPSK	1	24	24.50	24.41	24.71	24.56	24.42	25.40
5	QPSK	12	0	23.76	23.70	23.76	23.74	23.62	24.40
5	QPSK	12	7	23.56	23.51	23.68	23.55	23.41	24.40
5	QPSK	12	13	23.53	23.45	23.57	23.50	23.36	24.40
5	QPSK	25	0	23.54	23.63	23.65	23.55	23.52	24.40



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5	16QAM	1	0	23.56	23.67	23.81	23.71	23.57	24.40
5	16QAM	1	12	23.63	23.53	23.65	23.61	23.61	24.40
5	16QAM	1	24	23.57	23.58	23.62	23.44	23.51	24.40
5	16QAM	12	0	22.43	22.41	22.55	22.56	22.38	23.40
5	16QAM	12	7	22.62	22.64	22.77	22.62	22.63	23.40
5	16QAM	12	13	22.48	22.58	22.75	22.64	22.45	23.40
5	16QAM	25	0	22.44	22.60	22.66	22.61	22.46	23.40
5	64QAM	1	0	22.65	22.67	22.75	22.71	22.65	23.40
5	64QAM	1	12	22.62	22.57	22.70	22.52	22.47	23.40
5	64QAM	1	24	22.67	22.59	22.71	22.68	22.55	23.40
5	64QAM	12	0	21.71	21.73	21.85	21.72	21.50	22.40
5	64QAM	12	7	21.69	21.58	21.75	21.67	21.63	22.40
5	64QAM	12	13	21.82	21.79	21.83	21.67	21.67	22.40
5	64QAM	25	0	21.65	21.63	21.73	21.57	21.53	22.40
5	256QAM	1	0	19.58	19.68	19.79	19.67	19.64	20.40
5	256QAM	1	12	19.57	19.62	19.72	19.45	19.46	20.40
5	256QAM	1	24	19.56	19.59	19.81	19.71	19.70	20.40
5	256QAM	12	0	19.71	19.57	19.78	19.63	19.57	20.40
5	256QAM	12	7	19.58	19.56	19.79	19.63	19.61	20.40
5	256QAM	12	13	19.59	19.61	19.76	19.63	19.54	20.40
5	256QAM	25	0	19.55	19.52	19.56	19.43	19.46	20.40

【LTE Band 41_HPUE_Ant 4_DSI 12】

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	16.53	16.55	16.57	16.52	16.51	17.70
20	QPSK	1	49	16.38	16.41	16.52	16.42	16.39	17.70
20	QPSK	1	99	16.49	16.43	16.45	16.43	16.48	17.70
20	QPSK	50	0	16.42	16.51	16.56	16.46	16.39	17.70
20	QPSK	50	24	16.41	16.50	16.54	16.48	16.38	17.70
20	QPSK	50	50	16.48	16.42	16.49	16.49	16.44	17.70
20	QPSK	100	0	16.38	16.45	16.43	16.39	16.37	17.70
20	16QAM	1	0	16.45	16.50	16.52	16.47	16.46	17.70
20	16QAM	1	49	16.46	16.45	16.52	16.48	16.45	17.70
20	16QAM	1	99	16.43	16.47	16.45	16.41	16.42	17.70
20	16QAM	50	0	16.43	16.43	16.51	16.49	16.37	17.70
20	16QAM	50	24	16.49	16.50	16.44	16.46	16.37	17.70
20	16QAM	50	50	16.47	16.46	16.50	16.45	16.48	17.70
20	16QAM	100	0	16.40	16.49	16.53	16.48	16.46	17.70
20	64QAM	1	0	16.46	16.51	16.42	16.44	16.36	17.70
20	64QAM	1	49	16.50	16.50	16.50	16.40	16.41	17.70
20	64QAM	1	99	16.47	16.40	16.46	16.38	16.38	17.70
20	64QAM	50	0	16.40	16.46	16.50	16.48	16.39	17.70
20	64QAM	50	24	16.40	16.51	16.47	16.41	16.47	17.70
20	64QAM	50	50	16.47	16.50	16.50	16.48	16.44	17.70
20	64QAM	100	0	16.39	16.48	16.45	16.40	16.47	17.70
20	256QAM	1	0	16.46	16.48	16.45	16.37	16.36	17.70
20	256QAM	1	49	16.46	16.46	16.52	16.41	16.37	17.70
20	256QAM	1	99	16.40	16.44	16.54	16.45	16.42	17.70
20	256QAM	50	0	16.49	16.42	16.45	16.46	16.37	17.70
20	256QAM	50	24	16.43	16.43	16.47	16.41	16.45	17.70
20	256QAM	50	50	16.43	16.43	16.49	16.40	16.36	17.70
20	256QAM	100	0	16.42	16.40	16.44	16.48	16.41	17.70
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.49	16.43	16.42	16.45	16.38	17.70
15	QPSK	1	37	16.33	16.37	16.41	16.29	16.32	17.70
15	QPSK	1	74	16.44	16.36	16.38	16.36	16.35	17.70
15	QPSK	36	0	16.29	16.40	16.50	16.35	16.29	17.70
15	QPSK	36	20	16.32	16.37	16.48	16.45	16.36	17.70
15	QPSK	36	39	16.37	16.33	16.48	16.47	16.32	17.70
15	QPSK	75	0	16.29	16.42	16.34	16.29	16.30	17.70
15	16QAM	1	0	16.37	16.36	16.50	16.40	16.39	17.70
15	16QAM	1	37	16.37	16.36	16.45	16.34	16.30	17.70
15	16QAM	1	74	16.31	16.39	16.40	16.29	16.37	17.70
15	16QAM	36	0	16.41	16.32	16.37	16.37	16.36	17.70
15	16QAM	36	20	16.43	16.36	16.37	16.33	16.24	17.70
15	16QAM	36	39	16.34	16.39	16.41	16.36	16.41	17.70
15	16QAM	75	0	16.26	16.47	16.42	16.38	16.36	17.70
15	64QAM	1	0	16.44	16.42	16.37	16.39	16.34	17.70
15	64QAM	1	37	16.43	16.48	16.47	16.38	16.38	17.70



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15	64QAM	1	74	16.42	16.39	16.44	16.31	16.23	17.70
15	64QAM	36	0	16.28	16.42	16.47	16.40	16.32	17.70
15	64QAM	36	20	16.36	16.39	16.36	16.36	16.43	17.70
15	64QAM	36	39	16.41	16.37	16.44	16.44	16.39	17.70
15	64QAM	75	0	16.28	16.35	16.31	16.28	16.42	17.70
15	256QAM	1	0	16.36	16.43	16.36	16.32	16.34	17.70
15	256QAM	1	37	16.43	16.33	16.39	16.27	16.27	17.70
15	256QAM	1	74	16.38	16.31	16.43	16.30	16.37	17.70
15	256QAM	36	0	16.40	16.37	16.35	16.33	16.22	17.70
15	256QAM	36	20	16.40	16.39	16.35	16.29	16.37	17.70
15	256QAM	36	39	16.33	16.40	16.36	16.29	16.29	17.70
15	256QAM	75	0	16.30	16.38	16.31	16.35	16.33	17.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.41	16.47	16.52	16.41	16.44	17.70
10	QPSK	1	25	16.35	16.35	16.42	16.29	16.28	17.70
10	QPSK	1	49	16.34	16.40	16.40	16.30	16.34	17.70
10	QPSK	25	0	16.32	16.49	16.48	16.44	16.34	17.70
10	QPSK	25	12	16.36	16.43	16.50	16.34	16.27	17.70
10	QPSK	25	25	16.39	16.40	16.34	16.37	16.34	17.70
10	QPSK	50	0	16.23	16.39	16.35	16.30	16.32	17.70
10	16QAM	1	0	16.33	16.45	16.43	16.43	16.34	17.70
10	16QAM	1	25	16.33	16.33	16.50	16.36	16.42	17.70
10	16QAM	1	49	16.37	16.42	16.33	16.29	16.37	17.70
10	16QAM	25	0	16.31	16.28	16.37	16.38	16.34	17.70
10	16QAM	25	12	16.39	16.37	16.43	16.40	16.33	17.70
10	16QAM	25	25	16.40	16.43	16.41	16.38	16.41	17.70
10	16QAM	50	0	16.38	16.42	16.50	16.44	16.32	17.70
10	64QAM	1	0	16.43	16.47	16.33	16.34	16.32	17.70
10	64QAM	1	25	16.36	16.47	16.49	16.28	16.34	17.70
10	64QAM	1	49	16.35	16.35	16.41	16.32	16.31	17.70
10	64QAM	25	0	16.37	16.35	16.45	16.35	16.32	17.70
10	64QAM	25	12	16.38	16.41	16.43	16.35	16.32	17.70
10	64QAM	25	25	16.41	16.36	16.49	16.37	16.40	17.70
10	64QAM	50	0	16.34	16.42	16.30	16.30	16.39	17.70
10	256QAM	1	0	16.41	16.46	16.34	16.32	16.28	17.70
10	256QAM	1	25	16.42	16.36	16.40	16.30	16.30	17.70
10	256QAM	1	49	16.38	16.35	16.43	16.42	16.38	17.70
10	256QAM	25	0	16.42	16.36	16.41	16.41	16.29	17.70
10	256QAM	25	12	16.33	16.29	16.45	16.34	16.43	17.70
10	256QAM	25	25	16.41	16.34	16.44	16.30	16.28	17.70
10	256QAM	50	0	16.29	16.33	16.39	16.41	16.34	17.70
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	16.44	16.43	16.43	16.43	16.42	17.70
5	QPSK	1	12	16.25	16.33	16.51	16.30	16.35	17.70
5	QPSK	1	24	16.38	16.30	16.42	16.29	16.43	17.70
5	QPSK	12	0	16.37	16.41	16.47	16.39	16.35	17.70
5	QPSK	12	7	16.40	16.37	16.43	16.44	16.24	17.70
5	QPSK	12	13	16.44	16.28	16.39	16.42	16.31	17.70
5	QPSK	25	0	16.26	16.42	16.28	16.28	16.27	17.70
5	16QAM	1	0	16.38	16.39	16.51	16.37	16.40	17.70
5	16QAM	1	12	16.33	16.32	16.48	16.41	16.39	17.70
5	16QAM	1	24	16.37	16.45	16.42	16.26	16.30	17.70
5	16QAM	12	0	16.41	16.29	16.46	16.48	16.29	17.70
5	16QAM	12	7	16.44	16.36	16.36	16.35	16.24	17.70
5	16QAM	12	13	16.40	16.33	16.47	16.35	16.35	17.70
5	16QAM	25	0	16.35	16.47	16.48	16.34	16.42	17.70
5	64QAM	1	0	16.41	16.38	16.36	16.40	16.34	17.70
5	64QAM	1	12	16.43	16.42	16.39	16.32	16.29	17.70
5	64QAM	1	24	16.42	16.31	16.35	16.23	16.36	17.70
5	64QAM	12	0	16.35	16.41	16.43	16.42	16.28	17.70
5	64QAM	12	7	16.37	16.39	16.40	16.39	16.39	17.70
5	64QAM	12	13	16.41	16.44	16.36	16.45	16.33	17.70
5	64QAM	25	0	16.25	16.43	16.38	16.31	16.32	17.70
5	256QAM	1	0	16.33	16.43	16.43	16.29	16.30	17.70
5	256QAM	1	12	16.36	16.33	16.37	16.30	16.23	17.70
5	256QAM	1	24	16.38	16.39	16.45	16.32	16.32	17.70
5	256QAM	12	0	16.47	16.29	16.34	16.43	16.23	17.70
5	256QAM	12	7	16.37	16.37	16.43	16.33	16.42	17.70
5	256QAM	12	13	16.37	16.40	16.36	16.31	16.32	17.70
5	256QAM	25	0	16.34	16.25	16.33	16.42	16.35	17.70



【LTE Band 41_HPUE_Ant 4_DSI 7】

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	22.24	22.27	22.29	22.18	22.21	23.10
20	QPSK	1	49	21.94	21.97	22.12	21.91	21.93	23.10
20	QPSK	1	99	21.89	22.02	22.08	21.86	21.99	23.10
20	QPSK	50	0	22.21	22.24	22.25	22.12	22.19	23.10
20	QPSK	50	24	21.87	21.90	22.04	21.79	21.93	23.10
20	QPSK	50	50	22.00	22.02	22.08	21.83	21.91	23.10
20	QPSK	100	0	21.99	22.15	22.19	21.97	21.99	23.10
20	16QAM	1	0	22.07	22.05	22.21	22.01	22.00	23.10
20	16QAM	1	49	21.91	21.89	21.97	21.78	21.87	23.10
20	16QAM	1	99	22.11	22.13	22.20	21.99	22.09	23.10
20	16QAM	50	0	21.63	21.65	21.79	21.71	21.60	22.60
20	16QAM	50	24	21.79	21.81	21.95	21.75	21.77	22.60
20	16QAM	50	50	21.72	21.79	21.91	21.82	21.69	22.60
20	16QAM	100	0	21.68	21.77	21.87	21.75	21.64	22.60
20	64QAM	1	0	21.81	21.85	22.00	21.86	21.84	22.60
20	64QAM	1	49	21.75	21.78	21.87	21.67	21.62	22.60
20	64QAM	1	99	21.85	21.73	21.94	21.80	21.69	22.60
20	64QAM	50	0	21.28	21.27	21.37	21.25	21.14	21.60
20	64QAM	50	24	21.21	21.15	21.32	21.21	21.17	21.60
20	64QAM	50	50	21.33	21.30	21.41	21.32	21.27	21.60
20	64QAM	100	0	21.23	21.16	21.33	21.16	21.14	21.60
20	256QAM	1	0	19.23	19.28	19.41	19.26	19.25	19.60
20	256QAM	1	49	19.13	19.16	19.29	19.09	19.05	19.60
20	256QAM	1	99	19.17	19.20	19.35	19.26	19.24	19.60
20	256QAM	50	0	19.28	19.18	19.33	19.15	19.18	19.60
20	256QAM	50	24	19.20	19.16	19.32	19.15	19.18	19.60
20	256QAM	50	50	19.18	19.15	19.35	19.23	19.12	19.60
20	256QAM	100	0	19.08	19.08	19.19	19.01	19.08	19.60
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.13	22.25	22.24	22.10	22.17	23.10
15	QPSK	1	37	21.89	21.87	22.09	21.83	21.91	23.10
15	QPSK	1	74	21.82	21.93	22.04	21.79	21.95	23.10
15	QPSK	36	0	22.14	22.17	22.16	22.09	22.15	23.10
15	QPSK	36	20	21.73	21.81	22.00	21.73	21.92	23.10
15	QPSK	36	39	21.87	21.90	21.98	21.69	21.86	23.10
15	QPSK	75	0	21.91	22.13	22.12	21.88	21.87	23.10
15	16QAM	1	0	21.95	21.98	22.20	21.96	21.91	23.10
15	16QAM	1	37	21.86	21.78	21.83	21.68	21.79	23.10
15	16QAM	1	74	22.05	22.02	22.16	21.91	22.08	23.10
15	16QAM	36	0	21.61	21.58	21.74	21.57	21.56	22.60
15	16QAM	36	20	21.69	21.73	21.93	21.64	21.67	22.60
15	16QAM	36	39	21.62	21.70	21.82	21.76	21.59	22.60
15	16QAM	75	0	21.64	21.64	21.78	21.65	21.61	22.60
15	64QAM	1	0	21.79	21.84	21.93	21.73	21.71	22.60
15	64QAM	1	37	21.67	21.74	21.77	21.64	21.50	22.60
15	64QAM	1	74	21.70	21.71	21.86	21.68	21.66	22.60
15	64QAM	36	0	21.14	21.22	21.26	21.13	21.01	21.60
15	64QAM	36	20	21.07	21.05	21.26	21.20	21.12	21.60
15	64QAM	36	39	21.24	21.18	21.35	21.20	21.14	21.60
15	64QAM	75	0	21.19	21.08	21.24	21.04	21.11	21.60
15	256QAM	1	0	19.14	19.22	19.29	19.19	19.19	19.60
15	256QAM	1	37	18.98	19.12	19.23	18.97	18.95	19.60
15	256QAM	1	74	19.09	19.15	19.22	19.12	19.21	19.60
15	256QAM	36	0	19.19	19.16	19.22	19.02	19.15	19.60
15	256QAM	36	20	19.16	19.03	19.29	19.14	19.07	19.60
15	256QAM	36	39	19.12	19.04	19.28	19.20	19.01	19.60
15	256QAM	75	0	19.06	18.96	19.09	18.90	19.05	19.60
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.13	22.23	22.18	22.17	22.13	23.10
10	QPSK	1	25	21.83	21.88	22.03	21.86	21.88	23.10
10	QPSK	1	49	21.78	21.88	21.98	21.83	21.94	23.10
10	QPSK	25	0	22.10	22.21	22.12	22.05	22.05	23.10
10	QPSK	25	12	21.75	21.85	21.95	21.69	21.85	23.10
10	QPSK	25	25	21.93	21.94	22.06	21.80	21.90	23.10
10	QPSK	50	0	21.97	22.09	22.11	21.95	21.90	23.10
10	16QAM	1	0	22.00	21.92	22.14	21.95	21.86	23.10
10	16QAM	1	25	21.89	21.85	21.86	21.75	21.75	23.10
10	16QAM	1	49	22.10	22.10	22.18	21.93	21.97	23.10



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10	16QAM	25	0	21.54	21.59	21.74	21.70	21.48	22.60
10	16QAM	25	12	21.75	21.74	21.82	21.74	21.73	22.60
10	16QAM	25	25	21.70	21.69	21.86	21.80	21.67	22.60
10	16QAM	50	0	21.60	21.70	21.81	21.69	21.58	22.60
10	64QAM	1	0	21.79	21.77	21.87	21.71	21.70	22.60
10	64QAM	1	25	21.69	21.64	21.80	21.64	21.52	22.60
10	64QAM	1	49	21.81	21.66	21.81	21.74	21.65	22.60
10	64QAM	25	0	21.18	21.20	21.33	21.20	21.12	21.60
10	64QAM	25	12	21.19	21.01	21.28	21.19	21.03	21.60
10	64QAM	25	25	21.27	21.18	21.33	21.27	21.24	21.60
10	64QAM	50	0	21.11	21.05	21.31	21.10	21.10	21.60
10	256QAM	1	0	19.10	19.19	19.38	19.18	19.14	19.60
10	256QAM	1	25	19.03	19.04	19.25	19.04	18.95	19.60
10	256QAM	1	49	19.09	19.08	19.26	19.12	19.18	19.60
10	256QAM	25	0	19.21	19.09	19.28	19.13	19.16	19.60
10	256QAM	25	12	19.16	19.03	19.26	19.04	19.13	19.60
10	256QAM	25	25	19.13	19.09	19.27	19.20	19.07	19.60
10	256QAM	50	0	18.96	19.06	19.16	18.97	19.02	19.60
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.10	22.21	22.28	22.15	22.15	23.10
5	QPSK	1	12	21.86	21.93	22.04	21.82	21.89	23.10
5	QPSK	1	24	21.84	22.01	22.04	21.81	21.86	23.10
5	QPSK	12	0	22.17	22.15	22.17	22.09	22.09	23.10
5	QPSK	12	7	21.79	21.87	21.97	21.68	21.78	23.10
5	QPSK	12	13	21.89	21.97	22.00	21.76	21.88	23.10
5	QPSK	25	0	21.95	22.11	22.08	21.87	21.90	23.10
5	16QAM	1	0	22.05	21.91	22.09	21.99	21.90	23.10
5	16QAM	1	12	21.79	21.80	21.86	21.65	21.79	23.10
5	16QAM	1	24	22.03	22.02	22.08	21.91	22.02	23.10
5	16QAM	12	0	21.57	21.64	21.66	21.69	21.59	22.60
5	16QAM	12	7	21.68	21.71	21.86	21.62	21.74	22.60
5	16QAM	12	13	21.64	21.67	21.88	21.72	21.67	22.60
5	16QAM	25	0	21.56	21.64	21.72	21.74	21.52	22.60
5	64QAM	1	0	21.78	21.82	21.90	21.76	21.72	22.60
5	64QAM	1	12	21.64	21.71	21.79	21.53	21.55	22.60
5	64QAM	1	24	21.74	21.68	21.89	21.73	21.62	22.60
5	64QAM	12	0	21.21	21.25	21.25	21.20	21.03	21.60
5	64QAM	12	7	21.18	21.07	21.25	21.15	21.04	21.60
5	64QAM	12	13	21.30	21.24	21.28	21.21	21.24	21.60
5	64QAM	25	0	21.08	21.12	21.31	21.11	21.07	21.60
5	256QAM	1	0	19.10	19.15	19.32	19.20	19.21	19.60
5	256QAM	1	12	19.12	19.06	19.16	18.94	18.99	19.60
5	256QAM	1	24	19.08	19.16	19.30	19.18	19.18	19.60
5	256QAM	12	0	19.19	19.06	19.27	19.10	19.11	19.60
5	256QAM	12	7	19.08	19.04	19.25	19.02	19.03	19.60
5	256QAM	12	13	19.09	19.06	19.32	19.16	19.02	19.60
5	256QAM	25	0	18.97	18.96	19.06	18.94	19.06	19.60

【LTE Band 41_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.84	24.81	24.89	24.82	24.77	26.00
20	QPSK	1	49	24.47	24.48	24.61	24.41	24.45	26.00
20	QPSK	1	99	24.52	24.54	24.72	24.60	24.50	26.00
20	QPSK	50	0	23.85	23.82	23.87	23.81	23.69	25.00
20	QPSK	50	24	23.60	23.55	23.70	23.61	23.45	25.00
20	QPSK	50	50	23.62	23.53	23.71	23.61	23.49	25.00
20	QPSK	100	0	23.63	23.69	23.79	23.58	23.54	25.00
20	16QAM	1	0	23.66	23.70	23.85	23.73	23.70	25.00
20	16QAM	1	49	23.68	23.56	23.77	23.62	23.63	25.00
20	16QAM	1	99	23.66	23.65	23.76	23.58	23.60	25.00
20	16QAM	50	0	22.53	22.55	22.69	22.61	22.50	24.00
20	16QAM	50	24	22.69	22.71	22.85	22.65	22.67	24.00
20	16QAM	50	50	22.62	22.69	22.81	22.72	22.59	24.00
20	16QAM	100	0	22.58	22.67	22.77	22.65	22.54	24.00
20	64QAM	1	0	22.71	22.75	22.90	22.76	22.74	24.00
20	64QAM	1	49	22.65	22.68	22.77	22.57	22.52	24.00
20	64QAM	1	99	22.75	22.63	22.84	22.70	22.59	24.00
20	64QAM	50	0	21.78	21.77	21.87	21.75	21.64	23.00
20	64QAM	50	24	21.71	21.65	21.82	21.71	21.67	23.00



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20	64QAM	50	50	21.83	21.80	21.91	21.82	21.77	23.00
20	64QAM	100	0	21.73	21.66	21.83	21.66	21.64	23.00
20	256QAM	1	0	19.73	19.78	19.91	19.76	19.75	21.00
20	256QAM	1	49	19.63	19.66	19.79	19.59	19.55	21.00
20	256QAM	1	99	19.67	19.70	19.85	19.76	19.74	21.00
20	256QAM	50	0	19.78	19.68	19.83	19.65	19.68	21.00
20	256QAM	50	24	19.70	19.66	19.82	19.65	19.68	21.00
20	256QAM	50	50	19.68	19.65	19.85	19.73	19.62	21.00
20	256QAM	100	0	19.58	19.58	19.69	19.51	19.58	21.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.80	24.73	24.85	24.79	24.70	26.00
15	QPSK	1	37	24.33	24.35	24.46	24.27	24.36	26.00
15	QPSK	1	74	24.46	24.45	24.67	24.46	24.41	26.00
15	QPSK	36	0	23.83	23.79	23.73	23.79	23.68	25.00
15	QPSK	36	20	23.52	23.46	23.68	23.48	23.34	25.00
15	QPSK	36	39	23.59	23.51	23.70	23.51	23.39	25.00
15	QPSK	75	0	23.49	23.61	23.74	23.43	23.40	25.00
15	16QAM	1	0	23.62	23.68	23.74	23.68	23.60	25.00
15	16QAM	1	37	23.56	23.51	23.68	23.52	23.57	25.00
15	16QAM	1	74	23.63	23.52	23.67	23.53	23.45	25.00
15	16QAM	36	0	22.42	22.44	22.66	22.54	22.37	24.00
15	16QAM	36	20	22.54	22.59	22.80	22.54	22.56	24.00
15	16QAM	36	39	22.54	22.60	22.80	22.59	22.50	24.00
15	16QAM	75	0	22.47	22.53	22.67	22.57	22.51	24.00
15	64QAM	1	0	22.57	22.67	22.77	22.65	22.72	24.00
15	64QAM	1	37	22.54	22.57	22.72	22.49	22.43	24.00
15	64QAM	1	74	22.60	22.55	22.80	22.57	22.46	24.00
15	64QAM	36	0	21.77	21.67	21.77	21.70	21.50	23.00
15	64QAM	36	20	21.63	21.56	21.69	21.63	21.57	23.00
15	64QAM	36	39	21.79	21.72	21.83	21.72	21.63	23.00
15	64QAM	75	0	21.66	21.60	21.68	21.57	21.54	23.00
15	256QAM	1	0	19.62	19.70	19.86	19.67	19.61	21.00
15	256QAM	1	37	19.52	19.60	19.72	19.46	19.49	21.00
15	256QAM	1	74	19.57	19.65	19.84	19.69	19.72	21.00
15	256QAM	36	0	19.64	19.54	19.69	19.62	19.65	21.00
15	256QAM	36	20	19.58	19.62	19.70	19.59	19.54	21.00
15	256QAM	36	39	19.61	19.62	19.79	19.65	19.53	21.00
15	256QAM	75	0	19.43	19.51	19.66	19.38	19.51	21.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.78	24.73	24.74	24.75	24.72	26.00
10	QPSK	1	25	24.42	24.40	24.52	24.28	24.40	26.00
10	QPSK	1	49	24.37	24.50	24.63	24.56	24.47	26.00
10	QPSK	25	0	23.82	23.78	23.83	23.76	23.61	25.00
10	QPSK	25	12	23.56	23.53	23.67	23.54	23.33	25.00
10	QPSK	25	25	23.60	23.45	23.57	23.56	23.38	25.00
10	QPSK	50	0	23.57	23.57	23.73	23.50	23.48	25.00
10	16QAM	1	0	23.64	23.69	23.82	23.69	23.68	25.00
10	16QAM	1	25	23.61	23.45	23.71	23.51	23.61	25.00
10	16QAM	1	49	23.55	23.58	23.72	23.47	23.48	25.00
10	16QAM	25	0	22.48	22.42	22.55	22.59	22.47	24.00
10	16QAM	25	12	22.56	22.63	22.80	22.52	22.58	24.00
10	16QAM	25	25	22.58	22.62	22.68	22.67	22.49	24.00
10	16QAM	50	0	22.49	22.66	22.62	22.60	22.47	24.00
10	64QAM	1	0	22.58	22.72	22.86	22.72	22.64	24.00
10	64QAM	1	25	22.60	22.57	22.63	22.51	22.50	24.00
10	64QAM	1	49	22.62	22.48	22.83	22.61	22.55	24.00
10	64QAM	25	0	21.71	21.65	21.84	21.71	21.53	23.00
10	64QAM	25	12	21.68	21.58	21.75	21.70	21.62	23.00
10	64QAM	25	25	21.82	21.73	21.80	21.80	21.64	23.00
10	64QAM	50	0	21.70	21.55	21.76	21.62	21.62	23.00
10	256QAM	1	0	19.62	19.69	19.80	19.62	19.61	21.00
10	256QAM	1	25	19.59	19.56	19.69	19.46	19.42	21.00
10	256QAM	1	49	19.64	19.61	19.79	19.66	19.71	21.00
10	256QAM	25	0	19.68	19.66	19.81	19.55	19.59	21.00
10	256QAM	25	12	19.58	19.64	19.68	19.59	19.66	21.00
10	256QAM	25	25	19.56	19.63	19.80	19.66	19.52	21.00
10	256QAM	50	0	19.44	19.53	19.66	19.49	19.47	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.79	24.77	24.88	24.81	24.72	26.00
5	QPSK	1	12	24.40	24.46	24.58	24.39	24.35	26.00
5	QPSK	1	24	24.50	24.41	24.71	24.56	24.42	26.00
5	QPSK	12	0	23.76	23.70	23.76	23.74	23.62	25.00
5	QPSK	12	7	23.56	23.51	23.68	23.55	23.41	25.00
5	QPSK	12	13	23.53	23.45	23.57	23.50	23.36	25.00
5	QPSK	25	0	23.54	23.63	23.65	23.55	23.52	25.00



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5	16QAM	1	0	23.56	23.67	23.81	23.71	23.57	25.00
5	16QAM	1	12	23.63	23.53	23.65	23.61	23.61	25.00
5	16QAM	1	24	23.57	23.58	23.62	23.44	23.51	25.00
5	16QAM	12	0	22.43	22.41	22.55	22.56	22.38	24.00
5	16QAM	12	7	22.62	22.64	22.77	22.62	22.63	24.00
5	16QAM	12	13	22.48	22.58	22.75	22.64	22.45	24.00
5	16QAM	25	0	22.44	22.60	22.66	22.61	22.46	24.00
5	64QAM	1	0	22.65	22.67	22.75	22.71	22.65	24.00
5	64QAM	1	12	22.62	22.57	22.70	22.52	22.47	24.00
5	64QAM	1	24	22.67	22.59	22.71	22.68	22.55	24.00
5	64QAM	12	0	21.71	21.73	21.85	21.72	21.50	23.00
5	64QAM	12	7	21.69	21.58	21.75	21.67	21.63	23.00
5	64QAM	12	13	21.82	21.79	21.83	21.67	21.67	23.00
5	64QAM	25	0	21.65	21.63	21.73	21.57	21.53	23.00
5	256QAM	1	0	19.58	19.68	19.79	19.67	19.64	21.00
5	256QAM	1	12	19.57	19.62	19.72	19.45	19.46	21.00
5	256QAM	1	24	19.56	19.59	19.81	19.71	19.70	21.00
5	256QAM	12	0	19.71	19.57	19.78	19.63	19.57	21.00
5	256QAM	12	7	19.58	19.56	19.79	19.63	19.61	21.00
5	256QAM	12	13	19.59	19.61	19.76	19.63	19.54	21.00
5	256QAM	25	0	19.55	19.52	19.56	19.43	19.46	21.00

【LTE Band 42 (27Q)_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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00
20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00



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15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00
10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00
5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00



【LTE Band 42 (27Q)_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00
20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00
15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00



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10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00
5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00

【LTE Band 42 (27Q)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00



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20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00
15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00
10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00



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5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00

【LTE Band 42 (27Q)_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00
20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00



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15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00
10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00
5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00

**【LTE Band 42 (27Q)_Ant 4_DSI 12】**

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	17.00
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	15.55	15.59	15.54	17.00
20	QPSK	1	49	15.32	15.51	15.41	17.00
20	QPSK	1	99	15.31	15.52	15.46	17.00
20	QPSK	50	0	15.42	15.58	15.41	17.00
20	QPSK	50	24	15.28	15.35	15.32	17.00
20	QPSK	50	50	15.21	15.33	15.31	17.00
20	QPSK	100	0	15.48	15.49	15.40	17.00
20	16QAM	1	0	15.48	15.50	15.44	17.00
20	16QAM	1	49	15.48	15.53	15.40	17.00
20	16QAM	1	99	15.41	15.55	15.42	17.00
20	16QAM	50	0	15.42	15.46	15.45	17.00
20	16QAM	50	24	15.48	15.48	15.44	17.00
20	16QAM	50	50	15.48	15.47	15.43	17.00
20	16QAM	100	0	15.50	15.49	15.50	17.00
20	64QAM	1	0	15.48	15.52	15.43	17.00
20	64QAM	1	49	15.42	15.52	15.42	17.00
20	64QAM	1	99	15.42	15.53	15.49	17.00
20	64QAM	50	0	15.42	15.52	15.39	17.00
20	64QAM	50	24	15.43	15.46	15.46	17.00
20	64QAM	50	50	15.44	15.55	15.40	17.00
20	64QAM	100	0	15.44	15.46	15.43	17.00
20	256QAM	1	0	15.41	15.55	15.42	17.00
20	256QAM	1	49	15.42	15.51	15.43	17.00
20	256QAM	1	99	15.40	15.49	15.43	17.00
20	256QAM	50	0	15.52	15.46	15.41	17.00
20	256QAM	50	24	15.51	15.51	15.40	17.00
20	256QAM	50	50	15.50	15.47	15.50	17.00
20	256QAM	100	0	15.49	15.45	15.49	17.00
Channel				42165	42590	43015	17.00
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	15.53	15.47	15.51	17.00
15	QPSK	1	37	15.34	15.47	15.31	17.00
15	QPSK	1	74	15.47	15.50	15.33	17.00
15	QPSK	36	0	15.38	15.56	15.32	17.00
15	QPSK	36	20	15.38	15.37	15.44	17.00
15	QPSK	36	39	15.36	15.49	15.39	17.00
15	QPSK	75	0	15.41	15.34	15.31	17.00
15	16QAM	1	0	15.38	15.44	15.36	17.00
15	16QAM	1	37	15.40	15.52	15.35	17.00
15	16QAM	1	74	15.39	15.44	15.31	17.00
15	16QAM	36	0	15.33	15.38	15.30	17.00
15	16QAM	36	20	15.34	15.36	15.38	17.00
15	16QAM	36	39	15.34	15.34	15.31	17.00
15	16QAM	75	0	15.35	15.34	15.48	17.00
15	64QAM	1	0	15.36	15.41	15.30	17.00
15	64QAM	1	37	15.39	15.49	15.37	17.00
15	64QAM	1	74	15.27	15.41	15.45	17.00
15	64QAM	36	0	15.39	15.37	15.27	17.00
15	64QAM	36	20	15.42	15.35	15.44	17.00
15	64QAM	36	39	15.41	15.50	15.25	17.00
15	64QAM	75	0	15.42	15.43	15.40	17.00
15	256QAM	1	0	15.29	15.51	15.32	17.00
15	256QAM	1	37	15.30	15.36	15.37	17.00
15	256QAM	1	74	15.37	15.44	15.36	17.00
15	256QAM	36	0	15.37	15.40	15.28	17.00
15	256QAM	36	20	15.39	15.44	15.26	17.00
15	256QAM	36	39	15.48	15.39	15.42	17.00
15	256QAM	75	0	15.37	15.39	15.38	17.00
Channel				42140	42590	43040	17.00
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	15.53	15.55	15.52	17.00
10	QPSK	1	25	15.39	15.54	15.36	17.00
10	QPSK	1	49	15.38	15.51	15.43	17.00
10	QPSK	25	0	15.35	15.48	15.33	17.00
10	QPSK	25	12	15.35	15.47	15.42	17.00
10	QPSK	25	25	15.33	15.47	15.42	17.00
10	QPSK	50	0	15.37	15.42	15.34	17.00
10	16QAM	1	0	15.36	15.37	15.32	17.00
10	16QAM	1	25	15.42	15.46	15.36	17.00
10	16QAM	1	49	15.31	15.41	15.39	17.00



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10	16QAM	25	0	15.28	15.32	15.30	17.00
10	16QAM	25	12	15.41	15.35	15.36	17.00
10	16QAM	25	25	15.35	15.33	15.29	17.00
10	16QAM	50	0	15.38	15.44	15.44	17.00
10	64QAM	1	0	15.36	15.48	15.36	17.00
10	64QAM	1	25	15.35	15.50	15.41	17.00
10	64QAM	1	49	15.33	15.46	15.36	17.00
10	64QAM	25	0	15.40	15.39	15.36	17.00
10	64QAM	25	12	15.35	15.41	15.43	17.00
10	64QAM	25	25	15.39	15.45	15.36	17.00
10	64QAM	50	0	15.40	15.42	15.37	17.00
10	256QAM	1	0	15.32	15.49	15.37	17.00
10	256QAM	1	25	15.34	15.41	15.37	17.00
10	256QAM	1	49	15.33	15.45	15.40	17.00
10	256QAM	25	0	15.47	15.33	15.34	17.00
10	256QAM	25	12	15.38	15.46	15.25	17.00
10	256QAM	25	25	15.45	15.44	15.48	17.00
10	256QAM	50	0	15.44	15.34	15.39	17.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	15.50	15.44	15.44	17.00
5	QPSK	1	12	15.32	15.45	15.29	17.00
5	QPSK	1	24	15.48	15.49	15.34	17.00
5	QPSK	12	0	15.29	15.48	15.38	17.00
5	QPSK	12	7	15.48	15.42	15.47	17.00
5	QPSK	12	13	15.37	15.42	15.44	17.00
5	QPSK	25	0	15.36	15.41	15.29	17.00
5	16QAM	1	0	15.40	15.36	15.37	17.00
5	16QAM	1	12	15.42	15.42	15.34	17.00
5	16QAM	1	24	15.36	15.52	15.36	17.00
5	16QAM	12	0	15.39	15.37	15.31	17.00
5	16QAM	12	7	15.45	15.37	15.40	17.00
5	16QAM	12	13	15.35	15.40	15.37	17.00
5	16QAM	25	0	15.47	15.46	15.41	17.00
5	64QAM	1	0	15.37	15.39	15.41	17.00
5	64QAM	1	12	15.31	15.45	15.28	17.00
5	64QAM	1	24	15.34	15.48	15.41	17.00
5	64QAM	12	0	15.31	15.49	15.38	17.00
5	64QAM	12	7	15.31	15.45	15.31	17.00
5	64QAM	12	13	15.40	15.48	15.37	17.00
5	64QAM	25	0	15.39	15.42	15.38	17.00
5	256QAM	1	0	15.29	15.41	15.28	17.00
5	256QAM	1	12	15.35	15.37	15.29	17.00
5	256QAM	1	24	15.35	15.37	15.35	17.00
5	256QAM	12	0	15.46	15.33	15.36	17.00
5	256QAM	12	7	15.46	15.48	15.34	17.00
5	256QAM	12	13	15.41	15.36	15.35	17.00
5	256QAM	25	0	15.34	15.43	15.43	17.00

【LTE Band 42 (27Q)_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00



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20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00
15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00
10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00



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5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00

【LTE Band 42 (27Q)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.06	23.12	23.02	24.00
20	QPSK	1	49	22.73	22.82	22.67	24.00
20	QPSK	1	99	22.77	22.89	22.75	24.00
20	QPSK	50	0	22.11	22.15	22.13	23.00
20	QPSK	50	24	22.02	22.09	21.94	23.00
20	QPSK	50	50	21.89	22.06	21.91	23.00
20	QPSK	100	0	22.01	22.13	21.97	23.00
20	16QAM	1	0	22.03	22.12	21.96	23.00
20	16QAM	1	49	21.86	22.06	21.94	23.00
20	16QAM	1	99	21.98	22.10	21.93	23.00
20	16QAM	50	0	20.94	21.03	20.84	22.00
20	16QAM	50	24	20.75	20.93	20.77	22.00
20	16QAM	50	50	20.85	21.05	20.92	22.00
20	16QAM	100	0	20.92	21.05	20.87	22.00
20	64QAM	1	0	20.95	21.06	20.87	22.00
20	64QAM	1	49	20.97	21.08	20.95	22.00
20	64QAM	1	99	20.85	21.04	20.85	22.00
20	64QAM	50	0	19.94	20.05	19.93	21.00
20	64QAM	50	24	19.77	19.92	19.74	21.00
20	64QAM	50	50	19.84	19.94	19.79	21.00
20	64QAM	100	0	19.93	20.13	19.90	21.00
20	256QAM	1	0	17.98	18.05	17.92	19.00
20	256QAM	1	49	17.76	17.94	17.80	19.00
20	256QAM	1	99	17.78	17.91	17.81	19.00
20	256QAM	50	0	17.97	18.07	17.85	19.00
20	256QAM	50	24	17.80	17.97	17.77	19.00
20	256QAM	50	50	17.98	18.07	17.97	19.00
20	256QAM	100	0	17.87	17.94	17.83	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.98	23.10	23.00	24.00
15	QPSK	1	37	22.70	22.72	22.58	24.00
15	QPSK	1	74	22.63	22.80	22.67	24.00
15	QPSK	36	0	22.10	22.08	22.09	23.00
15	QPSK	36	20	22.00	21.96	21.86	23.00
15	QPSK	36	39	21.77	22.05	21.87	23.00
15	QPSK	75	0	21.88	22.02	21.90	23.00
15	16QAM	1	0	21.94	22.08	21.95	23.00
15	16QAM	1	37	21.79	22.00	21.92	23.00
15	16QAM	1	74	21.95	22.04	21.89	23.00
15	16QAM	36	0	20.85	20.96	20.83	22.00
15	16QAM	36	20	20.63	20.89	20.65	22.00
15	16QAM	36	39	20.70	21.02	20.87	22.00
15	16QAM	75	0	20.85	21.01	20.75	22.00
15	64QAM	1	0	20.84	21.00	20.85	22.00
15	64QAM	1	37	20.91	20.97	20.83	22.00



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15	64QAM	1	74	20.71	20.89	20.73	22.00
15	64QAM	36	0	19.81	19.98	19.89	21.00
15	64QAM	36	20	19.69	19.88	19.61	21.00
15	64QAM	36	39	19.73	19.82	19.72	21.00
15	64QAM	75	0	19.88	20.03	19.76	21.00
15	256QAM	1	0	17.89	17.91	17.88	19.00
15	256QAM	1	37	17.62	17.93	17.73	19.00
15	256QAM	1	74	17.68	17.77	17.72	19.00
15	256QAM	36	0	17.95	18.00	17.77	19.00
15	256QAM	36	20	17.78	17.89	17.76	19.00
15	256QAM	36	39	17.89	17.99	17.86	19.00
15	256QAM	75	0	17.77	17.89	17.76	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	23.04	22.98	23.00	24.00
10	QPSK	1	25	22.63	22.76	22.53	24.00
10	QPSK	1	49	22.70	22.82	22.61	24.00
10	QPSK	25	0	21.99	22.03	22.07	23.00
10	QPSK	25	12	21.95	22.02	21.86	23.00
10	QPSK	25	25	21.78	22.01	21.84	23.00
10	QPSK	50	0	21.95	22.06	21.88	23.00
10	16QAM	1	0	21.94	22.08	21.89	23.00
10	16QAM	1	25	21.79	21.98	21.79	23.00
10	16QAM	1	49	21.92	21.97	21.82	23.00
10	16QAM	25	0	20.90	20.90	20.78	22.00
10	16QAM	25	12	20.72	20.82	20.73	22.00
10	16QAM	25	25	20.74	20.94	20.84	22.00
10	16QAM	50	0	20.81	20.91	20.80	22.00
10	64QAM	1	0	20.82	20.92	20.83	22.00
10	64QAM	1	25	20.90	21.07	20.88	22.00
10	64QAM	1	49	20.75	20.90	20.73	22.00
10	64QAM	25	0	19.90	19.94	19.82	21.00
10	64QAM	25	12	19.69	19.90	19.67	21.00
10	64QAM	25	25	19.70	19.90	19.73	21.00
10	64QAM	50	0	19.92	20.00	19.81	21.00
10	256QAM	1	0	17.85	17.98	17.79	19.00
10	256QAM	1	25	17.72	17.87	17.70	19.00
10	256QAM	1	49	17.73	17.84	17.78	19.00
10	256QAM	25	0	17.88	18.05	17.72	19.00
10	256QAM	25	12	17.71	17.95	17.73	19.00
10	256QAM	25	25	17.89	17.94	17.87	19.00
10	256QAM	50	0	17.74	17.88	17.77	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.96	23.00	22.95	24.00
5	QPSK	1	12	22.70	22.80	22.59	24.00
5	QPSK	1	24	22.66	22.74	22.63	24.00
5	QPSK	12	0	22.06	22.14	22.06	23.00
5	QPSK	12	7	22.00	22.05	21.85	23.00
5	QPSK	12	13	21.83	21.98	21.88	23.00
5	QPSK	25	0	21.95	21.99	21.92	23.00
5	16QAM	1	0	21.92	22.02	21.89	23.00
5	16QAM	1	12	21.83	21.96	21.88	23.00
5	16QAM	1	24	21.89	22.01	21.88	23.00
5	16QAM	12	0	20.91	20.99	20.70	22.00
5	16QAM	12	7	20.68	20.86	20.75	22.00
5	16QAM	12	13	20.82	21.00	20.77	22.00
5	16QAM	25	0	20.81	21.00	20.85	22.00
5	64QAM	1	0	20.81	20.97	20.82	22.00
5	64QAM	1	12	20.89	20.97	20.87	22.00
5	64QAM	1	24	20.79	20.92	20.77	22.00
5	64QAM	12	0	19.91	20.02	19.79	21.00
5	64QAM	12	7	19.63	19.89	19.63	21.00
5	64QAM	12	13	19.72	19.81	19.75	21.00
5	64QAM	25	0	19.83	20.02	19.86	21.00
5	256QAM	1	0	17.92	17.96	17.86	19.00
5	256QAM	1	12	17.62	17.89	17.71	19.00
5	256QAM	1	24	17.67	17.83	17.78	19.00
5	256QAM	12	0	17.87	17.95	17.81	19.00
5	256QAM	12	7	17.77	17.84	17.66	19.00
5	256QAM	12	13	17.89	17.92	17.91	19.00
5	256QAM	25	0	17.84	17.89	17.73	19.00

**【LTE Band 42 (27Q)_Ant 6_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	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.01	22.03	21.97	23.00
20	QPSK	1	49	21.92	22.00	21.87	23.00
20	QPSK	1	99	21.81	21.97	21.87	23.00
20	QPSK	50	0	21.16	21.24	21.11	22.00
20	QPSK	50	24	21.10	21.19	21.03	22.00
20	QPSK	50	50	21.01	21.05	20.90	22.00
20	QPSK	100	0	21.06	21.20	21.05	22.00
20	16QAM	1	0	21.02	21.19	21.11	22.00
20	16QAM	1	49	21.15	21.24	21.14	22.00
20	16QAM	1	99	21.08	21.22	21.07	22.00
20	16QAM	50	0	20.04	20.19	20.06	21.00
20	16QAM	50	24	19.93	20.08	19.93	21.00
20	16QAM	50	50	20.02	20.05	19.88	21.00
20	16QAM	100	0	19.99	20.11	20.03	21.00
20	64QAM	1	0	19.98	20.14	19.97	21.00
20	64QAM	1	49	19.99	20.07	19.95	21.00
20	64QAM	1	99	20.07	20.18	19.98	21.00
20	64QAM	50	0	18.88	19.04	18.89	20.00
20	64QAM	50	24	19.08	19.22	19.15	20.00
20	64QAM	50	50	18.98	19.06	18.98	20.00
20	64QAM	100	0	19.03	19.09	18.96	20.00
20	256QAM	1	0	17.01	17.12	16.94	18.00
20	256QAM	1	49	16.98	17.08	16.99	18.00
20	256QAM	1	99	16.95	17.05	16.97	18.00
20	256QAM	50	0	17.01	17.08	16.91	18.00
20	256QAM	50	24	17.13	17.22	17.03	18.00
20	256QAM	50	50	17.12	17.21	17.14	18.00
20	256QAM	100	0	17.06	17.13	16.98	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.94	21.96	21.83	23.00
15	QPSK	1	37	21.79	21.97	21.78	23.00
15	QPSK	1	74	21.71	21.84	21.73	23.00
15	QPSK	36	0	21.11	21.23	21.05	22.00
15	QPSK	36	20	20.95	21.17	20.92	22.00
15	QPSK	36	39	20.94	20.98	20.76	22.00
15	QPSK	75	0	20.96	21.11	20.99	22.00
15	16QAM	1	0	20.96	21.08	21.04	22.00
15	16QAM	1	37	21.01	21.09	21.02	22.00
15	16QAM	1	74	20.94	21.08	20.93	22.00
15	16QAM	36	0	19.92	20.08	20.00	21.00
15	16QAM	36	20	19.78	19.94	19.87	21.00
15	16QAM	36	39	19.94	19.97	19.74	21.00
15	16QAM	75	0	19.91	20.10	19.93	21.00
15	64QAM	1	0	19.92	20.12	19.95	21.00
15	64QAM	1	37	19.86	20.00	19.88	21.00
15	64QAM	1	74	19.94	20.14	19.95	21.00
15	64QAM	36	0	18.82	18.99	18.85	20.00
15	64QAM	36	20	19.03	19.21	19.06	20.00
15	64QAM	36	39	18.89	19.04	18.84	20.00
15	64QAM	75	0	18.91	19.02	18.94	20.00
15	256QAM	1	0	16.86	16.98	16.81	18.00
15	256QAM	1	37	16.85	16.94	16.98	18.00
15	256QAM	1	74	16.93	17.01	16.91	18.00
15	256QAM	36	0	16.89	17.03	16.87	18.00
15	256QAM	36	20	17.11	17.08	16.99	18.00
15	256QAM	36	39	17.11	17.14	17.02	18.00
15	256QAM	75	0	17.02	17.06	16.93	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.95	21.97	21.93	23.00
10	QPSK	1	25	21.79	21.90	21.78	23.00
10	QPSK	1	49	21.66	21.92	21.81	23.00
10	QPSK	25	0	21.08	21.11	20.98	22.00
10	QPSK	25	12	20.99	21.16	20.93	22.00
10	QPSK	25	25	20.94	21.02	20.76	22.00
10	QPSK	50	0	21.01	21.11	20.97	22.00
10	16QAM	1	0	20.99	21.07	21.07	22.00
10	16QAM	1	25	21.06	21.12	21.09	22.00
10	16QAM	1	49	20.94	21.12	21.06	22.00



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10	16QAM	25	0	19.95	20.10	19.98	21.00
10	16QAM	25	12	19.82	19.95	19.82	21.00
10	16QAM	25	25	19.98	19.98	19.81	21.00
10	16QAM	50	0	19.97	19.97	19.96	21.00
10	64QAM	1	0	19.87	20.10	19.94	21.00
10	64QAM	1	25	19.95	19.95	19.86	21.00
10	64QAM	1	49	19.96	20.14	19.96	21.00
10	64QAM	25	0	18.74	18.90	18.83	20.00
10	64QAM	25	12	18.99	19.16	19.07	20.00
10	64QAM	25	25	18.85	19.04	18.90	20.00
10	64QAM	50	0	18.89	19.01	18.90	20.00
10	256QAM	1	0	16.88	16.99	16.90	18.00
10	256QAM	1	25	16.90	16.99	16.86	18.00
10	256QAM	1	49	16.82	17.03	16.88	18.00
10	256QAM	25	0	16.99	16.97	16.88	18.00
10	256QAM	25	12	17.04	17.19	16.92	18.00
10	256QAM	25	25	17.04	17.14	17.03	18.00
10	256QAM	50	0	16.98	17.07	16.88	18.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	21.90	21.89	21.90	23.00
5	QPSK	1	12	21.79	21.93	21.78	23.00
5	QPSK	1	24	21.72	21.91	21.85	23.00
5	QPSK	12	0	21.08	21.21	21.06	22.00
5	QPSK	12	7	21.06	21.04	21.01	22.00
5	QPSK	12	13	20.86	20.98	20.84	22.00
5	QPSK	25	0	21.04	21.11	20.96	22.00
5	16QAM	1	0	20.96	21.18	21.00	22.00
5	16QAM	1	12	21.07	21.11	21.02	22.00
5	16QAM	1	24	21.04	21.13	21.01	22.00
5	16QAM	12	0	19.93	20.18	19.93	21.00
5	16QAM	12	7	19.92	19.94	19.89	21.00
5	16QAM	12	13	19.92	19.92	19.82	21.00
5	16QAM	25	0	19.93	19.97	19.96	21.00
5	64QAM	1	0	19.93	20.07	19.82	21.00
5	64QAM	1	12	19.95	20.01	19.85	21.00
5	64QAM	1	24	20.05	20.06	19.93	21.00
5	64QAM	12	0	18.77	19.03	18.74	20.00
5	64QAM	12	7	19.06	19.16	19.10	20.00
5	64QAM	12	13	18.92	19.04	18.92	20.00
5	64QAM	25	0	18.88	19.03	18.89	20.00
5	256QAM	1	0	16.97	17.08	16.85	18.00
5	256QAM	1	12	16.87	16.97	16.93	18.00
5	256QAM	1	24	16.87	16.96	16.90	18.00
5	256QAM	12	0	16.92	16.95	16.83	18.00
5	256QAM	12	7	17.11	17.13	16.88	18.00
5	256QAM	12	13	17.05	17.13	17.08	18.00
5	256QAM	25	0	17.00	17.08	16.89	18.00

【LTE Band 42 (27Q)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.01	22.03	21.97	23.00
20	QPSK	1	49	21.92	22.00	21.87	23.00
20	QPSK	1	99	21.81	21.97	21.87	23.00
20	QPSK	50	0	21.16	21.24	21.11	22.00
20	QPSK	50	24	21.10	21.19	21.03	22.00
20	QPSK	50	50	21.01	21.05	20.90	22.00
20	QPSK	100	0	21.06	21.20	21.05	22.00
20	16QAM	1	0	21.02	21.19	21.11	22.00
20	16QAM	1	49	21.15	21.24	21.14	22.00
20	16QAM	1	99	21.08	21.22	21.07	22.00
20	16QAM	50	0	20.04	20.19	20.06	21.00
20	16QAM	50	24	19.93	20.08	19.93	21.00
20	16QAM	50	50	20.02	20.05	19.88	21.00
20	16QAM	100	0	19.99	20.11	20.03	21.00
20	64QAM	1	0	19.98	20.14	19.97	21.00
20	64QAM	1	49	19.99	20.07	19.95	21.00
20	64QAM	1	99	20.07	20.18	19.98	21.00
20	64QAM	50	0	18.88	19.04	18.89	20.00
20	64QAM	50	24	19.08	19.22	19.15	20.00



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20	64QAM	50	50	18.98	19.06	18.98	20.00
20	64QAM	100	0	19.03	19.09	18.96	20.00
20	256QAM	1	0	17.01	17.12	16.94	18.00
20	256QAM	1	49	16.98	17.08	16.99	18.00
20	256QAM	1	99	16.95	17.05	16.97	18.00
20	256QAM	50	0	17.01	17.08	16.91	18.00
20	256QAM	50	24	17.13	17.22	17.03	18.00
20	256QAM	50	50	17.12	17.21	17.14	18.00
20	256QAM	100	0	17.06	17.13	16.98	18.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	21.94	21.96	21.83	23.00
15	QPSK	1	37	21.79	21.97	21.78	23.00
15	QPSK	1	74	21.71	21.84	21.73	23.00
15	QPSK	36	0	21.11	21.23	21.05	22.00
15	QPSK	36	20	20.95	21.17	20.92	22.00
15	QPSK	36	39	20.94	20.98	20.76	22.00
15	QPSK	75	0	20.96	21.11	20.99	22.00
15	16QAM	1	0	20.96	21.08	21.04	22.00
15	16QAM	1	37	21.01	21.09	21.02	22.00
15	16QAM	1	74	20.94	21.08	20.93	22.00
15	16QAM	36	0	19.92	20.08	20.00	21.00
15	16QAM	36	20	19.78	19.94	19.87	21.00
15	16QAM	36	39	19.94	19.97	19.74	21.00
15	16QAM	75	0	19.91	20.10	19.93	21.00
15	64QAM	1	0	19.92	20.12	19.95	21.00
15	64QAM	1	37	19.86	20.00	19.88	21.00
15	64QAM	1	74	19.94	20.14	19.95	21.00
15	64QAM	36	0	18.82	18.99	18.85	20.00
15	64QAM	36	20	19.03	19.21	19.06	20.00
15	64QAM	36	39	18.89	19.04	18.84	20.00
15	64QAM	75	0	18.91	19.02	18.94	20.00
15	256QAM	1	0	16.86	16.98	16.81	18.00
15	256QAM	1	37	16.85	16.94	16.98	18.00
15	256QAM	1	74	16.93	17.01	16.91	18.00
15	256QAM	36	0	16.89	17.03	16.87	18.00
15	256QAM	36	20	17.11	17.08	16.99	18.00
15	256QAM	36	39	17.11	17.14	17.02	18.00
15	256QAM	75	0	17.02	17.06	16.93	18.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	21.95	21.97	21.93	23.00
10	QPSK	1	25	21.79	21.90	21.78	23.00
10	QPSK	1	49	21.66	21.92	21.81	23.00
10	QPSK	25	0	21.08	21.11	20.98	22.00
10	QPSK	25	12	20.99	21.16	20.93	22.00
10	QPSK	25	25	20.94	21.02	20.76	22.00
10	QPSK	50	0	21.01	21.11	20.97	22.00
10	16QAM	1	0	20.99	21.07	21.07	22.00
10	16QAM	1	25	21.06	21.12	21.09	22.00
10	16QAM	1	49	20.94	21.12	21.06	22.00
10	16QAM	25	0	19.95	20.10	19.98	21.00
10	16QAM	25	12	19.82	19.95	19.82	21.00
10	16QAM	25	25	19.98	19.98	19.81	21.00
10	16QAM	50	0	19.97	19.97	19.96	21.00
10	64QAM	1	0	19.87	20.10	19.94	21.00
10	64QAM	1	25	19.95	19.95	19.86	21.00
10	64QAM	1	49	19.96	20.14	19.96	21.00
10	64QAM	25	0	18.74	18.90	18.83	20.00
10	64QAM	25	12	18.99	19.16	19.07	20.00
10	64QAM	25	25	18.85	19.04	18.90	20.00
10	64QAM	50	0	18.89	19.01	18.90	20.00
10	256QAM	1	0	16.88	16.99	16.90	18.00
10	256QAM	1	25	16.90	16.99	16.86	18.00
10	256QAM	1	49	16.82	17.03	16.88	18.00
10	256QAM	25	0	16.99	16.97	16.88	18.00
10	256QAM	25	12	17.04	17.19	16.92	18.00
10	256QAM	25	25	17.04	17.14	17.03	18.00
10	256QAM	50	0	16.98	17.07	16.88	18.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.90	21.89	21.90	23.00
5	QPSK	1	12	21.79	21.93	21.78	23.00
5	QPSK	1	24	21.72	21.91	21.85	23.00
5	QPSK	12	0	21.08	21.21	21.06	22.00
5	QPSK	12	7	21.06	21.04	21.01	22.00
5	QPSK	12	13	20.86	20.98	20.84	22.00
5	QPSK	25	0	21.04	21.11	20.96	22.00



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5	16QAM	1	0	20.96	21.18	21.00	22.00
5	16QAM	1	12	21.07	21.11	21.02	22.00
5	16QAM	1	24	21.04	21.13	21.01	22.00
5	16QAM	12	0	19.93	20.18	19.93	21.00
5	16QAM	12	7	19.92	19.94	19.89	21.00
5	16QAM	12	13	19.92	19.92	19.82	21.00
5	16QAM	25	0	19.93	19.97	19.96	21.00
5	64QAM	1	0	19.93	20.07	19.82	21.00
5	64QAM	1	12	19.95	20.01	19.85	21.00
5	64QAM	1	24	20.05	20.06	19.93	21.00
5	64QAM	12	0	18.77	19.03	18.74	20.00
5	64QAM	12	7	19.06	19.16	19.10	20.00
5	64QAM	12	13	18.92	19.04	18.92	20.00
5	64QAM	25	0	18.88	19.03	18.89	20.00
5	256QAM	1	0	16.97	17.08	16.85	18.00
5	256QAM	1	12	16.87	16.97	16.93	18.00
5	256QAM	1	24	16.87	16.96	16.90	18.00
5	256QAM	12	0	16.92	16.95	16.83	18.00
5	256QAM	12	7	17.11	17.13	16.88	18.00
5	256QAM	12	13	17.05	17.13	17.08	18.00
5	256QAM	25	0	17.00	17.08	16.89	18.00

【LTE Band 42 (27Q)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.02	20.04	20.03	21.50
20	QPSK	1	49	19.96	19.99	19.95	21.50
20	QPSK	1	99	19.97	19.98	19.96	21.50
20	QPSK	50	0	19.86	19.93	19.91	21.50
20	QPSK	50	24	19.85	19.88	19.85	21.50
20	QPSK	50	50	19.86	19.90	19.87	21.50
20	QPSK	100	0	19.86	19.85	19.85	21.50
20	16QAM	1	0	19.86	19.86	19.85	21.50
20	16QAM	1	49	19.85	19.90	19.87	21.50
20	16QAM	1	99	19.85	19.91	19.85	21.50
20	16QAM	50	0	19.76	19.86	19.71	20.80
20	16QAM	50	24	19.83	19.96	19.84	20.80
20	16QAM	50	50	19.77	19.86	19.72	20.80
20	16QAM	100	0	19.81	19.94	19.80	20.80
20	64QAM	1	0	19.76	19.87	19.67	20.80
20	64QAM	1	49	19.68	19.83	19.64	20.80
20	64QAM	1	99	19.84	19.94	19.77	20.80
20	64QAM	50	0	18.89	18.95	18.83	19.80
20	64QAM	50	24	18.61	18.79	18.64	19.80
20	64QAM	50	50	18.70	18.86	18.80	19.80
20	64QAM	100	0	18.71	18.89	18.75	19.80
20	256QAM	1	0	16.85	16.92	16.86	17.80
20	256QAM	1	49	16.91	16.95	16.85	17.80
20	256QAM	1	99	16.85	16.94	16.85	17.80
20	256QAM	50	0	16.86	16.88	16.85	17.80
20	256QAM	50	24	16.85	16.86	16.85	17.80
20	256QAM	50	50	16.87	16.94	16.87	17.80
20	256QAM	100	0	16.86	16.96	16.85	17.80
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.92	20.02	19.90	21.50
15	QPSK	1	37	19.85	19.86	19.88	21.50
15	QPSK	1	74	19.85	19.90	19.92	21.50
15	QPSK	36	0	19.78	19.86	19.82	21.50
15	QPSK	36	20	19.73	19.86	19.73	21.50
15	QPSK	36	39	19.82	19.81	19.77	21.50
15	QPSK	75	0	19.77	19.83	19.81	21.50
15	16QAM	1	0	19.75	19.74	19.77	21.50
15	16QAM	1	37	19.83	19.85	19.83	21.50
15	16QAM	1	74	19.80	19.83	19.70	21.50
15	16QAM	36	0	19.68	19.71	19.66	20.80
15	16QAM	36	20	19.79	19.90	19.76	20.80
15	16QAM	36	39	19.65	19.83	19.66	20.80
15	16QAM	75	0	19.74	19.88	19.78	20.80
15	64QAM	1	0	19.72	19.75	19.53	20.80
15	64QAM	1	37	19.60	19.77	19.53	20.80



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15	64QAM	1	74	19.81	19.82	19.70	20.80
15	64QAM	36	0	18.80	18.89	18.81	19.80
15	64QAM	36	20	18.48	18.68	18.52	19.80
15	64QAM	36	39	18.67	18.78	18.65	19.80
15	64QAM	75	0	18.60	18.79	18.63	19.80
15	256QAM	1	0	16.75	16.90	16.79	17.80
15	256QAM	1	37	16.82	16.90	16.82	17.80
15	256QAM	1	74	16.79	16.85	16.81	17.80
15	256QAM	36	0	16.75	16.76	16.79	17.80
15	256QAM	36	20	16.79	16.82	16.72	17.80
15	256QAM	36	39	16.73	16.79	16.77	17.80
15	256QAM	75	0	16.76	16.83	16.72	17.80
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.98	19.96	19.91	21.50
10	QPSK	1	25	19.82	19.87	19.89	21.50
10	QPSK	1	49	19.86	19.88	19.90	21.50
10	QPSK	25	0	19.83	19.80	19.85	21.50
10	QPSK	25	12	19.78	19.73	19.75	21.50
10	QPSK	25	25	19.71	19.80	19.75	21.50
10	QPSK	50	0	19.74	19.77	19.75	21.50
10	16QAM	1	0	19.76	19.84	19.73	21.50
10	16QAM	1	25	19.72	19.79	19.81	21.50
10	16QAM	1	49	19.76	19.86	19.77	21.50
10	16QAM	25	0	19.75	19.84	19.56	20.80
10	16QAM	25	12	19.68	19.90	19.77	20.80
10	16QAM	25	25	19.69	19.71	19.70	20.80
10	16QAM	50	0	19.74	19.81	19.78	20.80
10	64QAM	1	0	19.63	19.74	19.57	20.80
10	64QAM	1	25	19.59	19.74	19.60	20.80
10	64QAM	1	49	19.71	19.81	19.71	20.80
10	64QAM	25	0	18.75	18.86	18.77	19.80
10	64QAM	25	12	18.55	18.67	18.59	19.80
10	64QAM	25	25	18.61	18.77	18.74	19.80
10	64QAM	50	0	18.65	18.80	18.66	19.80
10	256QAM	1	0	16.73	16.84	16.80	17.80
10	256QAM	1	25	16.80	16.94	16.81	17.80
10	256QAM	1	49	16.82	16.79	16.72	17.80
10	256QAM	25	0	16.77	16.77	16.70	17.80
10	256QAM	25	12	16.79	16.79	16.76	17.80
10	256QAM	25	25	16.85	16.91	16.79	17.80
10	256QAM	50	0	16.77	16.84	16.76	17.80
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.97	20.07	19.98	21.50
5	QPSK	1	12	19.82	19.91	19.81	21.50
5	QPSK	1	24	19.82	19.86	19.88	21.50
5	QPSK	12	0	19.81	19.81	19.87	21.50
5	QPSK	12	7	19.70	19.85	19.79	21.50
5	QPSK	12	13	19.80	19.75	19.85	21.50
5	QPSK	25	0	19.73	19.80	19.79	21.50
5	16QAM	1	0	19.74	19.75	19.81	21.50
5	16QAM	1	12	19.83	19.77	19.74	21.50
5	16QAM	1	24	19.80	19.78	19.80	21.50
5	16QAM	12	0	19.73	19.82	19.57	20.80
5	16QAM	12	7	19.75	19.84	19.71	20.80
5	16QAM	12	13	19.63	19.85	19.62	20.80
5	16QAM	25	0	19.80	19.92	19.76	20.80
5	64QAM	1	0	19.68	19.75	19.55	20.80
5	64QAM	1	12	19.57	19.76	19.55	20.80
5	64QAM	1	24	19.71	19.82	19.68	20.80
5	64QAM	12	0	18.83	18.91	18.69	19.80
5	64QAM	12	7	18.49	18.74	18.55	19.80
5	64QAM	12	13	18.62	18.80	18.72	19.80
5	64QAM	25	0	18.65	18.77	18.71	19.80
5	256QAM	1	0	16.80	16.78	16.82	17.80
5	256QAM	1	12	16.80	16.87	16.82	17.80
5	256QAM	1	24	16.81	16.87	16.83	17.80
5	256QAM	12	0	16.85	16.82	16.79	17.80
5	256QAM	12	7	16.71	16.75	16.83	17.80
5	256QAM	12	13	16.78	16.80	16.80	17.80
5	256QAM	25	0	16.76	16.84	16.71	17.80



【LTE Band 42 (27Q)_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.01	22.03	21.97	23.00
20	QPSK	1	49	21.92	22.00	21.87	23.00
20	QPSK	1	99	21.81	21.97	21.87	23.00
20	QPSK	50	0	21.16	21.24	21.11	22.00
20	QPSK	50	24	21.10	21.19	21.03	22.00
20	QPSK	50	50	21.01	21.05	20.90	22.00
20	QPSK	100	0	21.06	21.20	21.05	22.00
20	16QAM	1	0	21.02	21.19	21.11	22.00
20	16QAM	1	49	21.15	21.24	21.14	22.00
20	16QAM	1	99	21.08	21.22	21.07	22.00
20	16QAM	50	0	20.04	20.19	20.06	21.00
20	16QAM	50	24	19.93	20.08	19.93	21.00
20	16QAM	50	50	20.02	20.05	19.88	21.00
20	16QAM	100	0	19.99	20.11	20.03	21.00
20	64QAM	1	0	19.98	20.14	19.97	21.00
20	64QAM	1	49	19.99	20.07	19.95	21.00
20	64QAM	1	99	20.07	20.18	19.98	21.00
20	64QAM	50	0	18.88	19.04	18.89	20.00
20	64QAM	50	24	19.08	19.22	19.15	20.00
20	64QAM	50	50	18.98	19.06	18.98	20.00
20	64QAM	100	0	19.03	19.09	18.96	20.00
20	256QAM	1	0	17.01	17.12	16.94	18.00
20	256QAM	1	49	16.98	17.08	16.99	18.00
20	256QAM	1	99	16.95	17.05	16.97	18.00
20	256QAM	50	0	17.01	17.08	16.91	18.00
20	256QAM	50	24	17.13	17.22	17.03	18.00
20	256QAM	50	50	17.12	17.21	17.14	18.00
20	256QAM	100	0	17.06	17.13	16.98	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.94	21.96	21.83	23.00
15	QPSK	1	37	21.79	21.97	21.78	23.00
15	QPSK	1	74	21.71	21.84	21.73	23.00
15	QPSK	36	0	21.11	21.23	21.05	22.00
15	QPSK	36	20	20.95	21.17	20.92	22.00
15	QPSK	36	39	20.94	20.98	20.76	22.00
15	QPSK	75	0	20.96	21.11	20.99	22.00
15	16QAM	1	0	20.96	21.08	21.04	22.00
15	16QAM	1	37	21.01	21.09	21.02	22.00
15	16QAM	1	74	20.94	21.08	20.93	22.00
15	16QAM	36	0	19.92	20.08	20.00	21.00
15	16QAM	36	20	19.78	19.94	19.87	21.00
15	16QAM	36	39	19.94	19.97	19.74	21.00
15	16QAM	75	0	19.91	20.10	19.93	21.00
15	64QAM	1	0	19.92	20.12	19.95	21.00
15	64QAM	1	37	19.86	20.00	19.88	21.00
15	64QAM	1	74	19.94	20.14	19.95	21.00
15	64QAM	36	0	18.82	18.99	18.85	20.00
15	64QAM	36	20	19.03	19.21	19.06	20.00
15	64QAM	36	39	18.89	19.04	18.84	20.00
15	64QAM	75	0	18.91	19.02	18.94	20.00
15	256QAM	1	0	16.86	16.98	16.81	18.00
15	256QAM	1	37	16.85	16.94	16.98	18.00
15	256QAM	1	74	16.93	17.01	16.91	18.00
15	256QAM	36	0	16.89	17.03	16.87	18.00
15	256QAM	36	20	17.11	17.08	16.99	18.00
15	256QAM	36	39	17.11	17.14	17.02	18.00
15	256QAM	75	0	17.02	17.06	16.93	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.95	21.97	21.93	23.00
10	QPSK	1	25	21.79	21.90	21.78	23.00
10	QPSK	1	49	21.66	21.92	21.81	23.00
10	QPSK	25	0	21.08	21.11	20.98	22.00
10	QPSK	25	12	20.99	21.16	20.93	22.00
10	QPSK	25	25	20.94	21.02	20.76	22.00
10	QPSK	50	0	21.01	21.11	20.97	22.00
10	16QAM	1	0	20.99	21.07	21.07	22.00
10	16QAM	1	25	21.06	21.12	21.09	22.00
10	16QAM	1	49	20.94	21.12	21.06	22.00



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10	16QAM	25	0	19.95	20.10	19.98	21.00
10	16QAM	25	12	19.82	19.95	19.82	21.00
10	16QAM	25	25	19.98	19.98	19.81	21.00
10	16QAM	50	0	19.97	19.97	19.96	21.00
10	64QAM	1	0	19.87	20.10	19.94	21.00
10	64QAM	1	25	19.95	19.95	19.86	21.00
10	64QAM	1	49	19.96	20.14	19.96	21.00
10	64QAM	25	0	18.74	18.90	18.83	20.00
10	64QAM	25	12	18.99	19.16	19.07	20.00
10	64QAM	25	25	18.85	19.04	18.90	20.00
10	64QAM	50	0	18.89	19.01	18.90	20.00
10	256QAM	1	0	16.88	16.99	16.90	18.00
10	256QAM	1	25	16.90	16.99	16.86	18.00
10	256QAM	1	49	16.82	17.03	16.88	18.00
10	256QAM	25	0	16.99	16.97	16.88	18.00
10	256QAM	25	12	17.04	17.19	16.92	18.00
10	256QAM	25	25	17.04	17.14	17.03	18.00
10	256QAM	50	0	16.98	17.07	16.88	18.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	21.90	21.89	21.90	23.00
5	QPSK	1	12	21.79	21.93	21.78	23.00
5	QPSK	1	24	21.72	21.91	21.85	23.00
5	QPSK	12	0	21.08	21.21	21.06	22.00
5	QPSK	12	7	21.06	21.04	21.01	22.00
5	QPSK	12	13	20.86	20.98	20.84	22.00
5	QPSK	25	0	21.04	21.11	20.96	22.00
5	16QAM	1	0	20.96	21.18	21.00	22.00
5	16QAM	1	12	21.07	21.11	21.02	22.00
5	16QAM	1	24	21.04	21.13	21.01	22.00
5	16QAM	12	0	19.93	20.18	19.93	21.00
5	16QAM	12	7	19.92	19.94	19.89	21.00
5	16QAM	12	13	19.92	19.92	19.82	21.00
5	16QAM	25	0	19.93	19.97	19.96	21.00
5	64QAM	1	0	19.93	20.07	19.82	21.00
5	64QAM	1	12	19.95	20.01	19.85	21.00
5	64QAM	1	24	20.05	20.06	19.93	21.00
5	64QAM	12	0	18.77	19.03	18.74	20.00
5	64QAM	12	7	19.06	19.16	19.10	20.00
5	64QAM	12	13	18.92	19.04	18.92	20.00
5	64QAM	25	0	18.88	19.03	18.89	20.00
5	256QAM	1	0	16.97	17.08	16.85	18.00
5	256QAM	1	12	16.87	16.97	16.93	18.00
5	256QAM	1	24	16.87	16.96	16.90	18.00
5	256QAM	12	0	16.92	16.95	16.83	18.00
5	256QAM	12	7	17.11	17.13	16.88	18.00
5	256QAM	12	13	17.05	17.13	17.08	18.00
5	256QAM	25	0	17.00	17.08	16.89	18.00

【LTE Band 42 (27Q)_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	15.45	15.47	15.45	17.10
20	QPSK	1	49	15.41	15.44	15.30	17.10
20	QPSK	1	99	15.34	15.40	15.35	17.10
20	QPSK	50	0	15.38	15.46	15.35	17.10
20	QPSK	50	24	15.30	15.31	15.34	17.10
20	QPSK	50	50	15.32	15.31	15.33	17.10
20	QPSK	100	0	15.31	15.38	15.31	17.10
20	16QAM	1	0	15.40	15.34	15.35	17.10
20	16QAM	1	49	15.32	15.38	15.36	17.10
20	16QAM	1	99	15.42	15.36	15.31	17.10
20	16QAM	50	0	15.38	15.33	15.36	17.10
20	16QAM	50	24	15.32	15.34	15.30	17.10
20	16QAM	50	50	15.38	15.34	15.33	17.10
20	16QAM	100	0	15.42	15.37	15.35	17.10
20	64QAM	1	0	15.37	15.33	15.27	17.10
20	64QAM	1	49	15.31	15.35	15.31	17.10
20	64QAM	1	99	15.31	15.42	15.28	17.10
20	64QAM	50	0	15.32	15.39	15.33	17.10
20	64QAM	50	24	15.39	15.33	15.37	17.10



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20	64QAM	50	50	15.38	15.41	15.34	17.10
20	64QAM	100	0	15.34	15.39	15.33	17.10
20	256QAM	1	0	15.31	15.41	15.31	17.10
20	256QAM	1	49	15.37	15.40	15.31	17.10
20	256QAM	1	99	15.39	15.36	15.37	17.10
20	256QAM	50	0	15.35	15.41	15.28	17.10
20	256QAM	50	24	15.31	15.41	15.34	17.10
20	256QAM	50	50	15.41	15.33	15.27	17.10
20	256QAM	100	0	15.38	15.44	15.33	17.10
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	15.41	15.39	15.34	17.10
15	QPSK	1	37	15.38	15.38	15.23	17.10
15	QPSK	1	74	15.27	15.26	15.32	17.10
15	QPSK	36	0	15.26	15.32	15.29	17.10
15	QPSK	36	20	15.25	15.22	15.33	17.10
15	QPSK	36	39	15.38	15.38	15.25	17.10
15	QPSK	75	0	15.20	15.23	15.23	17.10
15	16QAM	1	0	15.36	15.20	15.25	17.10
15	16QAM	1	37	15.22	15.27	15.23	17.10
15	16QAM	1	74	15.35	15.25	15.23	17.10
15	16QAM	36	0	15.24	15.31	15.29	17.10
15	16QAM	36	20	15.23	15.33	15.16	17.10
15	16QAM	36	39	15.26	15.24	15.23	17.10
15	16QAM	75	0	15.39	15.32	15.23	17.10
15	64QAM	1	0	15.35	15.28	15.25	17.10
15	64QAM	1	37	15.29	15.31	15.21	17.10
15	64QAM	1	74	15.24	15.29	15.16	17.10
15	64QAM	36	0	15.23	15.32	15.28	17.10
15	64QAM	36	20	15.25	15.25	15.34	17.10
15	64QAM	36	39	15.33	15.33	15.31	17.10
15	64QAM	75	0	15.24	15.29	15.31	17.10
15	256QAM	1	0	15.25	15.32	15.21	17.10
15	256QAM	1	37	15.25	15.26	15.24	17.10
15	256QAM	1	74	15.35	15.35	15.25	17.10
15	256QAM	36	0	15.23	15.29	15.19	17.10
15	256QAM	36	20	15.24	15.39	15.21	17.10
15	256QAM	36	39	15.28	15.25	15.13	17.10
15	256QAM	75	0	15.26	15.39	15.29	17.10
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	15.43	15.36	15.39	17.10
10	QPSK	1	25	15.38	15.35	15.17	17.10
10	QPSK	1	49	15.20	15.34	15.29	17.10
10	QPSK	25	0	15.36	15.36	15.27	17.10
10	QPSK	25	12	15.17	15.21	15.27	17.10
10	QPSK	25	25	15.31	15.29	15.28	17.10
10	QPSK	50	0	15.25	15.28	15.30	17.10
10	16QAM	1	0	15.32	15.30	15.25	17.10
10	16QAM	1	25	15.28	15.36	15.26	17.10
10	16QAM	1	49	15.40	15.30	15.27	17.10
10	16QAM	25	0	15.23	15.28	15.34	17.10
10	16QAM	25	12	15.26	15.27	15.19	17.10
10	16QAM	25	25	15.33	15.27	15.25	17.10
10	16QAM	50	0	15.38	15.33	15.27	17.10
10	64QAM	1	0	15.26	15.31	15.16	17.10
10	64QAM	1	25	15.28	15.33	15.30	17.10
10	64QAM	1	49	15.20	15.41	15.23	17.10
10	64QAM	25	0	15.30	15.26	15.30	17.10
10	64QAM	25	12	15.25	15.27	15.26	17.10
10	64QAM	25	25	15.27	15.39	15.22	17.10
10	64QAM	50	0	15.28	15.24	15.22	17.10
10	256QAM	1	0	15.28	15.34	15.26	17.10
10	256QAM	1	25	15.32	15.29	15.21	17.10
10	256QAM	1	49	15.26	15.35	15.34	17.10
10	256QAM	25	0	15.22	15.37	15.25	17.10
10	256QAM	25	12	15.28	15.36	15.31	17.10
10	256QAM	25	25	15.29	15.29	15.26	17.10
10	256QAM	50	0	15.37	15.34	15.28	17.10
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	15.39	15.42	15.37	17.10
5	QPSK	1	12	15.39	15.30	15.16	17.10
5	QPSK	1	24	15.26	15.36	15.30	17.10
5	QPSK	12	0	15.35	15.44	15.32	17.10
5	QPSK	12	7	15.25	15.21	15.30	17.10
5	QPSK	12	13	15.32	15.36	15.19	17.10
5	QPSK	25	0	15.24	15.30	15.23	17.10



5	16QAM	1	0	15.35	15.20	15.29	17.10
5	16QAM	1	12	15.18	15.27	15.23	17.10
5	16QAM	1	24	15.33	15.27	15.20	17.10
5	16QAM	12	0	15.27	15.20	15.27	17.10
5	16QAM	12	7	15.18	15.25	15.24	17.10
5	16QAM	12	13	15.36	15.19	15.30	17.10
5	16QAM	25	0	15.38	15.29	15.27	17.10
5	64QAM	1	0	15.25	15.27	15.21	17.10
5	64QAM	1	12	15.17	15.21	15.28	17.10
5	64QAM	1	24	15.19	15.37	15.19	17.10
5	64QAM	12	0	15.26	15.30	15.27	17.10
5	64QAM	12	7	15.25	15.21	15.29	17.10
5	64QAM	12	13	15.34	15.40	15.23	17.10
5	64QAM	25	0	15.25	15.35	15.27	17.10
5	256QAM	1	0	15.17	15.40	15.25	17.10
5	256QAM	1	12	15.29	15.31	15.22	17.10
5	256QAM	1	24	15.25	15.28	15.35	17.10
5	256QAM	12	0	15.24	15.30	15.24	17.10
5	256QAM	12	7	15.29	15.27	15.27	17.10
5	256QAM	12	13	15.32	15.29	15.15	17.10
5	256QAM	25	0	15.29	15.40	15.18	17.10

【LTE Band 42 (27Q)_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.02	20.04	20.03	21.50
20	QPSK	1	49	19.96	19.99	19.95	21.50
20	QPSK	1	99	19.97	19.98	19.96	21.50
20	QPSK	50	0	19.86	19.93	19.91	21.50
20	QPSK	50	24	19.85	19.88	19.85	21.50
20	QPSK	50	50	19.86	19.90	19.87	21.50
20	QPSK	100	0	19.86	19.85	19.85	21.50
20	16QAM	1	0	19.86	19.86	19.85	21.50
20	16QAM	1	49	19.85	19.90	19.87	21.50
20	16QAM	1	99	19.85	19.91	19.85	21.50
20	16QAM	50	0	19.76	19.86	19.71	20.80
20	16QAM	50	24	19.83	19.96	19.84	20.80
20	16QAM	50	50	19.77	19.86	19.72	20.80
20	16QAM	100	0	19.81	19.94	19.80	20.80
20	64QAM	1	0	19.76	19.87	19.67	20.80
20	64QAM	1	49	19.68	19.83	19.64	20.80
20	64QAM	1	99	19.84	19.94	19.77	20.80
20	64QAM	50	0	18.89	18.95	18.83	19.80
20	64QAM	50	24	18.61	18.79	18.64	19.80
20	64QAM	50	50	18.70	18.86	18.80	19.80
20	64QAM	100	0	18.71	18.89	18.75	19.80
20	256QAM	1	0	16.85	16.92	16.86	17.80
20	256QAM	1	49	16.91	16.95	16.85	17.80
20	256QAM	1	99	16.85	16.94	16.85	17.80
20	256QAM	50	0	16.86	16.88	16.85	17.80
20	256QAM	50	24	16.85	16.86	16.85	17.80
20	256QAM	50	50	16.87	16.94	16.87	17.80
20	256QAM	100	0	16.86	16.96	16.85	17.80
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.92	20.02	19.90	21.50
15	QPSK	1	37	19.85	19.86	19.88	21.50
15	QPSK	1	74	19.85	19.90	19.92	21.50
15	QPSK	36	0	19.78	19.86	19.82	21.50
15	QPSK	36	20	19.73	19.86	19.73	21.50
15	QPSK	36	39	19.82	19.81	19.77	21.50
15	QPSK	75	0	19.77	19.83	19.81	21.50
15	16QAM	1	0	19.75	19.74	19.77	21.50
15	16QAM	1	37	19.83	19.85	19.83	21.50
15	16QAM	1	74	19.80	19.83	19.70	21.50
15	16QAM	36	0	19.68	19.71	19.66	20.80
15	16QAM	36	20	19.79	19.90	19.76	20.80
15	16QAM	36	39	19.65	19.83	19.66	20.80
15	16QAM	75	0	19.74	19.88	19.78	20.80
15	64QAM	1	0	19.72	19.75	19.53	20.80
15	64QAM	1	37	19.60	19.77	19.53	20.80



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15	64QAM	1	74	19.81	19.82	19.70	20.80
15	64QAM	36	0	18.80	18.89	18.81	19.80
15	64QAM	36	20	18.48	18.68	18.52	19.80
15	64QAM	36	39	18.67	18.78	18.65	19.80
15	64QAM	75	0	18.60	18.79	18.63	19.80
15	256QAM	1	0	16.75	16.90	16.79	17.80
15	256QAM	1	37	16.82	16.90	16.82	17.80
15	256QAM	1	74	16.79	16.85	16.81	17.80
15	256QAM	36	0	16.75	16.76	16.79	17.80
15	256QAM	36	20	16.79	16.82	16.72	17.80
15	256QAM	36	39	16.73	16.79	16.77	17.80
15	256QAM	75	0	16.76	16.83	16.72	17.80
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.98	19.96	19.91	21.50
10	QPSK	1	25	19.82	19.87	19.89	21.50
10	QPSK	1	49	19.86	19.88	19.90	21.50
10	QPSK	25	0	19.83	19.80	19.85	21.50
10	QPSK	25	12	19.78	19.73	19.75	21.50
10	QPSK	25	25	19.71	19.80	19.75	21.50
10	QPSK	50	0	19.74	19.77	19.75	21.50
10	16QAM	1	0	19.76	19.84	19.73	21.50
10	16QAM	1	25	19.72	19.79	19.81	21.50
10	16QAM	1	49	19.76	19.86	19.77	21.50
10	16QAM	25	0	19.75	19.84	19.56	20.80
10	16QAM	25	12	19.68	19.90	19.77	20.80
10	16QAM	25	25	19.69	19.71	19.70	20.80
10	16QAM	50	0	19.74	19.81	19.78	20.80
10	64QAM	1	0	19.63	19.74	19.57	20.80
10	64QAM	1	25	19.59	19.74	19.60	20.80
10	64QAM	1	49	19.71	19.81	19.71	20.80
10	64QAM	25	0	18.75	18.86	18.77	19.80
10	64QAM	25	12	18.55	18.67	18.59	19.80
10	64QAM	25	25	18.61	18.77	18.74	19.80
10	64QAM	50	0	18.65	18.80	18.66	19.80
10	256QAM	1	0	16.73	16.84	16.80	17.80
10	256QAM	1	25	16.80	16.94	16.81	17.80
10	256QAM	1	49	16.82	16.79	16.72	17.80
10	256QAM	25	0	16.77	16.77	16.70	17.80
10	256QAM	25	12	16.79	16.79	16.76	17.80
10	256QAM	25	25	16.85	16.91	16.79	17.80
10	256QAM	50	0	16.77	16.84	16.76	17.80
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.97	20.07	19.98	21.50
5	QPSK	1	12	19.82	19.91	19.81	21.50
5	QPSK	1	24	19.82	19.86	19.88	21.50
5	QPSK	12	0	19.81	19.81	19.87	21.50
5	QPSK	12	7	19.70	19.85	19.79	21.50
5	QPSK	12	13	19.80	19.75	19.85	21.50
5	QPSK	25	0	19.73	19.80	19.79	21.50
5	16QAM	1	0	19.74	19.75	19.81	21.50
5	16QAM	1	12	19.83	19.77	19.74	21.50
5	16QAM	1	24	19.80	19.78	19.80	21.50
5	16QAM	12	0	19.73	19.82	19.57	20.80
5	16QAM	12	7	19.75	19.84	19.71	20.80
5	16QAM	12	13	19.63	19.85	19.62	20.80
5	16QAM	25	0	19.80	19.92	19.76	20.80
5	64QAM	1	0	19.68	19.75	19.55	20.80
5	64QAM	1	12	19.57	19.76	19.55	20.80
5	64QAM	1	24	19.71	19.82	19.68	20.80
5	64QAM	12	0	18.83	18.91	18.69	19.80
5	64QAM	12	7	18.49	18.74	18.55	19.80
5	64QAM	12	13	18.62	18.80	18.72	19.80
5	64QAM	25	0	18.65	18.77	18.71	19.80
5	256QAM	1	0	16.80	16.78	16.82	17.80
5	256QAM	1	12	16.80	16.87	16.82	17.80
5	256QAM	1	24	16.81	16.87	16.83	17.80
5	256QAM	12	0	16.85	16.82	16.79	17.80
5	256QAM	12	7	16.71	16.75	16.83	17.80
5	256QAM	12	13	16.78	16.80	16.80	17.80
5	256QAM	25	0	16.76	16.84	16.71	17.80

**【LTE Band 42 (27Q)_Ant 6_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.01	22.03	21.97	23.00
20	QPSK	1	49	21.92	22.00	21.87	23.00
20	QPSK	1	99	21.81	21.97	21.87	23.00
20	QPSK	50	0	21.16	21.24	21.11	22.00
20	QPSK	50	24	21.10	21.19	21.03	22.00
20	QPSK	50	50	21.01	21.05	20.90	22.00
20	QPSK	100	0	21.06	21.20	21.05	22.00
20	16QAM	1	0	21.02	21.19	21.11	22.00
20	16QAM	1	49	21.15	21.24	21.14	22.00
20	16QAM	1	99	21.08	21.22	21.07	22.00
20	16QAM	50	0	20.04	20.19	20.06	21.00
20	16QAM	50	24	19.93	20.08	19.93	21.00
20	16QAM	50	50	20.02	20.05	19.88	21.00
20	16QAM	100	0	19.99	20.11	20.03	21.00
20	64QAM	1	0	19.98	20.14	19.97	21.00
20	64QAM	1	49	19.99	20.07	19.95	21.00
20	64QAM	1	99	20.07	20.18	19.98	21.00
20	64QAM	50	0	18.88	19.04	18.89	20.00
20	64QAM	50	24	19.08	19.22	19.15	20.00
20	64QAM	50	50	18.98	19.06	18.98	20.00
20	64QAM	100	0	19.03	19.09	18.96	20.00
20	256QAM	1	0	17.01	17.12	16.94	18.00
20	256QAM	1	49	16.98	17.08	16.99	18.00
20	256QAM	1	99	16.95	17.05	16.97	18.00
20	256QAM	50	0	17.01	17.08	16.91	18.00
20	256QAM	50	24	17.13	17.22	17.03	18.00
20	256QAM	50	50	17.12	17.21	17.14	18.00
20	256QAM	100	0	17.06	17.13	16.98	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.94	21.96	21.83	23.00
15	QPSK	1	37	21.79	21.97	21.78	23.00
15	QPSK	1	74	21.71	21.84	21.73	23.00
15	QPSK	36	0	21.11	21.23	21.05	22.00
15	QPSK	36	20	20.95	21.17	20.92	22.00
15	QPSK	36	39	20.94	20.98	20.76	22.00
15	QPSK	75	0	20.96	21.11	20.99	22.00
15	16QAM	1	0	20.96	21.08	21.04	22.00
15	16QAM	1	37	21.01	21.09	21.02	22.00
15	16QAM	1	74	20.94	21.08	20.93	22.00
15	16QAM	36	0	19.92	20.08	20.00	21.00
15	16QAM	36	20	19.78	19.94	19.87	21.00
15	16QAM	36	39	19.94	19.97	19.74	21.00
15	16QAM	75	0	19.91	20.10	19.93	21.00
15	64QAM	1	0	19.92	20.12	19.95	21.00
15	64QAM	1	37	19.86	20.00	19.88	21.00
15	64QAM	1	74	19.94	20.14	19.95	21.00
15	64QAM	36	0	18.82	18.99	18.85	20.00
15	64QAM	36	20	19.03	19.21	19.06	20.00
15	64QAM	36	39	18.89	19.04	18.84	20.00
15	64QAM	75	0	18.91	19.02	18.94	20.00
15	256QAM	1	0	16.86	16.98	16.81	18.00
15	256QAM	1	37	16.85	16.94	16.98	18.00
15	256QAM	1	74	16.93	17.01	16.91	18.00
15	256QAM	36	0	16.89	17.03	16.87	18.00
15	256QAM	36	20	17.11	17.08	16.99	18.00
15	256QAM	36	39	17.11	17.14	17.02	18.00
15	256QAM	75	0	17.02	17.06	16.93	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.95	21.97	21.93	23.00
10	QPSK	1	25	21.79	21.90	21.78	23.00
10	QPSK	1	49	21.66	21.92	21.81	23.00
10	QPSK	25	0	21.08	21.11	20.98	22.00
10	QPSK	25	12	20.99	21.16	20.93	22.00
10	QPSK	25	25	20.94	21.02	20.76	22.00
10	QPSK	50	0	21.01	21.11	20.97	22.00
10	16QAM	1	0	20.99	21.07	21.07	22.00
10	16QAM	1	25	21.06	21.12	21.09	22.00
10	16QAM	1	49	20.94	21.12	21.06	22.00



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10	16QAM	25	0	19.95	20.10	19.98	21.00
10	16QAM	25	12	19.82	19.95	19.82	21.00
10	16QAM	25	25	19.98	19.98	19.81	21.00
10	16QAM	50	0	19.97	19.97	19.96	21.00
10	64QAM	1	0	19.87	20.10	19.94	21.00
10	64QAM	1	25	19.95	19.95	19.86	21.00
10	64QAM	1	49	19.96	20.14	19.96	21.00
10	64QAM	25	0	18.74	18.90	18.83	20.00
10	64QAM	25	12	18.99	19.16	19.07	20.00
10	64QAM	25	25	18.85	19.04	18.90	20.00
10	64QAM	50	0	18.89	19.01	18.90	20.00
10	256QAM	1	0	16.88	16.99	16.90	18.00
10	256QAM	1	25	16.90	16.99	16.86	18.00
10	256QAM	1	49	16.82	17.03	16.88	18.00
10	256QAM	25	0	16.99	16.97	16.88	18.00
10	256QAM	25	12	17.04	17.19	16.92	18.00
10	256QAM	25	25	17.04	17.14	17.03	18.00
10	256QAM	50	0	16.98	17.07	16.88	18.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	21.90	21.89	21.90	23.00
5	QPSK	1	12	21.79	21.93	21.78	23.00
5	QPSK	1	24	21.72	21.91	21.85	23.00
5	QPSK	12	0	21.08	21.21	21.06	22.00
5	QPSK	12	7	21.06	21.04	21.01	22.00
5	QPSK	12	13	20.86	20.98	20.84	22.00
5	QPSK	25	0	21.04	21.11	20.96	22.00
5	16QAM	1	0	20.96	21.18	21.00	22.00
5	16QAM	1	12	21.07	21.11	21.02	22.00
5	16QAM	1	24	21.04	21.13	21.01	22.00
5	16QAM	12	0	19.93	20.18	19.93	21.00
5	16QAM	12	7	19.92	19.94	19.89	21.00
5	16QAM	12	13	19.92	19.92	19.82	21.00
5	16QAM	25	0	19.93	19.97	19.96	21.00
5	64QAM	1	0	19.93	20.07	19.82	21.00
5	64QAM	1	12	19.95	20.01	19.85	21.00
5	64QAM	1	24	20.05	20.06	19.93	21.00
5	64QAM	12	0	18.77	19.03	18.74	20.00
5	64QAM	12	7	19.06	19.16	19.10	20.00
5	64QAM	12	13	18.92	19.04	18.92	20.00
5	64QAM	25	0	18.88	19.03	18.89	20.00
5	256QAM	1	0	16.97	17.08	16.85	18.00
5	256QAM	1	12	16.87	16.97	16.93	18.00
5	256QAM	1	24	16.87	16.96	16.90	18.00
5	256QAM	12	0	16.92	16.95	16.83	18.00
5	256QAM	12	7	17.11	17.13	16.88	18.00
5	256QAM	12	13	17.05	17.13	17.08	18.00
5	256QAM	25	0	17.00	17.08	16.89	18.00

【LTE Band 42 (27Q)_Ant 8_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	23.11	23.25	23.17	24.00
20	QPSK	1	49	22.84	23.00	22.79	24.00
20	QPSK	1	99	22.74	22.93	22.76	24.00
20	QPSK	50	0	22.15	22.19	22.11	23.00
20	QPSK	50	24	21.77	22.04	21.86	23.00
20	QPSK	50	50	21.88	22.04	21.82	23.00
20	QPSK	100	0	21.91	22.14	21.92	23.00
20	16QAM	1	0	21.88	22.10	21.88	23.00
20	16QAM	1	49	21.94	22.15	22.05	23.00
20	16QAM	1	99	21.80	22.08	21.91	23.00
20	16QAM	50	0	20.86	21.08	20.98	22.00
20	16QAM	50	24	20.96	21.10	20.93	22.00
20	16QAM	50	50	20.97	21.13	20.92	22.00
20	16QAM	100	0	21.04	21.21	21.10	22.00
20	64QAM	1	0	20.91	21.08	20.99	22.00
20	64QAM	1	49	20.90	21.06	20.87	22.00
20	64QAM	1	99	20.88	21.10	20.98	22.00
20	64QAM	50	0	19.86	20.12	19.98	21.00
20	64QAM	50	24	19.99	20.13	20.02	21.00



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20	64QAM	50	50	19.90	20.06	19.95	21.00
20	64QAM	100	0	19.98	20.13	19.98	21.00
20	256QAM	1	0	17.95	18.16	18.08	19.00
20	256QAM	1	49	18.01	18.20	18.09	19.00
20	256QAM	1	99	17.93	18.07	17.86	19.00
20	256QAM	50	0	17.98	18.19	18.08	19.00
20	256QAM	50	24	18.02	18.17	18.06	19.00
20	256QAM	50	50	18.01	18.26	18.17	19.00
20	256QAM	100	0	17.88	18.04	17.84	19.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.09	23.22	23.09	24.00
15	QPSK	1	37	22.82	22.90	22.71	24.00
15	QPSK	1	74	22.59	22.84	22.70	24.00
15	QPSK	36	0	22.04	22.07	22.04	23.00
15	QPSK	36	20	21.69	21.95	21.81	23.00
15	QPSK	36	39	21.78	21.98	21.70	23.00
15	QPSK	75	0	21.81	22.03	21.88	23.00
15	16QAM	1	0	21.77	22.06	21.74	23.00
15	16QAM	1	37	21.84	22.02	22.02	23.00
15	16QAM	1	74	21.65	22.01	21.77	23.00
15	16QAM	36	0	20.83	21.02	20.85	22.00
15	16QAM	36	20	20.91	21.06	20.83	22.00
15	16QAM	36	39	20.84	21.02	20.88	22.00
15	16QAM	75	0	21.01	21.13	21.00	22.00
15	64QAM	1	0	20.83	21.06	20.96	22.00
15	64QAM	1	37	20.78	21.00	20.78	22.00
15	64QAM	1	74	20.84	20.97	20.93	22.00
15	64QAM	36	0	19.77	20.01	19.96	21.00
15	64QAM	36	20	19.94	20.11	19.89	21.00
15	64QAM	36	39	19.78	19.98	19.87	21.00
15	64QAM	75	0	19.91	20.01	19.84	21.00
15	256QAM	1	0	17.88	18.12	17.94	19.00
15	256QAM	1	37	17.96	18.17	17.99	19.00
15	256QAM	1	74	17.82	17.96	17.75	19.00
15	256QAM	36	0	17.89	18.10	18.03	19.00
15	256QAM	36	20	17.92	18.05	18.03	19.00
15	256QAM	36	39	17.99	18.14	18.02	19.00
15	256QAM	75	0	17.75	17.98	17.78	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.97	23.17	23.12	24.00
10	QPSK	1	25	22.72	22.98	22.64	24.00
10	QPSK	1	49	22.65	22.88	22.73	24.00
10	QPSK	25	0	22.12	22.14	21.99	23.00
10	QPSK	25	12	21.66	22.00	21.75	23.00
10	QPSK	25	25	21.82	21.97	21.70	23.00
10	QPSK	50	0	21.87	22.09	21.86	23.00
10	16QAM	1	0	21.83	22.07	21.76	23.00
10	16QAM	1	25	21.89	22.03	22.01	23.00
10	16QAM	1	49	21.74	22.05	21.85	23.00
10	16QAM	25	0	20.77	20.93	20.89	22.00
10	16QAM	25	12	20.92	20.98	20.79	22.00
10	16QAM	25	25	20.83	20.99	20.84	22.00
10	16QAM	50	0	20.99	21.13	21.06	22.00
10	64QAM	1	0	20.76	21.07	20.94	22.00
10	64QAM	1	25	20.86	20.98	20.85	22.00
10	64QAM	1	49	20.78	20.99	20.91	22.00
10	64QAM	25	0	19.72	20.11	19.84	21.00
10	64QAM	25	12	19.89	20.07	19.93	21.00
10	64QAM	25	25	19.79	19.97	19.92	21.00
10	64QAM	50	0	19.90	20.07	19.84	21.00
10	256QAM	1	0	17.88	18.14	17.96	19.00
10	256QAM	1	25	17.87	18.18	17.94	19.00
10	256QAM	1	49	17.87	17.98	17.81	19.00
10	256QAM	25	0	17.90	18.16	18.05	19.00
10	256QAM	25	12	17.97	18.05	17.93	19.00
10	256QAM	25	25	17.96	18.18	18.08	19.00
10	256QAM	50	0	17.86	18.03	17.82	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	23.04	23.16	23.06	24.00
5	QPSK	1	12	22.80	22.86	22.71	24.00
5	QPSK	1	24	22.61	22.85	22.71	24.00
5	QPSK	12	0	22.03	22.06	22.00	23.00
5	QPSK	12	7	21.69	21.91	21.81	23.00
5	QPSK	12	13	21.87	21.92	21.77	23.00
5	QPSK	25	0	21.83	22.12	21.89	23.00



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5	16QAM	1	0	21.80	22.08	21.75	23.00
5	16QAM	1	12	21.90	22.11	21.90	23.00
5	16QAM	1	24	21.72	22.05	21.78	23.00
5	16QAM	12	0	20.76	20.95	20.86	22.00
5	16QAM	12	7	20.87	21.00	20.82	22.00
5	16QAM	12	13	20.90	21.11	20.83	22.00
5	16QAM	25	0	20.94	21.20	21.07	22.00
5	64QAM	1	0	20.76	20.95	20.90	22.00
5	64QAM	1	12	20.88	21.01	20.80	22.00
5	64QAM	1	24	20.74	20.95	20.94	22.00
5	64QAM	12	0	19.73	20.01	19.94	21.00
5	64QAM	12	7	19.91	20.01	19.91	21.00
5	64QAM	12	13	19.87	20.01	19.80	21.00
5	64QAM	25	0	19.87	20.02	19.83	21.00
5	256QAM	1	0	17.90	18.03	18.06	19.00
5	256QAM	1	12	17.97	18.15	17.96	19.00
5	256QAM	1	24	17.85	17.99	17.76	19.00
5	256QAM	12	0	17.85	18.11	18.03	19.00
5	256QAM	12	7	17.88	18.03	17.93	19.00
5	256QAM	12	13	17.91	18.24	18.08	19.00
5	256QAM	25	0	17.73	17.92	17.73	19.00

【LTE Band 42 (27Q)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.11	22.25	22.17	23.00
20	QPSK	1	49	21.74	21.85	21.69	23.00
20	QPSK	1	99	21.61	21.83	21.71	23.00
20	QPSK	50	0	21.15	21.19	21.11	22.00
20	QPSK	50	24	20.71	20.88	20.72	22.00
20	QPSK	50	50	20.79	20.99	20.77	22.00
20	QPSK	100	0	20.91	21.14	20.92	22.00
20	16QAM	1	0	20.79	20.97	20.74	22.00
20	16QAM	1	49	20.84	21.04	20.90	22.00
20	16QAM	1	99	20.65	21.02	20.78	22.00
20	16QAM	50	0	19.71	20.00	19.84	21.00
20	16QAM	50	24	19.88	20.03	19.78	21.00
20	16QAM	50	50	19.88	20.08	19.79	21.00
20	16QAM	100	0	19.94	20.14	20.04	21.00
20	64QAM	1	0	19.85	19.99	19.85	21.00
20	64QAM	1	49	19.85	19.93	19.77	21.00
20	64QAM	1	99	19.78	20.04	19.86	21.00
20	64QAM	50	0	18.79	19.01	18.91	20.00
20	64QAM	50	24	18.87	19.01	18.88	20.00
20	64QAM	50	50	18.81	18.94	18.82	20.00
20	64QAM	100	0	18.87	18.97	18.92	20.00
20	256QAM	1	0	16.89	17.02	16.95	18.00
20	256QAM	1	49	16.89	17.15	16.95	18.00
20	256QAM	1	99	16.82	17.01	16.82	18.00
20	256QAM	50	0	16.92	17.11	16.95	18.00
20	256QAM	50	24	16.94	17.03	16.98	18.00
20	256QAM	50	50	16.88	17.17	17.06	18.00
20	256QAM	100	0	16.81	16.94	16.72	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.02	22.20	22.11	23.00
15	QPSK	1	37	21.71	21.81	21.65	23.00
15	QPSK	1	74	21.53	21.78	21.63	23.00
15	QPSK	36	0	21.03	21.05	21.02	22.00
15	QPSK	36	20	20.64	20.85	20.57	22.00
15	QPSK	36	39	20.68	20.89	20.72	22.00
15	QPSK	75	0	20.89	20.99	20.78	22.00
15	16QAM	1	0	20.66	20.94	20.64	22.00
15	16QAM	1	37	20.74	20.99	20.81	22.00
15	16QAM	1	74	20.53	20.92	20.73	22.00
15	16QAM	36	0	19.58	19.94	19.78	21.00
15	16QAM	36	20	19.87	19.90	19.65	21.00
15	16QAM	36	39	19.78	19.99	19.66	21.00
15	16QAM	75	0	19.89	20.12	19.91	21.00
15	64QAM	1	0	19.70	19.94	19.80	21.00
15	64QAM	1	37	19.77	19.85	19.74	21.00



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15	64QAM	1	74	19.65	19.97	19.80	21.00
15	64QAM	36	0	18.69	18.92	18.81	20.00
15	64QAM	36	20	18.73	18.99	18.86	20.00
15	64QAM	36	39	18.73	18.92	18.76	20.00
15	64QAM	75	0	18.76	18.89	18.89	20.00
15	256QAM	1	0	16.87	16.99	16.91	18.00
15	256QAM	1	37	16.77	17.05	16.92	18.00
15	256QAM	1	74	16.74	16.86	16.74	18.00
15	256QAM	36	0	16.90	16.96	16.93	18.00
15	256QAM	36	20	16.92	16.91	16.90	18.00
15	256QAM	36	39	16.75	17.10	16.97	18.00
15	256QAM	75	0	16.79	16.90	16.61	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.01	22.20	22.05	23.00
10	QPSK	1	25	21.68	21.74	21.61	23.00
10	QPSK	1	49	21.53	21.77	21.69	23.00
10	QPSK	25	0	21.12	21.13	21.07	22.00
10	QPSK	25	12	20.67	20.74	20.66	22.00
10	QPSK	25	25	20.77	20.87	20.73	22.00
10	QPSK	50	0	20.83	21.07	20.78	22.00
10	16QAM	1	0	20.71	20.88	20.66	22.00
10	16QAM	1	25	20.70	21.00	20.85	22.00
10	16QAM	1	49	20.56	20.99	20.67	22.00
10	16QAM	25	0	19.63	19.96	19.72	21.00
10	16QAM	25	12	19.84	19.98	19.69	21.00
10	16QAM	25	25	19.73	19.95	19.73	21.00
10	16QAM	50	0	19.82	20.12	19.92	21.00
10	64QAM	1	0	19.73	19.93	19.80	21.00
10	64QAM	1	25	19.76	19.88	19.65	21.00
10	64QAM	1	49	19.73	19.98	19.74	21.00
10	64QAM	25	0	18.65	18.89	18.89	20.00
10	64QAM	25	12	18.76	18.97	18.84	20.00
10	64QAM	25	25	18.78	18.89	18.75	20.00
10	64QAM	50	0	18.81	18.89	18.86	20.00
10	256QAM	1	0	16.75	16.88	16.82	18.00
10	256QAM	1	25	16.79	17.11	16.90	18.00
10	256QAM	1	49	16.76	16.94	16.71	18.00
10	256QAM	25	0	16.78	17.03	16.91	18.00
10	256QAM	25	12	16.81	16.95	16.89	18.00
10	256QAM	25	25	16.74	17.10	17.00	18.00
10	256QAM	50	0	16.66	16.89	16.61	18.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.09	22.19	22.11	23.00
5	QPSK	1	12	21.70	21.72	21.56	23.00
5	QPSK	1	24	21.56	21.78	21.64	23.00
5	QPSK	12	0	21.09	21.14	21.06	22.00
5	QPSK	12	7	20.70	20.82	20.65	22.00
5	QPSK	12	13	20.75	20.88	20.74	22.00
5	QPSK	25	0	20.84	21.06	20.77	22.00
5	16QAM	1	0	20.69	20.89	20.69	22.00
5	16QAM	1	12	20.80	20.93	20.77	22.00
5	16QAM	1	24	20.62	20.89	20.69	22.00
5	16QAM	12	0	19.69	19.93	19.78	21.00
5	16QAM	12	7	19.77	19.95	19.63	21.00
5	16QAM	12	13	19.81	20.04	19.65	21.00
5	16QAM	25	0	19.86	20.09	19.95	21.00
5	64QAM	1	0	19.70	19.90	19.76	21.00
5	64QAM	1	12	19.74	19.83	19.67	21.00
5	64QAM	1	24	19.69	20.00	19.75	21.00
5	64QAM	12	0	18.72	18.92	18.89	20.00
5	64QAM	12	7	18.86	18.98	18.79	20.00
5	64QAM	12	13	18.69	18.91	18.72	20.00
5	64QAM	25	0	18.80	18.87	18.84	20.00
5	256QAM	1	0	16.80	16.89	16.85	18.00
5	256QAM	1	12	16.76	17.07	16.84	18.00
5	256QAM	1	24	16.75	16.98	16.74	18.00
5	256QAM	12	0	16.83	16.97	16.80	18.00
5	256QAM	12	7	16.87	16.89	16.90	18.00
5	256QAM	12	13	16.83	17.13	17.01	18.00
5	256QAM	25	0	16.69	16.91	16.66	18.00

**【LTE Band 42 (27Q)_Ant 8_DSI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.20	19.21	19.19	20.90
20	QPSK	1	49	18.92	19.07	18.92	20.90
20	QPSK	1	99	18.99	19.08	18.97	20.90
20	QPSK	50	0	18.98	19.10	18.95	20.90
20	QPSK	50	24	18.98	19.04	18.91	20.90
20	QPSK	50	50	18.94	19.08	18.95	20.90
20	QPSK	100	0	18.95	18.98	18.91	20.90
20	16QAM	1	0	18.92	18.93	18.90	20.90
20	16QAM	1	49	18.90	18.93	18.90	20.90
20	16QAM	1	99	18.96	19.10	18.98	20.90
20	16QAM	50	0	18.95	18.97	18.90	20.90
20	16QAM	50	24	19.03	19.07	18.94	20.90
20	16QAM	50	50	18.91	18.97	18.92	20.90
20	16QAM	100	0	18.95	19.10	18.99	20.90
20	64QAM	1	0	18.90	18.92	18.91	20.90
20	64QAM	1	49	19.00	19.08	19.02	20.90
20	64QAM	1	99	18.90	18.93	18.90	20.90
20	64QAM	50	0	18.90	19.03	18.91	20.90
20	64QAM	50	24	18.90	18.98	18.90	20.90
20	64QAM	50	50	18.90	18.95	18.90	20.90
20	64QAM	100	0	19.04	19.07	18.97	20.90
20	256QAM	1	0	17.89	17.99	17.94	19.00
20	256QAM	1	49	17.94	18.02	17.96	19.00
20	256QAM	1	99	17.98	18.08	17.95	19.00
20	256QAM	50	0	17.87	18.01	17.86	19.00
20	256QAM	50	24	17.81	17.93	17.87	19.00
20	256QAM	50	50	18.02	18.07	17.98	19.00
20	256QAM	100	0	17.93	18.04	17.94	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.09	19.07	19.10	20.90
15	QPSK	1	37	18.90	19.02	18.90	20.90
15	QPSK	1	74	18.93	19.06	18.93	20.90
15	QPSK	36	0	18.96	19.07	18.91	20.90
15	QPSK	36	20	18.97	18.98	18.90	20.90
15	QPSK	36	39	18.90	19.05	18.90	20.90
15	QPSK	75	0	18.90	18.90	18.90	20.90
15	16QAM	1	0	18.91	18.90	18.91	20.90
15	16QAM	1	37	18.90	18.90	18.90	20.90
15	16QAM	1	74	18.90	18.97	18.91	20.90
15	16QAM	36	0	18.92	18.90	18.90	20.90
15	16QAM	36	20	18.95	18.93	18.90	20.90
15	16QAM	36	39	18.91	18.91	18.91	20.90
15	16QAM	75	0	18.93	19.08	18.97	20.90
15	64QAM	1	0	18.91	18.91	18.90	20.90
15	64QAM	1	37	18.93	18.96	19.00	20.90
15	64QAM	1	74	18.90	18.91	18.90	20.90
15	64QAM	36	0	18.90	18.93	18.91	20.90
15	64QAM	36	20	18.91	18.91	18.92	20.90
15	64QAM	36	39	18.90	18.91	18.92	20.90
15	64QAM	75	0	19.02	18.97	18.90	20.90
15	256QAM	1	0	17.79	17.95	17.92	19.00
15	256QAM	1	37	17.85	17.93	17.91	19.00
15	256QAM	1	74	17.83	17.95	17.92	19.00
15	256QAM	36	0	17.79	17.98	17.75	19.00
15	256QAM	36	20	17.79	17.85	17.83	19.00
15	256QAM	36	39	17.97	17.96	17.92	19.00
15	256QAM	75	0	17.88	17.94	17.91	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.13	19.07	19.14	20.90
10	QPSK	1	25	18.91	19.05	18.90	20.90
10	QPSK	1	49	18.90	18.96	18.94	20.90
10	QPSK	25	0	18.90	19.04	18.90	20.90
10	QPSK	25	12	18.90	18.90	18.91	20.90
10	QPSK	25	25	18.91	19.02	18.93	20.90
10	QPSK	50	0	18.90	18.90	18.90	20.90
10	16QAM	1	0	18.90	18.91	18.90	20.90
10	16QAM	1	25	18.91	18.91	18.90	20.90
10	16QAM	1	49	18.93	18.97	18.90	20.90



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10	16QAM	25	0	18.93	18.92	18.90	20.90
10	16QAM	25	12	18.93	18.93	18.91	20.90
10	16QAM	25	25	18.91	18.90	18.90	20.90
10	16QAM	50	0	18.90	19.02	18.95	20.90
10	64QAM	1	0	18.90	18.91	18.91	20.90
10	64QAM	1	25	18.95	18.98	18.91	20.90
10	64QAM	1	49	18.90	18.90	18.90	20.90
10	64QAM	25	0	18.90	18.90	18.91	20.90
10	64QAM	25	12	18.90	18.90	18.90	20.90
10	64QAM	25	25	18.92	18.91	18.90	20.90
10	64QAM	50	0	18.91	18.92	18.90	20.90
10	256QAM	1	0	17.82	17.97	17.87	19.00
10	256QAM	1	25	17.88	18.00	17.83	19.00
10	256QAM	1	49	17.95	17.97	17.92	19.00
10	256QAM	25	0	17.76	17.96	17.74	19.00
10	256QAM	25	12	17.72	17.86	17.77	19.00
10	256QAM	25	25	17.97	17.95	17.92	19.00
10	256QAM	50	0	17.83	18.01	17.85	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.12	19.09	19.07	20.90
5	QPSK	1	12	18.90	18.98	18.90	20.90
5	QPSK	1	24	18.92	19.01	18.96	20.90
5	QPSK	12	0	18.94	19.07	18.90	20.90
5	QPSK	12	7	18.91	18.92	18.92	20.90
5	QPSK	12	13	18.90	18.93	18.90	20.90
5	QPSK	25	0	18.91	18.90	18.90	20.90
5	16QAM	1	0	18.90	18.90	18.90	20.90
5	16QAM	1	12	18.90	18.91	18.92	20.90
5	16QAM	1	24	18.90	19.05	18.90	20.90
5	16QAM	12	0	18.91	18.90	18.92	20.90
5	16QAM	12	7	19.01	18.93	18.91	20.90
5	16QAM	12	13	18.90	18.94	18.91	20.90
5	16QAM	25	0	18.90	19.01	18.94	20.90
5	64QAM	1	0	18.90	18.91	18.90	20.90
5	64QAM	1	12	18.92	18.94	18.90	20.90
5	64QAM	1	24	18.90	18.90	18.90	20.90
5	64QAM	12	0	18.90	18.97	18.90	20.90
5	64QAM	12	7	18.91	18.90	18.90	20.90
5	64QAM	12	13	18.91	18.91	18.90	20.90
5	64QAM	25	0	18.98	18.95	18.90	20.90
5	256QAM	1	0	17.83	17.91	17.89	19.00
5	256QAM	1	12	17.90	17.94	17.92	19.00
5	256QAM	1	24	17.85	17.96	17.82	19.00
5	256QAM	12	0	17.73	17.99	17.79	19.00
5	256QAM	12	7	17.77	17.83	17.78	19.00
5	256QAM	12	13	17.93	17.95	17.92	19.00
5	256QAM	25	0	17.87	17.95	17.85	19.00

【LTE Band 42 (27Q)_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.70	21.72	21.68	22.70
20	QPSK	1	49	21.38	21.48	21.39	22.70
20	QPSK	1	99	21.50	21.55	21.46	22.70
20	QPSK	50	0	21.54	21.58	21.56	22.70
20	QPSK	50	24	21.45	21.55	21.49	22.70
20	QPSK	50	50	21.36	21.44	21.33	22.70
20	QPSK	100	0	21.44	21.46	21.39	22.70
20	16QAM	1	0	21.51	21.58	21.46	22.70
20	16QAM	1	49	21.40	21.55	21.39	22.70
20	16QAM	1	99	21.49	21.52	21.39	22.70
20	16QAM	50	0	21.00	21.07	20.98	22.00
20	16QAM	50	24	20.98	21.02	20.95	22.00
20	16QAM	50	50	20.94	20.99	20.90	22.00
20	16QAM	100	0	20.84	20.98	20.84	22.00
20	64QAM	1	0	20.99	21.08	20.89	22.00
20	64QAM	1	49	20.97	21.10	20.99	22.00
20	64QAM	1	99	20.90	21.00	20.84	22.00
20	64QAM	50	0	19.93	20.05	19.88	21.00
20	64QAM	50	24	19.91	20.04	19.94	21.00



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20	64QAM	50	50	19.80	19.94	19.82	21.00
20	64QAM	100	0	19.88	19.96	19.91	21.00
20	256QAM	1	0	17.95	18.08	17.97	19.00
20	256QAM	1	49	17.91	18.03	17.86	19.00
20	256QAM	1	99	17.87	17.94	17.89	19.00
20	256QAM	50	0	17.89	17.98	17.93	19.00
20	256QAM	50	24	17.89	17.99	17.91	19.00
20	256QAM	50	50	17.90	17.99	17.82	19.00
20	256QAM	100	0	17.88	18.00	17.88	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.62	21.63	21.61	22.70
15	QPSK	1	37	21.35	21.42	21.26	22.70
15	QPSK	1	74	21.49	21.48	21.32	22.70
15	QPSK	36	0	21.53	21.44	21.43	22.70
15	QPSK	36	20	21.37	21.46	21.36	22.70
15	QPSK	36	39	21.34	21.40	21.22	22.70
15	QPSK	75	0	21.41	21.34	21.28	22.70
15	16QAM	1	0	21.40	21.45	21.41	22.70
15	16QAM	1	37	21.34	21.47	21.36	22.70
15	16QAM	1	74	21.47	21.47	21.30	22.70
15	16QAM	36	0	20.86	20.97	20.89	22.00
15	16QAM	36	20	20.96	20.95	20.84	22.00
15	16QAM	36	39	20.81	20.91	20.87	22.00
15	16QAM	75	0	20.70	20.85	20.73	22.00
15	64QAM	1	0	20.86	21.02	20.75	22.00
15	64QAM	1	37	20.84	21.03	20.88	22.00
15	64QAM	1	74	20.88	20.97	20.73	22.00
15	64QAM	36	0	19.86	19.93	19.76	21.00
15	64QAM	36	20	19.83	19.92	19.85	21.00
15	64QAM	36	39	19.69	19.79	19.72	21.00
15	64QAM	75	0	19.74	19.83	19.86	21.00
15	256QAM	1	0	17.92	18.07	17.86	19.00
15	256QAM	1	37	17.78	17.92	17.81	19.00
15	256QAM	1	74	17.85	17.91	17.85	19.00
15	256QAM	36	0	17.78	17.90	17.89	19.00
15	256QAM	36	20	17.85	17.91	17.78	19.00
15	256QAM	36	39	17.86	17.86	17.71	19.00
15	256QAM	75	0	17.82	17.98	17.83	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.58	21.60	21.65	22.70
10	QPSK	1	25	21.25	21.36	21.24	22.70
10	QPSK	1	49	21.47	21.43	21.44	22.70
10	QPSK	25	0	21.41	21.48	21.47	22.70
10	QPSK	25	12	21.37	21.45	21.39	22.70
10	QPSK	25	25	21.30	21.32	21.32	22.70
10	QPSK	50	0	21.38	21.36	21.38	22.70
10	16QAM	1	0	21.47	21.46	21.43	22.70
10	16QAM	1	25	21.38	21.46	21.36	22.70
10	16QAM	1	49	21.45	21.40	21.35	22.70
10	16QAM	25	0	20.97	20.98	20.96	22.00
10	16QAM	25	12	20.87	20.96	20.86	22.00
10	16QAM	25	25	20.84	20.90	20.87	22.00
10	16QAM	50	0	20.73	20.84	20.79	22.00
10	64QAM	1	0	20.97	20.95	20.83	22.00
10	64QAM	1	25	20.86	21.01	20.97	22.00
10	64QAM	1	49	20.77	20.86	20.83	22.00
10	64QAM	25	0	19.87	19.94	19.77	21.00
10	64QAM	25	12	19.79	20.02	19.86	21.00
10	64QAM	25	25	19.77	19.80	19.70	21.00
10	64QAM	50	0	19.87	19.93	19.79	21.00
10	256QAM	1	0	17.88	17.96	17.93	19.00
10	256QAM	1	25	17.85	17.93	17.84	19.00
10	256QAM	1	49	17.72	17.90	17.82	19.00
10	256QAM	25	0	17.83	17.90	17.87	19.00
10	256QAM	25	12	17.79	17.91	17.89	19.00
10	256QAM	25	25	17.76	17.96	17.72	19.00
10	256QAM	50	0	17.75	17.88	17.78	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	21.66	21.62	21.56	22.70
5	QPSK	1	12	21.34	21.43	21.37	22.70
5	QPSK	1	24	21.40	21.54	21.35	22.70
5	QPSK	12	0	21.49	21.50	21.52	22.70
5	QPSK	12	7	21.37	21.44	21.34	22.70
5	QPSK	12	13	21.29	21.42	21.32	22.70
5	QPSK	25	0	21.34	21.44	21.31	22.70



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5	16QAM	1	0	21.49	21.51	21.36	22.70
5	16QAM	1	12	21.28	21.51	21.27	22.70
5	16QAM	1	24	21.45	21.48	21.27	22.70
5	16QAM	12	0	20.98	20.94	20.96	22.00
5	16QAM	12	7	20.84	20.90	20.94	22.00
5	16QAM	12	13	20.82	20.95	20.80	22.00
5	16QAM	25	0	20.78	20.91	20.77	22.00
5	64QAM	1	0	20.85	21.04	20.82	22.00
5	64QAM	1	12	20.93	21.02	20.91	22.00
5	64QAM	1	24	20.82	20.90	20.76	22.00
5	64QAM	12	0	19.78	20.03	19.80	21.00
5	64QAM	12	7	19.81	19.89	19.80	21.00
5	64QAM	12	13	19.73	19.80	19.70	21.00
5	64QAM	25	0	19.83	19.91	19.79	21.00
5	256QAM	1	0	17.93	18.06	17.82	19.00
5	256QAM	1	12	17.89	17.90	17.77	19.00
5	256QAM	1	24	17.75	17.83	17.78	19.00
5	256QAM	12	0	17.83	17.92	17.91	19.00
5	256QAM	12	7	17.82	17.85	17.88	19.00
5	256QAM	12	13	17.78	17.97	17.71	19.00
5	256QAM	25	0	17.85	17.86	17.82	19.00

【LTE Band 42 (27Q)_Ant 8_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	12.28	12.31	12.21	13.20
20	QPSK	1	49	12.14	12.14	12.07	13.20
20	QPSK	1	99	12.11	12.13	12.17	13.20
20	QPSK	50	0	12.13	12.29	12.19	13.20
20	QPSK	50	24	12.01	12.07	12.09	13.20
20	QPSK	50	50	12.02	12.04	12.04	13.20
20	QPSK	100	0	12.12	12.25	12.10	13.20
20	16QAM	1	0	12.20	12.19	12.16	13.20
20	16QAM	1	49	12.25	12.18	12.08	13.20
20	16QAM	1	99	12.21	12.23	12.09	13.20
20	16QAM	50	0	12.15	12.25	12.11	13.20
20	16QAM	50	24	12.18	12.26	12.07	13.20
20	16QAM	50	50	12.16	12.20	12.17	13.20
20	16QAM	100	0	12.17	12.22	12.18	13.20
20	64QAM	1	0	12.23	12.18	12.13	13.20
20	64QAM	1	49	12.21	12.20	12.09	13.20
20	64QAM	1	99	12.17	12.19	12.10	13.20
20	64QAM	50	0	12.24	12.24	12.10	13.20
20	64QAM	50	24	12.14	12.18	12.13	13.20
20	64QAM	50	50	12.19	12.22	12.12	13.20
20	64QAM	100	0	12.17	12.20	12.12	13.20
20	256QAM	1	0	12.20	12.27	12.18	13.20
20	256QAM	1	49	12.21	12.18	12.11	13.20
20	256QAM	1	99	12.20	12.26	12.10	13.20
20	256QAM	50	0	12.16	12.16	12.12	13.20
20	256QAM	50	24	12.17	12.19	12.17	13.20
20	256QAM	50	50	12.18	12.22	12.11	13.20
20	256QAM	100	0	12.21	12.18	12.14	13.20
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	12.24	12.29	12.18	13.20
15	QPSK	1	37	12.12	12.10	12.04	13.20
15	QPSK	1	74	12.10	12.03	12.12	13.20
15	QPSK	36	0	12.02	12.17	12.07	13.20
15	QPSK	36	20	11.93	12.00	11.94	13.20
15	QPSK	36	39	11.92	11.97	11.95	13.20
15	QPSK	75	0	12.09	12.16	12.00	13.20
15	16QAM	1	0	12.11	12.16	12.08	13.20
15	16QAM	1	37	12.17	12.05	12.06	13.20
15	16QAM	1	74	12.16	12.11	12.00	13.20
15	16QAM	36	0	12.03	12.15	12.07	13.20
15	16QAM	36	20	12.06	12.15	12.06	13.20
15	16QAM	36	39	12.12	12.15	12.14	13.20
15	16QAM	75	0	12.06	12.21	12.15	13.20
15	64QAM	1	0	12.17	12.12	12.10	13.20
15	64QAM	1	37	12.06	12.18	12.02	13.20



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15	64QAM	1	74	12.08	12.09	12.07	13.20
15	64QAM	36	0	12.21	12.21	12.05	13.20
15	64QAM	36	20	12.02	12.05	12.01	13.20
15	64QAM	36	39	12.10	12.11	12.07	13.20
15	64QAM	75	0	12.12	12.09	12.10	13.20
15	256QAM	1	0	12.12	12.14	12.07	13.20
15	256QAM	1	37	12.12	12.15	12.05	13.20
15	256QAM	1	74	12.06	12.15	12.06	13.20
15	256QAM	36	0	12.08	12.04	11.99	13.20
15	256QAM	36	20	12.04	12.12	12.11	13.20
15	256QAM	36	39	12.17	12.11	12.00	13.20
15	256QAM	75	0	12.08	12.10	12.12	13.20
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	12.18	12.24	12.18	13.20
10	QPSK	1	25	12.02	12.06	11.97	13.20
10	QPSK	1	49	11.97	12.12	12.03	13.20
10	QPSK	25	0	11.99	12.22	12.15	13.20
10	QPSK	25	12	11.98	11.94	12.05	13.20
10	QPSK	25	25	11.90	12.00	11.98	13.20
10	QPSK	50	0	12.10	12.23	12.02	13.20
10	16QAM	1	0	12.12	12.13	12.03	13.20
10	16QAM	1	25	12.18	12.04	11.97	13.20
10	16QAM	1	49	12.08	12.08	12.00	13.20
10	16QAM	25	0	12.11	12.17	12.06	13.20
10	16QAM	25	12	12.05	12.15	11.96	13.20
10	16QAM	25	25	12.02	12.10	12.10	13.20
10	16QAM	50	0	12.13	12.09	12.15	13.20
10	64QAM	1	0	12.18	12.03	12.10	13.20
10	64QAM	1	25	12.20	12.08	12.06	13.20
10	64QAM	1	49	12.14	12.05	12.08	13.20
10	64QAM	25	0	12.22	12.10	12.05	13.20
10	64QAM	25	12	12.03	12.11	12.07	13.20
10	64QAM	25	25	12.13	12.17	12.01	13.20
10	64QAM	50	0	12.15	12.17	11.99	13.20
10	256QAM	1	0	12.11	12.13	12.10	13.20
10	256QAM	1	25	12.17	12.14	11.99	13.20
10	256QAM	1	49	12.08	12.17	11.98	13.20
10	256QAM	25	0	12.15	12.02	12.07	13.20
10	256QAM	25	12	12.05	12.14	12.07	13.20
10	256QAM	25	25	12.03	12.11	11.97	13.20
10	256QAM	50	0	12.13	12.15	12.00	13.20
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	12.17	12.27	12.19	13.20
5	QPSK	1	12	12.05	12.07	11.96	13.20
5	QPSK	1	24	12.05	12.09	12.03	13.20
5	QPSK	12	0	12.02	12.20	12.05	13.20
5	QPSK	12	7	11.89	12.01	11.99	13.20
5	QPSK	12	13	11.90	11.98	11.99	13.20
5	QPSK	25	0	12.11	12.17	11.99	13.20
5	16QAM	1	0	12.18	12.15	12.07	13.20
5	16QAM	1	12	12.16	12.09	12.02	13.20
5	16QAM	1	24	12.09	12.22	11.95	13.20
5	16QAM	12	0	12.02	12.14	11.97	13.20
5	16QAM	12	7	12.05	12.19	11.93	13.20
5	16QAM	12	13	12.10	12.15	12.11	13.20
5	16QAM	25	0	12.06	12.17	12.04	13.20
5	64QAM	1	0	12.15	12.06	12.08	13.20
5	64QAM	1	12	12.18	12.10	12.07	13.20
5	64QAM	1	24	12.04	12.17	11.97	13.20
5	64QAM	12	0	12.20	12.23	12.09	13.20
5	64QAM	12	7	12.03	12.15	12.09	13.20
5	64QAM	12	13	12.16	12.18	12.06	13.20
5	64QAM	25	0	12.03	12.10	12.02	13.20
5	256QAM	1	0	12.14	12.22	12.03	13.20
5	256QAM	1	12	12.17	12.12	11.97	13.20
5	256QAM	1	24	12.05	12.16	12.02	13.20
5	256QAM	12	0	12.03	12.03	12.08	13.20
5	256QAM	12	7	12.10	12.15	12.16	13.20
5	256QAM	12	13	12.11	12.12	11.97	13.20
5	256QAM	25	0	12.06	12.11	12.12	13.20

**【LTE Band 42 (27Q)_Ant 8_DSI 7】**

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	20.70
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.20	19.21	19.19	20.70
20	QPSK	1	49	19.02	19.07	19.01	20.70
20	QPSK	1	99	19.00	19.08	18.95	20.70
20	QPSK	50	0	19.08	19.10	19.05	20.70
20	QPSK	50	24	19.02	19.04	18.92	20.70
20	QPSK	50	50	18.94	19.08	19.05	20.70
20	QPSK	100	0	18.88	18.98	18.95	20.70
20	16QAM	1	0	18.90	18.93	18.88	20.70
20	16QAM	1	49	18.86	18.93	18.81	20.70
20	16QAM	1	99	18.99	19.10	18.99	20.70
20	16QAM	50	0	18.95	18.97	18.80	20.70
20	16QAM	50	24	18.99	19.07	19.00	20.70
20	16QAM	50	50	18.84	18.97	18.87	20.70
20	16QAM	100	0	18.96	19.10	19.06	20.70
20	64QAM	1	0	18.81	18.92	18.87	20.70
20	64QAM	1	49	19.01	19.08	18.97	20.70
20	64QAM	1	99	18.91	18.93	18.85	20.70
20	64QAM	50	0	18.93	19.03	18.93	20.70
20	64QAM	50	24	18.84	18.98	18.87	20.70
20	64QAM	50	50	18.81	18.95	18.92	20.70
20	64QAM	100	0	18.95	19.07	19.01	20.70
20	256QAM	1	0	17.90	17.99	17.90	19.00
20	256QAM	1	49	17.98	18.02	17.87	19.00
20	256QAM	1	99	18.00	18.08	17.97	19.00
20	256QAM	50	0	17.88	18.01	17.90	19.00
20	256QAM	50	24	17.83	17.93	17.77	19.00
20	256QAM	50	50	18.04	18.07	17.92	19.00
20	256QAM	100	0	17.95	18.04	18.00	19.00
Channel				42165	42590	43015	20.70
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.14	19.14	19.15	20.70
15	QPSK	1	37	18.87	19.01	18.95	20.70
15	QPSK	1	74	18.97	19.05	18.87	20.70
15	QPSK	36	0	19.03	18.98	18.97	20.70
15	QPSK	36	20	18.87	18.99	18.90	20.70
15	QPSK	36	39	18.89	18.96	18.99	20.70
15	QPSK	75	0	18.78	18.95	18.94	20.70
15	16QAM	1	0	18.86	18.80	18.81	20.70
15	16QAM	1	37	18.85	18.82	18.78	20.70
15	16QAM	1	74	18.95	19.03	18.86	20.70
15	16QAM	36	0	18.94	18.94	18.71	20.70
15	16QAM	36	20	18.93	19.03	18.94	20.70
15	16QAM	36	39	18.80	18.94	18.77	20.70
15	16QAM	75	0	18.87	19.02	19.04	20.70
15	64QAM	1	0	18.78	18.79	18.77	20.70
15	64QAM	1	37	18.92	19.04	18.83	20.70
15	64QAM	1	74	18.81	18.82	18.80	20.70
15	64QAM	36	0	18.83	18.89	18.85	20.70
15	64QAM	36	20	18.72	18.92	18.83	20.70
15	64QAM	36	39	18.79	18.89	18.87	20.70
15	64QAM	75	0	18.82	18.98	18.90	20.70
15	256QAM	1	0	17.85	17.95	17.80	19.00
15	256QAM	1	37	17.85	17.94	17.74	19.00
15	256QAM	1	74	17.85	17.97	17.94	19.00
15	256QAM	36	0	17.86	17.95	17.77	19.00
15	256QAM	36	20	17.70	17.85	17.62	19.00
15	256QAM	36	39	17.92	17.93	17.81	19.00
15	256QAM	75	0	17.89	17.93	17.96	19.00
Channel				42140	42590	43040	20.70
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.15	19.11	19.13	20.70
10	QPSK	1	25	18.98	19.05	18.93	20.70
10	QPSK	1	49	18.90	19.01	18.84	20.70
10	QPSK	25	0	19.00	18.97	18.97	20.70
10	QPSK	25	12	18.92	18.98	18.78	20.70
10	QPSK	25	25	18.81	18.96	18.93	20.70
10	QPSK	50	0	18.74	18.94	18.93	20.70
10	16QAM	1	0	18.86	18.79	18.74	20.70
10	16QAM	1	25	18.78	18.78	18.78	20.70
10	16QAM	1	49	18.96	19.02	18.91	20.70



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10	16QAM	25	0	18.84	18.91	18.77	20.70
10	16QAM	25	12	18.88	18.95	18.94	20.70
10	16QAM	25	25	18.76	18.89	18.81	20.70
10	16QAM	50	0	18.89	18.97	18.91	20.70
10	64QAM	1	0	18.79	18.81	18.84	20.70
10	64QAM	1	25	18.88	19.06	18.92	20.70
10	64QAM	1	49	18.78	18.79	18.80	20.70
10	64QAM	25	0	18.79	18.96	18.78	20.70
10	64QAM	25	12	18.71	18.88	18.80	20.70
10	64QAM	25	25	18.73	18.82	18.79	20.70
10	64QAM	50	0	18.84	19.03	19.00	20.70
10	256QAM	1	0	17.81	17.84	17.83	19.00
10	256QAM	1	25	17.84	17.99	17.73	19.00
10	256QAM	1	49	17.98	17.98	17.89	19.00
10	256QAM	25	0	17.75	17.90	17.76	19.00
10	256QAM	25	12	17.72	17.81	17.75	19.00
10	256QAM	25	25	18.01	17.92	17.78	19.00
10	256QAM	50	0	17.90	17.95	17.92	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.07	19.17	19.13	20.70
5	QPSK	1	12	18.94	19.04	18.98	20.70
5	QPSK	1	24	18.92	19.05	18.87	20.70
5	QPSK	12	0	19.06	18.97	19.03	20.70
5	QPSK	12	7	18.96	18.90	18.83	20.70
5	QPSK	12	13	18.85	19.01	19.00	20.70
5	QPSK	25	0	18.82	18.95	18.86	20.70
5	16QAM	1	0	18.85	18.85	18.86	20.70
5	16QAM	1	12	18.78	18.83	18.80	20.70
5	16QAM	1	24	18.97	19.07	18.93	20.70
5	16QAM	12	0	18.87	18.89	18.79	20.70
5	16QAM	12	7	18.96	19.00	18.96	20.70
5	16QAM	12	13	18.75	18.84	18.83	20.70
5	16QAM	25	0	18.89	19.03	19.00	20.70
5	64QAM	1	0	18.79	18.86	18.79	20.70
5	64QAM	1	12	18.90	18.97	18.91	20.70
5	64QAM	1	24	18.78	18.90	18.78	20.70
5	64QAM	12	0	18.87	18.94	18.79	20.70
5	64QAM	12	7	18.70	18.93	18.75	20.70
5	64QAM	12	13	18.77	18.90	18.79	20.70
5	64QAM	25	0	18.86	19.06	18.99	20.70
5	256QAM	1	0	17.78	17.97	17.75	19.00
5	256QAM	1	12	17.84	17.99	17.73	19.00
5	256QAM	1	24	17.93	17.96	17.88	19.00
5	256QAM	12	0	17.75	17.94	17.79	19.00
5	256QAM	12	7	17.69	17.82	17.73	19.00
5	256QAM	12	13	17.94	18.01	17.85	19.00
5	256QAM	25	0	17.90	17.97	17.90	19.00

【LTE Band 42 (27Q)_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.11	23.25	23.17	24.00
20	QPSK	1	49	22.84	23.00	22.79	24.00
20	QPSK	1	99	22.74	22.93	22.76	24.00
20	QPSK	50	0	22.15	22.19	22.11	23.00
20	QPSK	50	24	21.77	22.04	21.86	23.00
20	QPSK	50	50	21.88	22.04	21.82	23.00
20	QPSK	100	0	21.91	22.14	21.92	23.00
20	16QAM	1	0	21.88	22.10	21.88	23.00
20	16QAM	1	49	21.94	22.15	22.05	23.00
20	16QAM	1	99	21.80	22.08	21.91	23.00
20	16QAM	50	0	20.86	21.08	20.98	22.00
20	16QAM	50	24	20.96	21.10	20.93	22.00
20	16QAM	50	50	20.97	21.13	20.92	22.00
20	16QAM	100	0	21.04	21.21	21.10	22.00
20	64QAM	1	0	20.91	21.08	20.99	22.00
20	64QAM	1	49	20.90	21.06	20.87	22.00
20	64QAM	1	99	20.88	21.10	20.98	22.00
20	64QAM	50	0	19.86	20.12	19.98	21.00
20	64QAM	50	24	19.99	20.13	20.02	21.00



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20	64QAM	50	50	19.90	20.06	19.95	21.00
20	64QAM	100	0	19.98	20.13	19.98	21.00
20	256QAM	1	0	17.95	18.16	18.08	19.00
20	256QAM	1	49	18.01	18.20	18.09	19.00
20	256QAM	1	99	17.93	18.07	17.86	19.00
20	256QAM	50	0	17.98	18.19	18.08	19.00
20	256QAM	50	24	18.02	18.17	18.06	19.00
20	256QAM	50	50	18.01	18.26	18.17	19.00
20	256QAM	100	0	17.88	18.04	17.84	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.09	23.22	23.09	24.00
15	QPSK	1	37	22.82	22.90	22.71	24.00
15	QPSK	1	74	22.59	22.84	22.70	24.00
15	QPSK	36	0	22.04	22.07	22.04	23.00
15	QPSK	36	20	21.69	21.95	21.81	23.00
15	QPSK	36	39	21.78	21.98	21.70	23.00
15	QPSK	75	0	21.81	22.03	21.88	23.00
15	16QAM	1	0	21.77	22.06	21.74	23.00
15	16QAM	1	37	21.84	22.02	22.02	23.00
15	16QAM	1	74	21.65	22.01	21.77	23.00
15	16QAM	36	0	20.83	21.02	20.85	22.00
15	16QAM	36	20	20.91	21.06	20.83	22.00
15	16QAM	36	39	20.84	21.02	20.88	22.00
15	16QAM	75	0	21.01	21.13	21.00	22.00
15	64QAM	1	0	20.83	21.06	20.96	22.00
15	64QAM	1	37	20.78	21.00	20.78	22.00
15	64QAM	1	74	20.84	20.97	20.93	22.00
15	64QAM	36	0	19.77	20.01	19.96	21.00
15	64QAM	36	20	19.94	20.11	19.89	21.00
15	64QAM	36	39	19.78	19.98	19.87	21.00
15	64QAM	75	0	19.91	20.01	19.84	21.00
15	256QAM	1	0	17.88	18.12	17.94	19.00
15	256QAM	1	37	17.96	18.17	17.99	19.00
15	256QAM	1	74	17.82	17.96	17.75	19.00
15	256QAM	36	0	17.89	18.10	18.03	19.00
15	256QAM	36	20	17.92	18.05	18.03	19.00
15	256QAM	36	39	17.99	18.14	18.02	19.00
15	256QAM	75	0	17.75	17.98	17.78	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.97	23.17	23.12	24.00
10	QPSK	1	25	22.72	22.98	22.64	24.00
10	QPSK	1	49	22.65	22.88	22.73	24.00
10	QPSK	25	0	22.12	22.14	21.99	23.00
10	QPSK	25	12	21.66	22.00	21.75	23.00
10	QPSK	25	25	21.82	21.97	21.70	23.00
10	QPSK	50	0	21.87	22.09	21.86	23.00
10	16QAM	1	0	21.83	22.07	21.76	23.00
10	16QAM	1	25	21.89	22.03	22.01	23.00
10	16QAM	1	49	21.74	22.05	21.85	23.00
10	16QAM	25	0	20.77	20.93	20.89	22.00
10	16QAM	25	12	20.92	20.98	20.79	22.00
10	16QAM	25	25	20.83	20.99	20.84	22.00
10	16QAM	50	0	20.99	21.13	21.06	22.00
10	64QAM	1	0	20.76	21.07	20.94	22.00
10	64QAM	1	25	20.86	20.98	20.85	22.00
10	64QAM	1	49	20.78	20.99	20.91	22.00
10	64QAM	25	0	19.72	20.11	19.84	21.00
10	64QAM	25	12	19.89	20.07	19.93	21.00
10	64QAM	25	25	19.79	19.97	19.92	21.00
10	64QAM	50	0	19.90	20.07	19.84	21.00
10	256QAM	1	0	17.88	18.14	17.96	19.00
10	256QAM	1	25	17.87	18.18	17.94	19.00
10	256QAM	1	49	17.87	17.98	17.81	19.00
10	256QAM	25	0	17.90	18.16	18.05	19.00
10	256QAM	25	12	17.97	18.05	17.93	19.00
10	256QAM	25	25	17.96	18.18	18.08	19.00
10	256QAM	50	0	17.86	18.03	17.82	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	23.04	23.16	23.06	24.00
5	QPSK	1	12	22.80	22.86	22.71	24.00
5	QPSK	1	24	22.61	22.85	22.71	24.00
5	QPSK	12	0	22.03	22.06	22.00	23.00
5	QPSK	12	7	21.69	21.91	21.81	23.00
5	QPSK	12	13	21.87	21.92	21.77	23.00
5	QPSK	25	0	21.83	22.12	21.89	23.00



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5	16QAM	1	0	21.80	22.08	21.75	23.00
5	16QAM	1	12	21.90	22.11	21.90	23.00
5	16QAM	1	24	21.72	22.05	21.78	23.00
5	16QAM	12	0	20.76	20.95	20.86	22.00
5	16QAM	12	7	20.87	21.00	20.82	22.00
5	16QAM	12	13	20.90	21.11	20.83	22.00
5	16QAM	25	0	20.94	21.20	21.07	22.00
5	64QAM	1	0	20.76	20.95	20.90	22.00
5	64QAM	1	12	20.88	21.01	20.80	22.00
5	64QAM	1	24	20.74	20.95	20.94	22.00
5	64QAM	12	0	19.73	20.01	19.94	21.00
5	64QAM	12	7	19.91	20.01	19.91	21.00
5	64QAM	12	13	19.87	20.01	19.80	21.00
5	64QAM	25	0	19.87	20.02	19.83	21.00
5	256QAM	1	0	17.90	18.03	18.06	19.00
5	256QAM	1	12	17.97	18.15	17.96	19.00
5	256QAM	1	24	17.85	17.99	17.76	19.00
5	256QAM	12	0	17.85	18.11	18.03	19.00
5	256QAM	12	7	17.88	18.03	17.93	19.00
5	256QAM	12	13	17.91	18.24	18.08	19.00
5	256QAM	25	0	17.73	17.92	17.73	19.00

【LTE Band 42 (96)_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					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00
20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00



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15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00
10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00
5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

**【LTE Band 42 (96)_Ant 4_DSI 2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		Tune-up limit (dBm)
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00
20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00
15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00



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10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00
5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

【LTE Band 42 (96)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00



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20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00
15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00
10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00



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5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

【LTE Band 42 (96)_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00
20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00



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15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00
10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00
5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

**[LTE Band 42 (96)_Ant 4_DSI 12]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		17.00
Frequency (MHz)					3575		
20	QPSK	1	0		15.48		17.00
20	QPSK	1	49		15.37		17.00
20	QPSK	1	99		15.32		17.00
20	QPSK	50	0		15.46		17.00
20	QPSK	50	24		15.25		17.00
20	QPSK	50	50		15.26		17.00
20	QPSK	100	0		15.38		17.00
20	16QAM	1	0		15.42		17.00
20	16QAM	1	49		15.44		17.00
20	16QAM	1	99		15.37		17.00
20	16QAM	50	0		15.35		17.00
20	16QAM	50	24		15.39		17.00
20	16QAM	50	50		15.37		17.00
20	16QAM	100	0		15.34		17.00
20	64QAM	1	0		15.39		17.00
20	64QAM	1	49		15.46		17.00
20	64QAM	1	99		15.40		17.00
20	64QAM	50	0		15.43		17.00
20	64QAM	50	24		15.46		17.00
20	64QAM	50	50		15.40		17.00
20	64QAM	100	0		15.45		17.00
20	256QAM	1	0		15.39		17.00
20	256QAM	1	49		15.43		17.00
20	256QAM	1	99		15.42		17.00
20	256QAM	50	0		15.40		17.00
20	256QAM	50	24		15.43		17.00
20	256QAM	50	50		15.41		17.00
20	256QAM	100	0		15.38		17.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	15.23	15.46	15.27	17.00
15	QPSK	1	37	15.30	15.30	15.37	17.00
15	QPSK	1	74	15.18	15.39	15.26	17.00
15	QPSK	36	0	15.28	15.44	15.31	17.00
15	QPSK	36	20	15.30	15.38	15.18	17.00
15	QPSK	36	39	15.33	15.32	15.22	17.00
15	QPSK	75	0	15.16	15.36	15.30	17.00
15	16QAM	1	0	15.25	15.38	15.35	17.00
15	16QAM	1	37	15.32	15.32	15.25	17.00
15	16QAM	1	74	15.25	15.27	15.19	17.00
15	16QAM	36	0	15.32	15.29	15.24	17.00
15	16QAM	36	20	15.29	15.35	15.32	17.00
15	16QAM	36	39	15.20	15.24	15.22	17.00
15	16QAM	75	0	15.20	15.28	15.35	17.00
15	64QAM	1	0	15.29	15.36	15.29	17.00
15	64QAM	1	37	15.27	15.33	15.26	17.00
15	64QAM	1	74	15.21	15.35	15.18	17.00
15	64QAM	36	0	15.33	15.39	15.27	17.00
15	64QAM	36	20	15.20	15.38	15.27	17.00
15	64QAM	36	39	15.25	15.32	15.34	17.00
15	64QAM	75	0	15.27	15.34	15.26	17.00
15	256QAM	1	0	15.28	15.26	15.20	17.00
15	256QAM	1	37	15.27	15.36	15.25	17.00
15	256QAM	1	74	15.35	15.33	15.31	17.00
15	256QAM	36	0	15.39	15.37	15.22	17.00
15	256QAM	36	20	15.27	15.36	15.27	17.00
15	256QAM	36	39	15.30	15.38	15.27	17.00
15	256QAM	75	0	15.31	15.24	15.22	17.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	15.30	15.46	15.34	17.00
10	QPSK	1	25	15.26	15.35	15.37	17.00
10	QPSK	1	49	15.22	15.38	15.35	17.00
10	QPSK	25	0	15.24	15.33	15.27	17.00
10	QPSK	25	12	15.27	15.34	15.26	17.00
10	QPSK	25	25	15.37	15.35	15.23	17.00
10	QPSK	50	0	15.17	15.26	15.22	17.00
10	16QAM	1	0	15.22	15.32	15.28	17.00
10	16QAM	1	25	15.27	15.38	15.29	17.00
10	16QAM	1	49	15.21	15.30	15.25	17.00



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10	16QAM	25	0	15.30	15.34	15.26	17.00
10	16QAM	25	12	15.21	15.34	15.32	17.00
10	16QAM	25	25	15.20	15.31	15.26	17.00
10	16QAM	50	0	15.30	15.24	15.37	17.00
10	64QAM	1	0	15.24	15.37	15.29	17.00
10	64QAM	1	25	15.40	15.33	15.19	17.00
10	64QAM	1	49	15.24	15.32	15.26	17.00
10	64QAM	25	0	15.28	15.36	15.32	17.00
10	64QAM	25	12	15.33	15.39	15.19	17.00
10	64QAM	25	25	15.27	15.30	15.23	17.00
10	64QAM	50	0	15.21	15.33	15.33	17.00
10	256QAM	1	0	15.34	15.26	15.30	17.00
10	256QAM	1	25	15.33	15.40	15.22	17.00
10	256QAM	1	49	15.35	15.33	15.29	17.00
10	256QAM	25	0	15.25	15.28	15.31	17.00
10	256QAM	25	12	15.26	15.40	15.22	17.00
10	256QAM	25	25	15.29	15.37	15.21	17.00
10	256QAM	50	0	15.32	15.29	15.32	17.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	15.28	15.35	15.25	17.00
5	QPSK	1	12	15.23	15.27	15.38	17.00
5	QPSK	1	24	15.19	15.27	15.32	17.00
5	QPSK	12	0	15.25	15.38	15.27	17.00
5	QPSK	12	7	15.31	15.30	15.18	17.00
5	QPSK	12	13	15.30	15.37	15.33	17.00
5	QPSK	25	0	15.26	15.32	15.30	17.00
5	16QAM	1	0	15.33	15.32	15.29	17.00
5	16QAM	1	12	15.32	15.43	15.18	17.00
5	16QAM	1	24	15.25	15.30	15.20	17.00
5	16QAM	12	0	15.22	15.28	15.27	17.00
5	16QAM	12	7	15.32	15.37	15.29	17.00
5	16QAM	12	13	15.26	15.30	15.30	17.00
5	16QAM	25	0	15.20	15.31	15.38	17.00
5	64QAM	1	0	15.34	15.27	15.35	17.00
5	64QAM	1	12	15.31	15.38	15.23	17.00
5	64QAM	1	24	15.22	15.26	15.25	17.00
5	64QAM	12	0	15.29	15.32	15.32	17.00
5	64QAM	12	7	15.29	15.40	15.19	17.00
5	64QAM	12	13	15.28	15.33	15.31	17.00
5	64QAM	25	0	15.23	15.30	15.34	17.00
5	256QAM	1	0	15.26	15.28	15.31	17.00
5	256QAM	1	12	15.41	15.32	15.17	17.00
5	256QAM	1	24	15.27	15.36	15.30	17.00
5	256QAM	12	0	15.29	15.28	15.30	17.00
5	256QAM	12	7	15.28	15.37	15.19	17.00
5	256QAM	12	13	15.38	15.37	15.20	17.00
5	256QAM	25	0	15.33	15.33	15.27	17.00

【LTE Band 42 (96)_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00



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20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00
15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00
10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00



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5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

【LTE Band 42 (96)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.05		24.00
20	QPSK	1	49		22.89		24.00
20	QPSK	1	99		22.90		24.00
20	QPSK	50	0		22.06		23.00
20	QPSK	50	24		21.95		23.00
20	QPSK	50	50		21.85		23.00
20	QPSK	100	0		22.02		23.00
20	16QAM	1	0		22.04		23.00
20	16QAM	1	49		22.00		23.00
20	16QAM	1	99		21.92		23.00
20	16QAM	50	0		20.97		22.00
20	16QAM	50	24		20.88		22.00
20	16QAM	50	50		20.90		22.00
20	16QAM	100	0		21.00		22.00
20	64QAM	1	0		21.03		22.00
20	64QAM	1	49		20.99		22.00
20	64QAM	1	99		20.92		22.00
20	64QAM	50	0		20.03		21.00
20	64QAM	50	24		19.92		21.00
20	64QAM	50	50		19.99		21.00
20	64QAM	100	0		20.01		21.00
20	256QAM	1	0		18.06		19.00
20	256QAM	1	49		18.04		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.87		19.00
20	256QAM	50	24		17.98		19.00
20	256QAM	50	50		18.03		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	22.83	22.92	22.89	24.00
15	QPSK	1	37	22.60	22.88	22.69	24.00
15	QPSK	1	74	22.48	22.84	22.67	24.00
15	QPSK	36	0	21.96	21.98	21.98	23.00
15	QPSK	36	20	21.66	21.94	21.64	23.00
15	QPSK	36	39	21.59	21.73	21.65	23.00
15	QPSK	75	0	21.72	21.93	21.79	23.00
15	16QAM	1	0	21.70	21.93	21.75	23.00
15	16QAM	1	37	21.68	21.90	21.80	23.00
15	16QAM	1	74	21.64	21.83	21.68	23.00
15	16QAM	36	0	20.65	20.82	20.72	22.00
15	16QAM	36	20	20.48	20.84	20.69	22.00
15	16QAM	36	39	20.63	20.79	20.73	22.00
15	16QAM	75	0	20.77	20.92	20.86	22.00
15	64QAM	1	0	20.71	20.92	20.76	22.00
15	64QAM	1	37	20.68	20.97	20.66	22.00



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15	64QAM	1	74	20.64	20.89	20.61	22.00
15	64QAM	36	0	19.77	19.98	19.86	21.00
15	64QAM	36	20	19.68	19.88	19.68	21.00
15	64QAM	36	39	19.76	19.98	19.65	21.00
15	64QAM	75	0	19.72	19.97	19.79	21.00
15	256QAM	1	0	17.84	18.00	17.87	19.00
15	256QAM	1	37	17.75	17.91	17.81	19.00
15	256QAM	1	74	17.57	17.81	17.72	19.00
15	256QAM	36	0	17.59	17.75	17.62	19.00
15	256QAM	36	20	17.71	17.84	17.77	19.00
15	256QAM	36	39	17.76	17.91	17.87	19.00
15	256QAM	75	0	17.57	17.87	17.74	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.89	22.90	22.85	24.00
10	QPSK	1	25	22.51	22.80	22.74	24.00
10	QPSK	1	49	22.55	22.83	22.61	24.00
10	QPSK	25	0	21.87	21.98	21.92	23.00
10	QPSK	25	12	21.72	21.93	21.71	23.00
10	QPSK	25	25	21.63	21.82	21.72	23.00
10	QPSK	50	0	21.75	21.87	21.80	23.00
10	16QAM	1	0	21.82	21.96	21.81	23.00
10	16QAM	1	25	21.78	21.88	21.72	23.00
10	16QAM	1	49	21.58	21.81	21.58	23.00
10	16QAM	25	0	20.67	20.84	20.74	22.00
10	16QAM	25	12	20.52	20.79	20.66	22.00
10	16QAM	25	25	20.59	20.88	20.73	22.00
10	16QAM	50	0	20.63	20.91	20.85	22.00
10	64QAM	1	0	20.71	20.96	20.84	22.00
10	64QAM	1	25	20.70	20.93	20.70	22.00
10	64QAM	1	49	20.59	20.82	20.66	22.00
10	64QAM	25	0	19.74	20.02	19.86	21.00
10	64QAM	25	12	19.64	19.82	19.75	21.00
10	64QAM	25	25	19.73	19.84	19.68	21.00
10	64QAM	50	0	19.77	19.88	19.72	21.00
10	256QAM	1	0	17.81	17.92	17.86	19.00
10	256QAM	1	25	17.79	17.92	17.87	19.00
10	256QAM	1	49	17.63	17.89	17.61	19.00
10	256QAM	25	0	17.66	17.81	17.57	19.00
10	256QAM	25	12	17.73	17.90	17.71	19.00
10	256QAM	25	25	17.77	17.99	17.80	19.00
10	256QAM	50	0	17.61	17.84	17.76	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.83	22.90	22.91	24.00
5	QPSK	1	12	22.63	22.82	22.72	24.00
5	QPSK	1	24	22.50	22.82	22.69	24.00
5	QPSK	12	0	21.94	21.93	21.90	23.00
5	QPSK	12	7	21.74	21.93	21.74	23.00
5	QPSK	12	13	21.63	21.76	21.68	23.00
5	QPSK	25	0	21.73	21.97	21.77	23.00
5	16QAM	1	0	21.73	21.89	21.71	23.00
5	16QAM	1	12	21.67	21.96	21.78	23.00
5	16QAM	1	24	21.68	21.84	21.65	23.00
5	16QAM	12	0	20.61	20.94	20.73	22.00
5	16QAM	12	7	20.49	20.77	20.73	22.00
5	16QAM	12	13	20.56	20.79	20.74	22.00
5	16QAM	25	0	20.65	20.94	20.78	22.00
5	64QAM	1	0	20.67	20.99	20.81	22.00
5	64QAM	1	12	20.68	20.89	20.69	22.00
5	64QAM	1	24	20.66	20.78	20.65	22.00
5	64QAM	12	0	19.71	19.92	19.81	21.00
5	64QAM	12	7	19.62	19.90	19.71	21.00
5	64QAM	12	13	19.78	19.97	19.72	21.00
5	64QAM	25	0	19.71	19.89	19.81	21.00
5	256QAM	1	0	17.80	17.94	17.78	19.00
5	256QAM	1	12	17.82	17.91	17.82	19.00
5	256QAM	1	24	17.66	17.89	17.61	19.00
5	256QAM	12	0	17.67	17.75	17.61	19.00
5	256QAM	12	7	17.73	17.93	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.76	19.00
5	256QAM	25	0	17.61	17.83	17.73	19.00

**【LTE Band 42 (96)_Ant 6_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					43340		23.00
Frequency (MHz)					3575		
20	QPSK	1	0		21.97		23.00
20	QPSK	1	49		21.90		23.00
20	QPSK	1	99		21.92		23.00
20	QPSK	50	0		21.16		22.00
20	QPSK	50	24		21.07		22.00
20	QPSK	50	50		21.05		22.00
20	QPSK	100	0		20.97		22.00
20	16QAM	1	0		21.15		22.00
20	16QAM	1	49		21.12		22.00
20	16QAM	1	99		21.06		22.00
20	16QAM	50	0		20.09		21.00
20	16QAM	50	24		20.18		21.00
20	16QAM	50	50		20.04		21.00
20	16QAM	100	0		20.13		21.00
20	64QAM	1	0		20.12		21.00
20	64QAM	1	49		20.06		21.00
20	64QAM	1	99		20.15		21.00
20	64QAM	50	0		19.12		20.00
20	64QAM	50	24		19.15		20.00
20	64QAM	50	50		19.15		20.00
20	64QAM	100	0		19.12		20.00
20	256QAM	1	0		17.20		18.00
20	256QAM	1	49		16.99		18.00
20	256QAM	1	99		17.11		18.00
20	256QAM	50	0		16.99		18.00
20	256QAM	50	24		16.99		18.00
20	256QAM	50	50		17.01		18.00
20	256QAM	100	0		17.07		18.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	21.80	21.95	21.85	23.00
15	QPSK	1	37	21.67	21.85	21.71	23.00
15	QPSK	1	74	21.60	21.78	21.74	23.00
15	QPSK	36	0	20.88	21.12	20.86	22.00
15	QPSK	36	20	20.79	20.96	20.91	22.00
15	QPSK	36	39	20.78	20.98	20.85	22.00
15	QPSK	75	0	20.79	20.90	20.69	22.00
15	16QAM	1	0	20.83	21.04	20.99	22.00
15	16QAM	1	37	20.97	21.07	20.97	22.00
15	16QAM	1	74	20.87	20.91	20.94	22.00
15	16QAM	36	0	19.85	20.05	19.89	21.00
15	16QAM	36	20	19.99	20.15	19.94	21.00
15	16QAM	36	39	19.72	19.93	19.87	21.00
15	16QAM	75	0	19.85	20.11	20.01	21.00
15	64QAM	1	0	19.89	20.05	19.99	21.00
15	64QAM	1	37	19.84	19.95	19.93	21.00
15	64QAM	1	74	19.88	20.05	19.88	21.00
15	64QAM	36	0	18.87	19.06	18.87	20.00
15	64QAM	36	20	18.90	19.14	18.85	20.00
15	64QAM	36	39	18.93	19.09	18.96	20.00
15	64QAM	75	0	18.90	19.07	18.99	20.00
15	256QAM	1	0	17.01	17.10	17.12	18.00
15	256QAM	1	37	16.73	16.90	16.71	18.00
15	256QAM	1	74	16.92	16.99	16.96	18.00
15	256QAM	36	0	16.72	16.92	16.72	18.00
15	256QAM	36	20	16.78	16.95	16.70	18.00
15	256QAM	36	39	16.71	16.91	16.89	18.00
15	256QAM	75	0	16.94	17.06	16.93	18.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	21.84	21.98	21.92	23.00
10	QPSK	1	25	21.70	21.86	21.60	23.00
10	QPSK	1	49	21.67	21.78	21.77	23.00
10	QPSK	25	0	20.89	21.13	20.94	22.00
10	QPSK	25	12	20.91	21.05	20.87	22.00
10	QPSK	25	25	20.76	20.93	20.91	22.00
10	QPSK	50	0	20.77	20.89	20.69	22.00
10	16QAM	1	0	20.91	21.01	21.04	22.00
10	16QAM	1	25	21.00	21.07	20.99	22.00
10	16QAM	1	49	20.87	21.05	20.96	22.00



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10	16QAM	25	0	19.84	19.97	19.86	21.00
10	16QAM	25	12	20.06	20.08	19.94	21.00
10	16QAM	25	25	19.73	19.99	19.92	21.00
10	16QAM	50	0	19.78	20.11	20.04	21.00
10	64QAM	1	0	19.99	20.06	19.90	21.00
10	64QAM	1	25	19.87	19.91	19.84	21.00
10	64QAM	1	49	19.92	20.11	19.96	21.00
10	64QAM	25	0	18.79	19.05	18.86	20.00
10	64QAM	25	12	18.95	19.01	18.87	20.00
10	64QAM	25	25	18.88	19.02	18.92	20.00
10	64QAM	50	0	18.96	19.07	19.01	20.00
10	256QAM	1	0	16.91	17.18	17.03	18.00
10	256QAM	1	25	16.70	16.91	16.75	18.00
10	256QAM	1	49	16.95	17.00	17.05	18.00
10	256QAM	25	0	16.74	16.89	16.76	18.00
10	256QAM	25	12	16.83	16.86	16.79	18.00
10	256QAM	25	25	16.71	16.91	16.78	18.00
10	256QAM	50	0	16.96	17.00	16.92	18.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	21.85	21.84	21.92	23.00
5	QPSK	1	12	21.75	21.83	21.64	23.00
5	QPSK	1	24	21.60	21.80	21.67	23.00
5	QPSK	12	0	20.96	21.09	20.94	22.00
5	QPSK	12	7	20.82	21.02	20.85	22.00
5	QPSK	12	13	20.84	20.97	20.86	22.00
5	QPSK	25	0	20.66	20.92	20.82	22.00
5	16QAM	1	0	20.93	21.11	20.99	22.00
5	16QAM	1	12	20.98	21.08	20.96	22.00
5	16QAM	1	24	20.93	21.05	20.88	22.00
5	16QAM	12	0	19.81	20.06	19.85	21.00
5	16QAM	12	7	20.07	20.04	19.97	21.00
5	16QAM	12	13	19.76	19.94	19.95	21.00
5	16QAM	25	0	19.84	20.10	20.00	21.00
5	64QAM	1	0	19.90	20.07	19.89	21.00
5	64QAM	1	12	19.91	19.92	19.87	21.00
5	64QAM	1	24	19.98	20.06	19.94	21.00
5	64QAM	12	0	18.89	19.07	18.88	20.00
5	64QAM	12	7	18.91	19.03	18.92	20.00
5	64QAM	12	13	18.98	19.10	18.98	20.00
5	64QAM	25	0	18.98	19.10	18.95	20.00
5	256QAM	1	0	17.04	17.14	17.07	18.00
5	256QAM	1	12	16.79	16.91	16.75	18.00
5	256QAM	1	24	16.89	17.06	16.94	18.00
5	256QAM	12	0	16.78	16.94	16.82	18.00
5	256QAM	12	7	16.80	16.92	16.80	18.00
5	256QAM	12	13	16.70	16.94	16.77	18.00
5	256QAM	25	0	16.88	17.04	16.97	18.00

【LTE Band 42 (96)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		21.97		23.00
20	QPSK	1	49		21.90		23.00
20	QPSK	1	99		21.92		23.00
20	QPSK	50	0		21.16		22.00
20	QPSK	50	24		21.07		22.00
20	QPSK	50	50		21.05		22.00
20	QPSK	100	0		20.97		22.00
20	16QAM	1	0		21.15		22.00
20	16QAM	1	49		21.12		22.00
20	16QAM	1	99		21.06		22.00
20	16QAM	50	0		20.09		21.00
20	16QAM	50	24		20.18		21.00
20	16QAM	50	50		20.04		21.00
20	16QAM	100	0		20.13		21.00
20	64QAM	1	0		20.12		21.00
20	64QAM	1	49		20.06		21.00
20	64QAM	1	99		20.15		21.00
20	64QAM	50	0		19.12		20.00
20	64QAM	50	24		19.15		20.00



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20	64QAM	50	50		19.15		20.00
20	64QAM	100	0		19.12		20.00
20	256QAM	1	0		17.20		18.00
20	256QAM	1	49		16.99		18.00
20	256QAM	1	99		17.11		18.00
20	256QAM	50	0		16.99		18.00
20	256QAM	50	24		16.99		18.00
20	256QAM	50	50		17.01		18.00
20	256QAM	100	0		17.07		18.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	21.80	21.95	21.85	23.00
15	QPSK	1	37	21.67	21.85	21.71	23.00
15	QPSK	1	74	21.60	21.78	21.74	23.00
15	QPSK	36	0	20.88	21.12	20.86	22.00
15	QPSK	36	20	20.79	20.96	20.91	22.00
15	QPSK	36	39	20.78	20.98	20.85	22.00
15	QPSK	75	0	20.79	20.90	20.69	22.00
15	16QAM	1	0	20.83	21.04	20.99	22.00
15	16QAM	1	37	20.97	21.07	20.97	22.00
15	16QAM	1	74	20.87	20.91	20.94	22.00
15	16QAM	36	0	19.85	20.05	19.89	21.00
15	16QAM	36	20	19.99	20.15	19.94	21.00
15	16QAM	36	39	19.72	19.93	19.87	21.00
15	16QAM	75	0	19.85	20.11	20.01	21.00
15	64QAM	1	0	19.89	20.05	19.99	21.00
15	64QAM	1	37	19.84	19.95	19.93	21.00
15	64QAM	1	74	19.88	20.05	19.88	21.00
15	64QAM	36	0	18.87	19.06	18.87	20.00
15	64QAM	36	20	18.90	19.14	18.85	20.00
15	64QAM	36	39	18.93	19.09	18.96	20.00
15	64QAM	75	0	18.90	19.07	18.99	20.00
15	256QAM	1	0	17.01	17.10	17.12	18.00
15	256QAM	1	37	16.73	16.90	16.71	18.00
15	256QAM	1	74	16.92	16.99	16.96	18.00
15	256QAM	36	0	16.72	16.92	16.72	18.00
15	256QAM	36	20	16.78	16.95	16.70	18.00
15	256QAM	36	39	16.71	16.91	16.89	18.00
15	256QAM	75	0	16.94	17.06	16.93	18.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	21.84	21.98	21.92	23.00
10	QPSK	1	25	21.70	21.86	21.60	23.00
10	QPSK	1	49	21.67	21.78	21.77	23.00
10	QPSK	25	0	20.89	21.13	20.94	22.00
10	QPSK	25	12	20.91	21.05	20.87	22.00
10	QPSK	25	25	20.76	20.93	20.91	22.00
10	QPSK	50	0	20.77	20.89	20.69	22.00
10	16QAM	1	0	20.91	21.01	21.04	22.00
10	16QAM	1	25	21.00	21.07	20.99	22.00
10	16QAM	1	49	20.87	21.05	20.96	22.00
10	16QAM	25	0	19.84	19.97	19.86	21.00
10	16QAM	25	12	20.06	20.08	19.94	21.00
10	16QAM	25	25	19.73	19.99	19.92	21.00
10	16QAM	50	0	19.78	20.11	20.04	21.00
10	64QAM	1	0	19.99	20.06	19.90	21.00
10	64QAM	1	25	19.87	19.91	19.84	21.00
10	64QAM	1	49	19.92	20.11	19.96	21.00
10	64QAM	25	0	18.79	19.05	18.86	20.00
10	64QAM	25	12	18.95	19.01	18.87	20.00
10	64QAM	25	25	18.88	19.02	18.92	20.00
10	64QAM	50	0	18.96	19.07	19.01	20.00
10	256QAM	1	0	16.91	17.18	17.03	18.00
10	256QAM	1	25	16.70	16.91	16.75	18.00
10	256QAM	1	49	16.95	17.00	17.05	18.00
10	256QAM	25	0	16.74	16.89	16.76	18.00
10	256QAM	25	12	16.83	16.86	16.79	18.00
10	256QAM	25	25	16.71	16.91	16.78	18.00
10	256QAM	50	0	16.96	17.00	16.92	18.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	21.85	21.84	21.92	23.00
5	QPSK	1	12	21.75	21.83	21.64	23.00
5	QPSK	1	24	21.60	21.80	21.67	23.00
5	QPSK	12	0	20.96	21.09	20.94	22.00
5	QPSK	12	7	20.82	21.02	20.85	22.00
5	QPSK	12	13	20.84	20.97	20.86	22.00
5	QPSK	25	0	20.66	20.92	20.82	22.00



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5	16QAM	1	0	20.93	21.11	20.99	22.00
5	16QAM	1	12	20.98	21.08	20.96	22.00
5	16QAM	1	24	20.93	21.05	20.88	22.00
5	16QAM	12	0	19.81	20.06	19.85	21.00
5	16QAM	12	7	20.07	20.04	19.97	21.00
5	16QAM	12	13	19.76	19.94	19.95	21.00
5	16QAM	25	0	19.84	20.10	20.00	21.00
5	64QAM	1	0	19.90	20.07	19.89	21.00
5	64QAM	1	12	19.91	19.92	19.87	21.00
5	64QAM	1	24	19.98	20.06	19.94	21.00
5	64QAM	12	0	18.89	19.07	18.88	20.00
5	64QAM	12	7	18.91	19.03	18.92	20.00
5	64QAM	12	13	18.98	19.10	18.98	20.00
5	64QAM	25	0	18.98	19.10	18.95	20.00
5	256QAM	1	0	17.04	17.14	17.07	18.00
5	256QAM	1	12	16.79	16.91	16.75	18.00
5	256QAM	1	24	16.89	17.06	16.94	18.00
5	256QAM	12	0	16.78	16.94	16.82	18.00
5	256QAM	12	7	16.80	16.92	16.80	18.00
5	256QAM	12	13	16.70	16.94	16.77	18.00
5	256QAM	25	0	16.88	17.04	16.97	18.00

【LTE Band 42 (96)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		20.07		21.50
20	QPSK	1	49		19.97		21.50
20	QPSK	1	99		19.95		21.50
20	QPSK	50	0		19.99		21.50
20	QPSK	50	24		19.86		21.50
20	QPSK	50	50		19.91		21.50
20	QPSK	100	0		19.86		21.50
20	16QAM	1	0		19.89		21.50
20	16QAM	1	49		19.88		21.50
20	16QAM	1	99		19.95		21.50
20	16QAM	50	0		19.91		20.80
20	16QAM	50	24		19.88		20.80
20	16QAM	50	50		19.85		20.80
20	16QAM	100	0		19.94		20.80
20	64QAM	1	0		19.87		20.80
20	64QAM	1	49		19.73		20.80
20	64QAM	1	99		19.80		20.80
20	64QAM	50	0		18.89		19.80
20	64QAM	50	24		18.78		19.80
20	64QAM	50	50		18.64		19.80
20	64QAM	100	0		18.79		19.80
20	256QAM	1	0		16.92		17.80
20	256QAM	1	49		16.91		17.80
20	256QAM	1	99		16.88		17.80
20	256QAM	50	0		16.86		17.80
20	256QAM	50	24		16.89		17.80
20	256QAM	50	50		16.95		17.80
20	256QAM	100	0		16.87		17.80
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	19.90	20.03	19.92	21.50
15	QPSK	1	37	19.81	19.83	19.91	21.50
15	QPSK	1	74	19.94	19.89	19.88	21.50
15	QPSK	36	0	19.82	19.86	19.76	21.50
15	QPSK	36	20	19.85	19.77	19.77	21.50
15	QPSK	36	39	19.76	19.85	19.82	21.50
15	QPSK	75	0	19.81	19.85	19.74	21.50
15	16QAM	1	0	19.72	19.81	19.82	21.50
15	16QAM	1	37	19.86	19.85	19.79	21.50
15	16QAM	1	74	19.82	19.86	19.76	21.50
15	16QAM	36	0	19.69	19.78	19.50	20.80
15	16QAM	36	20	19.50	19.83	19.57	20.80
15	16QAM	36	39	19.57	19.83	19.48	20.80
15	16QAM	75	0	19.68	19.93	19.58	20.80
15	64QAM	1	0	19.59	19.83	19.53	20.80
15	64QAM	1	37	19.41	19.58	19.40	20.80



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15	64QAM	1	74	19.61	19.78	19.40	20.80
15	64QAM	36	0	18.70	18.83	18.56	19.80
15	64QAM	36	20	18.55	18.69	18.40	19.80
15	64QAM	36	39	18.48	18.54	18.29	19.80
15	64QAM	75	0	18.47	18.77	18.45	19.80
15	256QAM	1	0	16.67	16.88	16.63	17.80
15	256QAM	1	37	16.60	16.78	16.52	17.80
15	256QAM	1	74	16.60	16.75	16.45	17.80
15	256QAM	36	0	16.70	16.77	16.52	17.80
15	256QAM	36	20	16.63	16.85	16.56	17.80
15	256QAM	36	39	16.80	16.87	16.59	17.80
15	256QAM	75	0	16.62	16.75	16.61	17.80
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	19.93	20.06	19.87	21.50
10	QPSK	1	25	19.85	19.82	19.91	21.50
10	QPSK	1	49	19.94	19.81	19.94	21.50
10	QPSK	25	0	19.79	19.89	19.76	21.50
10	QPSK	25	12	19.76	19.77	19.80	21.50
10	QPSK	25	25	19.84	19.80	19.78	21.50
10	QPSK	50	0	19.74	19.79	19.79	21.50
10	16QAM	1	0	19.80	19.83	19.75	21.50
10	16QAM	1	25	19.78	19.85	19.72	21.50
10	16QAM	1	49	19.78	19.85	19.77	21.50
10	16QAM	25	0	19.64	19.77	19.59	20.80
10	16QAM	25	12	19.58	19.82	19.57	20.80
10	16QAM	25	25	19.53	19.71	19.51	20.80
10	16QAM	50	0	19.70	19.84	19.56	20.80
10	64QAM	1	0	19.61	19.78	19.50	20.80
10	64QAM	1	25	19.39	19.62	19.46	20.80
10	64QAM	1	49	19.50	19.66	19.39	20.80
10	64QAM	25	0	18.67	18.83	18.47	19.80
10	64QAM	25	12	18.45	18.66	18.42	19.80
10	64QAM	25	25	18.40	18.56	18.29	19.80
10	64QAM	50	0	18.45	18.71	18.42	19.80
10	256QAM	1	0	16.69	16.84	16.55	17.80
10	256QAM	1	25	16.62	16.82	16.64	17.80
10	256QAM	1	49	16.63	16.81	16.42	17.80
10	256QAM	25	0	16.61	16.74	16.61	17.80
10	256QAM	25	12	16.62	16.88	16.58	17.80
10	256QAM	25	25	16.77	16.86	16.56	17.80
10	256QAM	50	0	16.73	16.82	16.57	17.80
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	19.93	20.04	19.88	21.50
5	QPSK	1	12	19.92	19.86	19.88	21.50
5	QPSK	1	24	19.85	19.89	19.90	21.50
5	QPSK	12	0	19.76	19.91	19.75	21.50
5	QPSK	12	7	19.79	19.82	19.74	21.50
5	QPSK	12	13	19.82	19.76	19.84	21.50
5	QPSK	25	0	19.79	19.74	19.72	21.50
5	16QAM	1	0	19.73	19.82	19.75	21.50
5	16QAM	1	12	19.78	19.74	19.76	21.50
5	16QAM	1	24	19.75	19.93	19.73	21.50
5	16QAM	12	0	19.64	19.90	19.60	20.80
5	16QAM	12	7	19.58	19.74	19.50	20.80
5	16QAM	12	13	19.65	19.75	19.53	20.80
5	16QAM	25	0	19.65	19.93	19.56	20.80
5	64QAM	1	0	19.61	19.77	19.44	20.80
5	64QAM	1	12	19.36	19.70	19.41	20.80
5	64QAM	1	24	19.60	19.71	19.45	20.80
5	64QAM	12	0	18.75	18.82	18.51	19.80
5	64QAM	12	7	18.46	18.70	18.37	19.80
5	64QAM	12	13	18.48	18.54	18.30	19.80
5	64QAM	25	0	18.49	18.65	18.44	19.80
5	256QAM	1	0	16.65	16.83	16.57	17.80
5	256QAM	1	12	16.67	16.89	16.57	17.80
5	256QAM	1	24	16.63	16.75	16.46	17.80
5	256QAM	12	0	16.58	16.72	16.53	17.80
5	256QAM	12	7	16.74	16.76	16.65	17.80
5	256QAM	12	13	16.78	16.85	16.52	17.80
5	256QAM	25	0	16.71	16.75	16.64	17.80

**【LTE Band 42 (96)_Ant 6_DSI 6】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		23.00
Frequency (MHz)					3575		
20	QPSK	1	0		21.97		23.00
20	QPSK	1	49		21.90		23.00
20	QPSK	1	99		21.92		23.00
20	QPSK	50	0		21.16		22.00
20	QPSK	50	24		21.07		22.00
20	QPSK	50	50		21.05		22.00
20	QPSK	100	0		20.97		22.00
20	16QAM	1	0		21.15		22.00
20	16QAM	1	49		21.12		22.00
20	16QAM	1	99		21.06		22.00
20	16QAM	50	0		20.09		21.00
20	16QAM	50	24		20.18		21.00
20	16QAM	50	50		20.04		21.00
20	16QAM	100	0		20.13		21.00
20	64QAM	1	0		20.12		21.00
20	64QAM	1	49		20.06		21.00
20	64QAM	1	99		20.15		21.00
20	64QAM	50	0		19.12		20.00
20	64QAM	50	24		19.15		20.00
20	64QAM	50	50		19.15		20.00
20	64QAM	100	0		19.12		20.00
20	256QAM	1	0		17.20		18.00
20	256QAM	1	49		16.99		18.00
20	256QAM	1	99		17.11		18.00
20	256QAM	50	0		16.99		18.00
20	256QAM	50	24		16.99		18.00
20	256QAM	50	50		17.01		18.00
20	256QAM	100	0		17.07		18.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	21.80	21.95	21.85	23.00
15	QPSK	1	37	21.67	21.85	21.71	23.00
15	QPSK	1	74	21.60	21.78	21.74	23.00
15	QPSK	36	0	20.88	21.12	20.86	22.00
15	QPSK	36	20	20.79	20.96	20.91	22.00
15	QPSK	36	39	20.78	20.98	20.85	22.00
15	QPSK	75	0	20.79	20.90	20.69	22.00
15	16QAM	1	0	20.83	21.04	20.99	22.00
15	16QAM	1	37	20.97	21.07	20.97	22.00
15	16QAM	1	74	20.87	20.91	20.94	22.00
15	16QAM	36	0	19.85	20.05	19.89	21.00
15	16QAM	36	20	19.99	20.15	19.94	21.00
15	16QAM	36	39	19.72	19.93	19.87	21.00
15	16QAM	75	0	19.85	20.11	20.01	21.00
15	64QAM	1	0	19.89	20.05	19.99	21.00
15	64QAM	1	37	19.84	19.95	19.93	21.00
15	64QAM	1	74	19.88	20.05	19.88	21.00
15	64QAM	36	0	18.87	19.06	18.87	20.00
15	64QAM	36	20	18.90	19.14	18.85	20.00
15	64QAM	36	39	18.93	19.09	18.96	20.00
15	64QAM	75	0	18.90	19.07	18.99	20.00
15	256QAM	1	0	17.01	17.10	17.12	18.00
15	256QAM	1	37	16.73	16.90	16.71	18.00
15	256QAM	1	74	16.92	16.99	16.96	18.00
15	256QAM	36	0	16.72	16.92	16.72	18.00
15	256QAM	36	20	16.78	16.95	16.70	18.00
15	256QAM	36	39	16.71	16.91	16.89	18.00
15	256QAM	75	0	16.94	17.06	16.93	18.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	21.84	21.98	21.92	23.00
10	QPSK	1	25	21.70	21.86	21.60	23.00
10	QPSK	1	49	21.67	21.78	21.77	23.00
10	QPSK	25	0	20.89	21.13	20.94	22.00
10	QPSK	25	12	20.91	21.05	20.87	22.00
10	QPSK	25	25	20.76	20.93	20.91	22.00
10	QPSK	50	0	20.77	20.89	20.69	22.00
10	16QAM	1	0	20.91	21.01	21.04	22.00
10	16QAM	1	25	21.00	21.07	20.99	22.00
10	16QAM	1	49	20.87	21.05	20.96	22.00



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10	16QAM	25	0	19.84	19.97	19.86	21.00
10	16QAM	25	12	20.06	20.08	19.94	21.00
10	16QAM	25	25	19.73	19.99	19.92	21.00
10	16QAM	50	0	19.78	20.11	20.04	21.00
10	64QAM	1	0	19.99	20.06	19.90	21.00
10	64QAM	1	25	19.87	19.91	19.84	21.00
10	64QAM	1	49	19.92	20.11	19.96	21.00
10	64QAM	25	0	18.79	19.05	18.86	20.00
10	64QAM	25	12	18.95	19.01	18.87	20.00
10	64QAM	25	25	18.88	19.02	18.92	20.00
10	64QAM	50	0	18.96	19.07	19.01	20.00
10	256QAM	1	0	16.91	17.18	17.03	18.00
10	256QAM	1	25	16.70	16.91	16.75	18.00
10	256QAM	1	49	16.95	17.00	17.05	18.00
10	256QAM	25	0	16.74	16.89	16.76	18.00
10	256QAM	25	12	16.83	16.86	16.79	18.00
10	256QAM	25	25	16.71	16.91	16.78	18.00
10	256QAM	50	0	16.96	17.00	16.92	18.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	21.85	21.84	21.92	23.00
5	QPSK	1	12	21.75	21.83	21.64	23.00
5	QPSK	1	24	21.60	21.80	21.67	23.00
5	QPSK	12	0	20.96	21.09	20.94	22.00
5	QPSK	12	7	20.82	21.02	20.85	22.00
5	QPSK	12	13	20.84	20.97	20.86	22.00
5	QPSK	25	0	20.66	20.92	20.82	22.00
5	16QAM	1	0	20.93	21.11	20.99	22.00
5	16QAM	1	12	20.98	21.08	20.96	22.00
5	16QAM	1	24	20.93	21.05	20.88	22.00
5	16QAM	12	0	19.81	20.06	19.85	21.00
5	16QAM	12	7	20.07	20.04	19.97	21.00
5	16QAM	12	13	19.76	19.94	19.95	21.00
5	16QAM	25	0	19.84	20.10	20.00	21.00
5	64QAM	1	0	19.90	20.07	19.89	21.00
5	64QAM	1	12	19.91	19.92	19.87	21.00
5	64QAM	1	24	19.98	20.06	19.94	21.00
5	64QAM	12	0	18.89	19.07	18.88	20.00
5	64QAM	12	7	18.91	19.03	18.92	20.00
5	64QAM	12	13	18.98	19.10	18.98	20.00
5	64QAM	25	0	18.98	19.10	18.95	20.00
5	256QAM	1	0	17.04	17.14	17.07	18.00
5	256QAM	1	12	16.79	16.91	16.75	18.00
5	256QAM	1	24	16.89	17.06	16.94	18.00
5	256QAM	12	0	16.78	16.94	16.82	18.00
5	256QAM	12	7	16.80	16.92	16.80	18.00
5	256QAM	12	13	16.70	16.94	16.77	18.00
5	256QAM	25	0	16.88	17.04	16.97	18.00

【LTE Band 42 (96)_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		15.31		17.10
20	QPSK	1	49		15.17		17.10
20	QPSK	1	99		15.18		17.10
20	QPSK	50	0		15.30		17.10
20	QPSK	50	24		15.23		17.10
20	QPSK	50	50		15.22		17.10
20	QPSK	100	0		15.28		17.10
20	16QAM	1	0		15.27		17.10
20	16QAM	1	49		15.19		17.10
20	16QAM	1	99		15.25		17.10
20	16QAM	50	0		15.27		17.10
20	16QAM	50	24		15.18		17.10
20	16QAM	50	50		15.29		17.10
20	16QAM	100	0		15.23		17.10
20	64QAM	1	0		15.22		17.10
20	64QAM	1	49		15.25		17.10
20	64QAM	1	99		15.26		17.10
20	64QAM	50	0		15.23		17.10
20	64QAM	50	24		15.18		17.10



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20	64QAM	50	50		15.17		17.10
20	64QAM	100	0		15.19		17.10
20	256QAM	1	0		15.26		17.10
20	256QAM	1	49		15.26		17.10
20	256QAM	1	99		15.20		17.10
20	256QAM	50	0		15.21		17.10
20	256QAM	50	24		15.23		17.10
20	256QAM	50	50		15.28		17.10
20	256QAM	100	0		15.26		17.10
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	15.26	15.29	15.10	17.10
15	QPSK	1	37	15.10	15.16	15.10	17.10
15	QPSK	1	74	15.17	15.17	15.10	17.10
15	QPSK	36	0	15.18	15.23	15.13	17.10
15	QPSK	36	20	15.11	15.11	15.11	17.10
15	QPSK	36	39	15.18	15.12	15.11	17.10
15	QPSK	75	0	15.22	15.17	15.11	17.10
15	16QAM	1	0	15.10	15.19	15.18	17.10
15	16QAM	1	37	15.12	15.10	15.10	17.10
15	16QAM	1	74	15.14	15.17	15.10	17.10
15	16QAM	36	0	15.23	15.20	15.10	17.10
15	16QAM	36	20	15.11	15.10	15.10	17.10
15	16QAM	36	39	15.11	15.16	15.10	17.10
15	16QAM	75	0	15.13	15.17	15.12	17.10
15	64QAM	1	0	15.16	15.11	15.11	17.10
15	64QAM	1	37	15.11	15.16	15.16	17.10
15	64QAM	1	74	15.11	15.23	15.12	17.10
15	64QAM	36	0	15.15	15.16	15.10	17.10
15	64QAM	36	20	15.10	15.12	15.16	17.10
15	64QAM	36	39	15.11	15.10	15.14	17.10
15	64QAM	75	0	15.11	15.10	15.12	17.10
15	256QAM	1	0	15.12	15.19	15.14	17.10
15	256QAM	1	37	15.12	15.22	15.12	17.10
15	256QAM	1	74	15.11	15.11	15.10	17.10
15	256QAM	36	0	15.10	15.18	15.17	17.10
15	256QAM	36	20	15.13	15.20	15.12	17.10
15	256QAM	36	39	15.12	15.25	15.12	17.10
15	256QAM	75	0	15.18	15.12	15.11	17.10
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	15.21	15.20	15.20	17.10
10	QPSK	1	25	15.12	15.16	15.11	17.10
10	QPSK	1	49	15.10	15.12	15.10	17.10
10	QPSK	25	0	15.19	15.18	15.10	17.10
10	QPSK	25	12	15.11	15.20	15.10	17.10
10	QPSK	25	25	15.14	15.19	15.11	17.10
10	QPSK	50	0	15.19	15.27	15.10	17.10
10	16QAM	1	0	15.16	15.16	15.17	17.10
10	16QAM	1	25	15.10	15.17	15.11	17.10
10	16QAM	1	49	15.11	15.22	15.10	17.10
10	16QAM	25	0	15.18	15.21	15.11	17.10
10	16QAM	25	12	15.11	15.13	15.11	17.10
10	16QAM	25	25	15.16	15.20	15.10	17.10
10	16QAM	50	0	15.12	15.12	15.11	17.10
10	64QAM	1	0	15.18	15.14	15.11	17.10
10	64QAM	1	25	15.15	15.12	15.10	17.10
10	64QAM	1	49	15.15	15.14	15.17	17.10
10	64QAM	25	0	15.17	15.21	15.15	17.10
10	64QAM	25	12	15.11	15.16	15.14	17.10
10	64QAM	25	25	15.21	15.12	15.15	17.10
10	64QAM	50	0	15.13	15.11	15.11	17.10
10	256QAM	1	0	15.20	15.11	15.11	17.10
10	256QAM	1	25	15.12	15.19	15.10	17.10
10	256QAM	1	49	15.11	15.11	15.11	17.10
10	256QAM	25	0	15.11	15.11	15.16	17.10
10	256QAM	25	12	15.10	15.18	15.12	17.10
10	256QAM	25	25	15.11	15.21	15.15	17.10
10	256QAM	50	0	15.10	15.14	15.12	17.10
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	15.16	15.26	15.16	17.10
5	QPSK	1	12	15.11	15.12	15.12	17.10
5	QPSK	1	24	15.10	15.11	15.10	17.10
5	QPSK	12	0	15.19	15.25	15.10	17.10
5	QPSK	12	7	15.17	15.12	15.21	17.10
5	QPSK	12	13	15.13	15.18	15.10	17.10
5	QPSK	25	0	15.20	15.16	15.11	17.10



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5	16QAM	1	0	15.17	15.23	15.13	17.10
5	16QAM	1	12	15.12	15.11	15.11	17.10
5	16QAM	1	24	15.10	15.14	15.11	17.10
5	16QAM	12	0	15.16	15.13	15.10	17.10
5	16QAM	12	7	15.10	15.13	15.11	17.10
5	16QAM	12	13	15.20	15.21	15.12	17.10
5	16QAM	25	0	15.12	15.18	15.11	17.10
5	64QAM	1	0	15.20	15.12	15.10	17.10
5	64QAM	1	12	15.10	15.15	15.12	17.10
5	64QAM	1	24	15.11	15.21	15.12	17.10
5	64QAM	12	0	15.14	15.17	15.11	17.10
5	64QAM	12	7	15.13	15.15	15.15	17.10
5	64QAM	12	13	15.23	15.10	15.10	17.10
5	64QAM	25	0	15.10	15.15	15.11	17.10
5	256QAM	1	0	15.15	15.19	15.10	17.10
5	256QAM	1	12	15.10	15.20	15.19	17.10
5	256QAM	1	24	15.10	15.18	15.10	17.10
5	256QAM	12	0	15.13	15.11	15.18	17.10
5	256QAM	12	7	15.17	15.12	15.10	17.10
5	256QAM	12	13	15.19	15.16	15.18	17.10
5	256QAM	25	0	15.21	15.16	15.13	17.10

【LTE Band 42 (96)_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		20.07		21.50
20	QPSK	1	49		19.97		21.50
20	QPSK	1	99		19.95		21.50
20	QPSK	50	0		19.99		21.50
20	QPSK	50	24		19.86		21.50
20	QPSK	50	50		19.91		21.50
20	QPSK	100	0		19.86		21.50
20	16QAM	1	0		19.89		21.50
20	16QAM	1	49		19.88		21.50
20	16QAM	1	99		19.95		21.50
20	16QAM	50	0		19.91		20.80
20	16QAM	50	24		19.88		20.80
20	16QAM	50	50		19.85		20.80
20	16QAM	100	0		19.94		20.80
20	64QAM	1	0		19.87		20.80
20	64QAM	1	49		19.73		20.80
20	64QAM	1	99		19.80		20.80
20	64QAM	50	0		18.89		19.80
20	64QAM	50	24		18.78		19.80
20	64QAM	50	50		18.64		19.80
20	64QAM	100	0		18.79		19.80
20	256QAM	1	0		16.92		17.80
20	256QAM	1	49		16.91		17.80
20	256QAM	1	99		16.88		17.80
20	256QAM	50	0		16.86		17.80
20	256QAM	50	24		16.89		17.80
20	256QAM	50	50		16.95		17.80
20	256QAM	100	0		16.87		17.80
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	19.90	20.03	19.92	21.50
15	QPSK	1	37	19.81	19.83	19.91	21.50
15	QPSK	1	74	19.94	19.89	19.88	21.50
15	QPSK	36	0	19.82	19.86	19.76	21.50
15	QPSK	36	20	19.85	19.77	19.77	21.50
15	QPSK	36	39	19.76	19.85	19.82	21.50
15	QPSK	75	0	19.81	19.85	19.74	21.50
15	16QAM	1	0	19.72	19.81	19.82	21.50
15	16QAM	1	37	19.86	19.85	19.79	21.50
15	16QAM	1	74	19.82	19.86	19.76	21.50
15	16QAM	36	0	19.69	19.78	19.50	20.80
15	16QAM	36	20	19.50	19.83	19.57	20.80
15	16QAM	36	39	19.57	19.83	19.48	20.80
15	16QAM	75	0	19.68	19.93	19.58	20.80
15	64QAM	1	0	19.59	19.83	19.53	20.80
15	64QAM	1	37	19.41	19.58	19.40	20.80



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15	64QAM	1	74	19.61	19.78	19.40	20.80
15	64QAM	36	0	18.70	18.83	18.56	19.80
15	64QAM	36	20	18.55	18.69	18.40	19.80
15	64QAM	36	39	18.48	18.54	18.29	19.80
15	64QAM	75	0	18.47	18.77	18.45	19.80
15	256QAM	1	0	16.67	16.88	16.63	17.80
15	256QAM	1	37	16.60	16.78	16.52	17.80
15	256QAM	1	74	16.60	16.75	16.45	17.80
15	256QAM	36	0	16.70	16.77	16.52	17.80
15	256QAM	36	20	16.63	16.85	16.56	17.80
15	256QAM	36	39	16.80	16.87	16.59	17.80
15	256QAM	75	0	16.62	16.75	16.61	17.80
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	19.93	20.06	19.87	21.50
10	QPSK	1	25	19.85	19.82	19.91	21.50
10	QPSK	1	49	19.94	19.81	19.94	21.50
10	QPSK	25	0	19.79	19.89	19.76	21.50
10	QPSK	25	12	19.76	19.77	19.80	21.50
10	QPSK	25	25	19.84	19.80	19.78	21.50
10	QPSK	50	0	19.74	19.79	19.79	21.50
10	16QAM	1	0	19.80	19.83	19.75	21.50
10	16QAM	1	25	19.78	19.85	19.72	21.50
10	16QAM	1	49	19.78	19.85	19.77	21.50
10	16QAM	25	0	19.64	19.77	19.59	20.80
10	16QAM	25	12	19.58	19.82	19.57	20.80
10	16QAM	25	25	19.53	19.71	19.51	20.80
10	16QAM	50	0	19.70	19.84	19.56	20.80
10	64QAM	1	0	19.61	19.78	19.50	20.80
10	64QAM	1	25	19.39	19.62	19.46	20.80
10	64QAM	1	49	19.50	19.66	19.39	20.80
10	64QAM	25	0	18.67	18.83	18.47	19.80
10	64QAM	25	12	18.45	18.66	18.42	19.80
10	64QAM	25	25	18.40	18.56	18.29	19.80
10	64QAM	50	0	18.45	18.71	18.42	19.80
10	256QAM	1	0	16.69	16.84	16.55	17.80
10	256QAM	1	25	16.62	16.82	16.64	17.80
10	256QAM	1	49	16.63	16.81	16.42	17.80
10	256QAM	25	0	16.61	16.74	16.61	17.80
10	256QAM	25	12	16.62	16.88	16.58	17.80
10	256QAM	25	25	16.77	16.86	16.56	17.80
10	256QAM	50	0	16.73	16.82	16.57	17.80
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	19.93	20.04	19.88	21.50
5	QPSK	1	12	19.92	19.86	19.88	21.50
5	QPSK	1	24	19.85	19.89	19.90	21.50
5	QPSK	12	0	19.76	19.91	19.75	21.50
5	QPSK	12	7	19.79	19.82	19.74	21.50
5	QPSK	12	13	19.82	19.76	19.84	21.50
5	QPSK	25	0	19.79	19.74	19.72	21.50
5	16QAM	1	0	19.73	19.82	19.75	21.50
5	16QAM	1	12	19.78	19.74	19.76	21.50
5	16QAM	1	24	19.75	19.93	19.73	21.50
5	16QAM	12	0	19.64	19.90	19.60	20.80
5	16QAM	12	7	19.58	19.74	19.50	20.80
5	16QAM	12	13	19.65	19.75	19.53	20.80
5	16QAM	25	0	19.65	19.93	19.56	20.80
5	64QAM	1	0	19.61	19.77	19.44	20.80
5	64QAM	1	12	19.36	19.70	19.41	20.80
5	64QAM	1	24	19.60	19.71	19.45	20.80
5	64QAM	12	0	18.75	18.82	18.51	19.80
5	64QAM	12	7	18.46	18.70	18.37	19.80
5	64QAM	12	13	18.48	18.54	18.30	19.80
5	64QAM	25	0	18.49	18.65	18.44	19.80
5	256QAM	1	0	16.65	16.83	16.57	17.80
5	256QAM	1	12	16.67	16.89	16.57	17.80
5	256QAM	1	24	16.63	16.75	16.46	17.80
5	256QAM	12	0	16.58	16.72	16.53	17.80
5	256QAM	12	7	16.74	16.76	16.65	17.80
5	256QAM	12	13	16.78	16.85	16.52	17.80
5	256QAM	25	0	16.71	16.75	16.64	17.80

**【LTE Band 42 (96)_Ant 6_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		Tune-up limit (dBm)
Frequency (MHz)					3575		
20	QPSK	1	0		21.97		23.00
20	QPSK	1	49		21.90		23.00
20	QPSK	1	99		21.92		23.00
20	QPSK	50	0		21.16		22.00
20	QPSK	50	24		21.07		22.00
20	QPSK	50	50		21.05		22.00
20	QPSK	100	0		20.97		22.00
20	16QAM	1	0		21.15		22.00
20	16QAM	1	49		21.12		22.00
20	16QAM	1	99		21.06		22.00
20	16QAM	50	0		20.09		21.00
20	16QAM	50	24		20.18		21.00
20	16QAM	50	50		20.04		21.00
20	16QAM	100	0		20.13		21.00
20	64QAM	1	0		20.12		21.00
20	64QAM	1	49		20.06		21.00
20	64QAM	1	99		20.15		21.00
20	64QAM	50	0		19.12		20.00
20	64QAM	50	24		19.15		20.00
20	64QAM	50	50		19.15		20.00
20	64QAM	100	0		19.12		20.00
20	256QAM	1	0		17.20		18.00
20	256QAM	1	49		16.99		18.00
20	256QAM	1	99		17.11		18.00
20	256QAM	50	0		16.99		18.00
20	256QAM	50	24		16.99		18.00
20	256QAM	50	50		17.01		18.00
20	256QAM	100	0		17.07		18.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	21.80	21.95	21.85	23.00
15	QPSK	1	37	21.67	21.85	21.71	23.00
15	QPSK	1	74	21.60	21.78	21.74	23.00
15	QPSK	36	0	20.88	21.12	20.86	22.00
15	QPSK	36	20	20.79	20.96	20.91	22.00
15	QPSK	36	39	20.78	20.98	20.85	22.00
15	QPSK	75	0	20.79	20.90	20.69	22.00
15	16QAM	1	0	20.83	21.04	20.99	22.00
15	16QAM	1	37	20.97	21.07	20.97	22.00
15	16QAM	1	74	20.87	20.91	20.94	22.00
15	16QAM	36	0	19.85	20.05	19.89	21.00
15	16QAM	36	20	19.99	20.15	19.94	21.00
15	16QAM	36	39	19.72	19.93	19.87	21.00
15	16QAM	75	0	19.85	20.11	20.01	21.00
15	64QAM	1	0	19.89	20.05	19.99	21.00
15	64QAM	1	37	19.84	19.95	19.93	21.00
15	64QAM	1	74	19.88	20.05	19.88	21.00
15	64QAM	36	0	18.87	19.06	18.87	20.00
15	64QAM	36	20	18.90	19.14	18.85	20.00
15	64QAM	36	39	18.93	19.09	18.96	20.00
15	64QAM	75	0	18.90	19.07	18.99	20.00
15	256QAM	1	0	17.01	17.10	17.12	18.00
15	256QAM	1	37	16.73	16.90	16.71	18.00
15	256QAM	1	74	16.92	16.99	16.96	18.00
15	256QAM	36	0	16.72	16.92	16.72	18.00
15	256QAM	36	20	16.78	16.95	16.70	18.00
15	256QAM	36	39	16.71	16.91	16.89	18.00
15	256QAM	75	0	16.94	17.06	16.93	18.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	21.84	21.98	21.92	23.00
10	QPSK	1	25	21.70	21.86	21.60	23.00
10	QPSK	1	49	21.67	21.78	21.77	23.00
10	QPSK	25	0	20.89	21.13	20.94	22.00
10	QPSK	25	12	20.91	21.05	20.87	22.00
10	QPSK	25	25	20.76	20.93	20.91	22.00
10	QPSK	50	0	20.77	20.89	20.69	22.00
10	16QAM	1	0	20.91	21.01	21.04	22.00
10	16QAM	1	25	21.00	21.07	20.99	22.00
10	16QAM	1	49	20.87	21.05	20.96	22.00



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10	16QAM	25	0	19.84	19.97	19.86	21.00
10	16QAM	25	12	20.06	20.08	19.94	21.00
10	16QAM	25	25	19.73	19.99	19.92	21.00
10	16QAM	50	0	19.78	20.11	20.04	21.00
10	64QAM	1	0	19.99	20.06	19.90	21.00
10	64QAM	1	25	19.87	19.91	19.84	21.00
10	64QAM	1	49	19.92	20.11	19.96	21.00
10	64QAM	25	0	18.79	19.05	18.86	20.00
10	64QAM	25	12	18.95	19.01	18.87	20.00
10	64QAM	25	25	18.88	19.02	18.92	20.00
10	64QAM	50	0	18.96	19.07	19.01	20.00
10	256QAM	1	0	16.91	17.18	17.03	18.00
10	256QAM	1	25	16.70	16.91	16.75	18.00
10	256QAM	1	49	16.95	17.00	17.05	18.00
10	256QAM	25	0	16.74	16.89	16.76	18.00
10	256QAM	25	12	16.83	16.86	16.79	18.00
10	256QAM	25	25	16.71	16.91	16.78	18.00
10	256QAM	50	0	16.96	17.00	16.92	18.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	21.85	21.84	21.92	23.00
5	QPSK	1	12	21.75	21.83	21.64	23.00
5	QPSK	1	24	21.60	21.80	21.67	23.00
5	QPSK	12	0	20.96	21.09	20.94	22.00
5	QPSK	12	7	20.82	21.02	20.85	22.00
5	QPSK	12	13	20.84	20.97	20.86	22.00
5	QPSK	25	0	20.66	20.92	20.82	22.00
5	16QAM	1	0	20.93	21.11	20.99	22.00
5	16QAM	1	12	20.98	21.08	20.96	22.00
5	16QAM	1	24	20.93	21.05	20.88	22.00
5	16QAM	12	0	19.81	20.06	19.85	21.00
5	16QAM	12	7	20.07	20.04	19.97	21.00
5	16QAM	12	13	19.76	19.94	19.95	21.00
5	16QAM	25	0	19.84	20.10	20.00	21.00
5	64QAM	1	0	19.90	20.07	19.89	21.00
5	64QAM	1	12	19.91	19.92	19.87	21.00
5	64QAM	1	24	19.98	20.06	19.94	21.00
5	64QAM	12	0	18.89	19.07	18.88	20.00
5	64QAM	12	7	18.91	19.03	18.92	20.00
5	64QAM	12	13	18.98	19.10	18.98	20.00
5	64QAM	25	0	18.98	19.10	18.95	20.00
5	256QAM	1	0	17.04	17.14	17.07	18.00
5	256QAM	1	12	16.79	16.91	16.75	18.00
5	256QAM	1	24	16.89	17.06	16.94	18.00
5	256QAM	12	0	16.78	16.94	16.82	18.00
5	256QAM	12	7	16.80	16.92	16.80	18.00
5	256QAM	12	13	16.70	16.94	16.77	18.00
5	256QAM	25	0	16.88	17.04	16.97	18.00

【LTE Band 42 (96)_Ant 8_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					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.15		24.00
20	QPSK	1	49		22.98		24.00
20	QPSK	1	99		22.84		24.00
20	QPSK	50	0		22.19		23.00
20	QPSK	50	24		22.09		23.00
20	QPSK	50	50		22.12		23.00
20	QPSK	100	0		22.14		23.00
20	16QAM	1	0		22.08		23.00
20	16QAM	1	49		21.98		23.00
20	16QAM	1	99		22.10		23.00
20	16QAM	50	0		21.14		22.00
20	16QAM	50	24		21.02		22.00
20	16QAM	50	50		21.09		22.00
20	16QAM	100	0		20.95		22.00
20	64QAM	1	0		21.12		22.00
20	64QAM	1	49		21.04		22.00
20	64QAM	1	99		21.06		22.00
20	64QAM	50	0		20.09		21.00
20	64QAM	50	24		20.11		21.00



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20	64QAM	50	50		20.05		21.00
20	64QAM	100	0		20.12		21.00
20	256QAM	1	0		17.97		19.00
20	256QAM	1	49		17.95		19.00
20	256QAM	1	99		18.06		19.00
20	256QAM	50	0		17.95		19.00
20	256QAM	50	24		18.12		19.00
20	256QAM	50	50		18.13		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	23.05	23.07	22.93	24.00
15	QPSK	1	37	22.80	22.91	22.70	24.00
15	QPSK	1	74	22.67	22.80	22.50	24.00
15	QPSK	36	0	22.05	22.07	22.00	23.00
15	QPSK	36	20	21.88	21.97	21.86	23.00
15	QPSK	36	39	21.92	22.09	21.95	23.00
15	QPSK	75	0	22.05	22.06	21.88	23.00
15	16QAM	1	0	21.85	21.93	21.85	23.00
15	16QAM	1	37	21.75	21.90	21.68	23.00
15	16QAM	1	74	21.82	21.97	21.88	23.00
15	16QAM	36	0	21.02	21.09	20.99	22.00
15	16QAM	36	20	20.84	20.89	20.65	22.00
15	16QAM	36	39	20.99	21.01	20.72	22.00
15	16QAM	75	0	20.70	20.85	20.62	22.00
15	64QAM	1	0	20.95	21.03	20.82	22.00
15	64QAM	1	37	20.89	20.93	20.80	22.00
15	64QAM	1	74	20.85	20.96	20.81	22.00
15	64QAM	36	0	19.99	20.02	19.86	21.00
15	64QAM	36	20	20.00	20.05	19.82	21.00
15	64QAM	36	39	19.85	19.96	19.86	21.00
15	64QAM	75	0	19.95	20.02	19.82	21.00
15	256QAM	1	0	17.73	17.94	17.79	19.00
15	256QAM	1	37	17.68	17.85	17.71	19.00
15	256QAM	1	74	17.89	17.99	17.87	19.00
15	256QAM	36	0	17.85	17.81	17.82	19.00
15	256QAM	36	20	17.97	18.03	17.98	19.00
15	256QAM	36	39	17.92	18.11	17.92	19.00
15	256QAM	75	0	17.73	17.81	17.73	19.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	23.00	23.04	22.92	24.00
10	QPSK	1	25	22.75	22.94	22.78	24.00
10	QPSK	1	49	22.72	22.73	22.51	24.00
10	QPSK	25	0	22.08	22.11	22.05	23.00
10	QPSK	25	12	21.93	22.03	21.75	23.00
10	QPSK	25	25	21.97	22.07	21.89	23.00
10	QPSK	50	0	21.98	22.01	21.94	23.00
10	16QAM	1	0	21.81	22.05	21.85	23.00
10	16QAM	1	25	21.75	21.88	21.77	23.00
10	16QAM	1	49	21.92	21.96	21.87	23.00
10	16QAM	25	0	20.94	21.09	20.91	22.00
10	16QAM	25	12	20.92	20.94	20.75	22.00
10	16QAM	25	25	20.91	21.03	20.70	22.00
10	16QAM	50	0	20.74	20.80	20.67	22.00
10	64QAM	1	0	20.97	21.03	20.78	22.00
10	64QAM	1	25	20.90	20.92	20.76	22.00
10	64QAM	1	49	20.77	20.98	20.88	22.00
10	64QAM	25	0	19.97	20.05	19.86	21.00
10	64QAM	25	12	20.00	20.08	19.86	21.00
10	64QAM	25	25	19.89	19.91	19.76	21.00
10	64QAM	50	0	19.88	20.09	19.77	21.00
10	256QAM	1	0	17.72	17.91	17.83	19.00
10	256QAM	1	25	17.74	17.88	17.68	19.00
10	256QAM	1	49	17.93	17.96	17.94	19.00
10	256QAM	25	0	17.83	17.89	17.73	19.00
10	256QAM	25	12	17.86	17.99	17.96	19.00
10	256QAM	25	25	17.96	18.06	17.96	19.00
10	256QAM	50	0	17.75	17.86	17.68	19.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	23.05	23.13	22.91	24.00
5	QPSK	1	12	22.81	22.90	22.75	24.00
5	QPSK	1	24	22.61	22.78	22.58	24.00
5	QPSK	12	0	22.09	22.11	22.00	23.00
5	QPSK	12	7	21.83	21.96	21.87	23.00
5	QPSK	12	13	21.97	22.03	21.89	23.00
5	QPSK	25	0	22.06	22.11	21.92	23.00



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5	16QAM	1	0	21.84	21.94	21.94	23.00
5	16QAM	1	12	21.76	21.97	21.70	23.00
5	16QAM	1	24	21.79	21.99	21.75	23.00
5	16QAM	12	0	20.95	21.05	21.02	22.00
5	16QAM	12	7	20.88	20.88	20.74	22.00
5	16QAM	12	13	20.89	20.98	20.79	22.00
5	16QAM	25	0	20.79	20.84	20.66	22.00
5	64QAM	1	0	20.90	21.05	20.77	22.00
5	64QAM	1	12	20.91	21.03	20.75	22.00
5	64QAM	1	24	20.85	20.93	20.80	22.00
5	64QAM	12	0	19.99	19.99	19.91	21.00
5	64QAM	12	7	20.00	19.98	19.91	21.00
5	64QAM	12	13	19.86	20.00	19.80	21.00
5	64QAM	25	0	19.99	20.08	19.80	21.00
5	256QAM	1	0	17.80	17.90	17.83	19.00
5	256QAM	1	12	17.81	17.81	17.71	19.00
5	256QAM	1	24	17.90	17.92	17.91	19.00
5	256QAM	12	0	17.80	17.83	17.77	19.00
5	256QAM	12	7	17.93	18.01	17.93	19.00
5	256QAM	12	13	17.95	18.07	17.92	19.00
5	256QAM	25	0	17.74	17.82	17.67	19.00

【LTE Band 42 (96)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		22.15		23.00
20	QPSK	1	49		21.70		23.00
20	QPSK	1	99		21.15		23.00
20	QPSK	50	0		21.19		22.00
20	QPSK	50	24		20.66		22.00
20	QPSK	50	50		21.03		22.00
20	QPSK	100	0		21.14		22.00
20	16QAM	1	0		21.03		22.00
20	16QAM	1	49		20.46		22.00
20	16QAM	1	99		20.70		22.00
20	16QAM	50	0		20.58		21.00
20	16QAM	50	24		20.07		21.00
20	16QAM	50	50		19.51		21.00
20	16QAM	100	0		19.50		21.00
20	64QAM	1	0		19.85		21.00
20	64QAM	1	49		20.32		21.00
20	64QAM	1	99		19.51		21.00
20	64QAM	50	0		18.87		20.00
20	64QAM	50	24		19.42		20.00
20	64QAM	50	50		18.93		20.00
20	64QAM	100	0		18.93		20.00
20	256QAM	1	0		16.44		18.00
20	256QAM	1	49		17.03		18.00
20	256QAM	1	99		16.55		18.00
20	256QAM	50	0		16.82		18.00
20	256QAM	50	24		16.43		18.00
20	256QAM	50	50		16.70		18.00
20	256QAM	100	0		16.71		18.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	21.97	22.08	21.98	23.00
15	QPSK	1	37	22.02	21.64	21.94	23.00
15	QPSK	1	74	21.94	21.14	21.75	23.00
15	QPSK	36	0	21.03	21.13	21.01	22.00
15	QPSK	36	20	20.46	20.54	20.92	22.00
15	QPSK	36	39	21.37	21.21	20.49	22.00
15	QPSK	75	0	21.02	21.11	20.89	22.00
15	16QAM	1	0	20.61	20.98	20.92	22.00
15	16QAM	1	37	20.83	20.40	20.89	22.00
15	16QAM	1	74	20.19	20.58	20.35	22.00
15	16QAM	36	0	20.14	20.48	19.66	21.00
15	16QAM	36	20	19.29	20.05	19.44	21.00
15	16QAM	36	39	19.62	19.39	19.49	21.00
15	16QAM	75	0	19.95	19.36	19.61	21.00
15	64QAM	1	0	19.73	19.75	19.60	21.00
15	64QAM	1	37	19.82	20.18	20.10	21.00



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15	64QAM	1	74	19.96	19.39	19.95	21.00
15	64QAM	36	0	18.93	18.80	18.98	20.00
15	64QAM	36	20	19.34	19.30	19.11	20.00
15	64QAM	36	39	18.28	18.89	18.63	20.00
15	64QAM	75	0	18.84	18.79	18.08	20.00
15	256QAM	1	0	16.89	16.34	16.73	18.00
15	256QAM	1	37	16.97	16.93	16.21	18.00
15	256QAM	1	74	16.72	16.49	16.61	18.00
15	256QAM	36	0	16.36	16.71	16.70	18.00
15	256QAM	36	20	16.68	16.36	16.37	18.00
15	256QAM	36	39	16.67	16.56	16.89	18.00
15	256QAM	75	0	16.65	16.60	17.04	18.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.07	22.02	21.98	23.00
10	QPSK	1	25	22.08	21.57	21.92	23.00
10	QPSK	1	49	21.93	21.08	21.76	23.00
10	QPSK	25	0	21.12	21.09	21.00	22.00
10	QPSK	25	12	20.48	20.62	20.86	22.00
10	QPSK	25	25	21.29	21.17	20.52	22.00
10	QPSK	50	0	20.92	21.02	20.86	22.00
10	16QAM	1	0	20.62	20.88	20.82	22.00
10	16QAM	1	25	20.77	20.38	20.78	22.00
10	16QAM	1	49	20.26	20.57	20.46	22.00
10	16QAM	25	0	20.14	20.54	19.76	21.00
10	16QAM	25	12	19.24	19.98	19.44	21.00
10	16QAM	25	25	19.63	19.41	19.50	21.00
10	16QAM	50	0	19.96	19.49	19.67	21.00
10	64QAM	1	0	19.83	19.84	19.55	21.00
10	64QAM	1	25	19.88	20.24	20.05	21.00
10	64QAM	1	49	19.93	19.44	19.99	21.00
10	64QAM	25	0	19.03	18.72	18.88	20.00
10	64QAM	25	12	19.32	19.40	19.01	20.00
10	64QAM	25	25	18.28	18.85	18.60	20.00
10	64QAM	50	0	18.86	18.81	18.10	20.00
10	256QAM	1	0	16.86	16.29	16.64	18.00
10	256QAM	1	25	16.94	16.98	16.18	18.00
10	256QAM	1	49	16.74	16.52	16.62	18.00
10	256QAM	25	0	16.35	16.70	16.80	18.00
10	256QAM	25	12	16.58	16.37	16.45	18.00
10	256QAM	25	25	16.63	16.68	16.97	18.00
10	256QAM	50	0	16.58	16.69	17.01	18.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.00	22.01	21.90	23.00
5	QPSK	1	12	22.06	21.67	21.88	23.00
5	QPSK	1	24	21.97	21.09	21.67	23.00
5	QPSK	12	0	21.05	21.08	21.01	22.00
5	QPSK	12	7	20.40	20.54	20.81	22.00
5	QPSK	12	13	21.31	21.08	20.51	22.00
5	QPSK	25	0	20.92	20.99	20.82	22.00
5	16QAM	1	0	20.50	20.95	20.92	22.00
5	16QAM	1	12	20.76	20.41	20.76	22.00
5	16QAM	1	24	20.28	20.68	20.45	22.00
5	16QAM	12	0	20.11	20.43	19.66	21.00
5	16QAM	12	7	19.25	20.05	19.43	21.00
5	16QAM	12	13	19.62	19.44	19.59	21.00
5	16QAM	25	0	19.91	19.40	19.62	21.00
5	64QAM	1	0	19.82	19.83	19.64	21.00
5	64QAM	1	12	19.80	20.29	20.13	21.00
5	64QAM	1	24	19.94	19.36	20.08	21.00
5	64QAM	12	0	18.94	18.86	18.90	20.00
5	64QAM	12	7	19.37	19.36	19.09	20.00
5	64QAM	12	13	18.28	18.82	18.60	20.00
5	64QAM	25	0	18.76	18.84	18.11	20.00
5	256QAM	1	0	16.80	16.39	16.75	18.00
5	256QAM	1	12	17.01	16.92	16.09	18.00
5	256QAM	1	24	16.76	16.43	16.67	18.00
5	256QAM	12	0	16.37	16.80	16.74	18.00
5	256QAM	12	7	16.57	16.31	16.46	18.00
5	256QAM	12	13	16.74	16.67	17.02	18.00
5	256QAM	25	0	16.55	16.69	17.06	18.00

**【LTE Band 42 (96)_Ant 8_DSI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		20.90
Frequency (MHz)					3575		
20	QPSK	1	0		19.17		20.90
20	QPSK	1	49		19.01		20.90
20	QPSK	1	99		18.91		20.90
20	QPSK	50	0		19.08		20.90
20	QPSK	50	24		19.08		20.90
20	QPSK	50	50		19.01		20.90
20	QPSK	100	0		18.91		20.90
20	16QAM	1	0		18.96		20.90
20	16QAM	1	49		18.97		20.90
20	16QAM	1	99		19.07		20.90
20	16QAM	50	0		19.03		20.90
20	16QAM	50	24		18.92		20.90
20	16QAM	50	50		18.99		20.90
20	16QAM	100	0		19.02		20.90
20	64QAM	1	0		19.06		20.90
20	64QAM	1	49		19.05		20.90
20	64QAM	1	99		19.08		20.90
20	64QAM	50	0		18.91		20.90
20	64QAM	50	24		19.03		20.90
20	64QAM	50	50		18.96		20.90
20	64QAM	100	0		18.99		20.90
20	256QAM	1	0		18.04		19.00
20	256QAM	1	49		17.92		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.89		19.00
20	256QAM	50	24		17.95		19.00
20	256QAM	50	50		18.00		19.00
20	256QAM	100	0		18.05		19.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	19.09	19.04	19.04	20.90
15	QPSK	1	37	18.90	18.92	18.90	20.90
15	QPSK	1	74	18.90	18.92	18.91	20.90
15	QPSK	36	0	18.91	19.00	18.90	20.90
15	QPSK	36	20	18.96	19.03	18.95	20.90
15	QPSK	36	39	18.91	18.97	18.90	20.90
15	QPSK	75	0	18.91	18.90	18.90	20.90
15	16QAM	1	0	18.91	18.93	18.92	20.90
15	16QAM	1	37	18.90	18.90	18.90	20.90
15	16QAM	1	74	18.90	18.97	18.91	20.90
15	16QAM	36	0	18.90	19.00	18.90	20.90
15	16QAM	36	20	18.90	18.92	18.90	20.90
15	16QAM	36	39	18.92	18.90	18.90	20.90
15	16QAM	75	0	18.91	18.95	18.92	20.90
15	64QAM	1	0	18.90	18.94	18.91	20.90
15	64QAM	1	37	18.90	18.91	18.90	20.90
15	64QAM	1	74	18.95	18.95	18.90	20.90
15	64QAM	36	0	18.91	18.91	18.90	20.90
15	64QAM	36	20	18.90	18.94	18.91	20.90
15	64QAM	36	39	18.92	18.90	18.90	20.90
15	64QAM	75	0	18.92	18.94	18.90	20.90
15	256QAM	1	0	17.79	18.00	17.86	19.00
15	256QAM	1	37	17.68	17.87	17.64	19.00
15	256QAM	1	74	17.80	17.79	17.68	19.00
15	256QAM	36	0	17.68	17.78	17.67	19.00
15	256QAM	36	20	17.77	17.83	17.72	19.00
15	256QAM	36	39	17.69	17.95	17.72	19.00
15	256QAM	75	0	17.97	17.98	17.86	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	19.10	19.07	19.10	20.90
10	QPSK	1	25	18.90	18.90	18.90	20.90
10	QPSK	1	49	18.90	18.91	18.90	20.90
10	QPSK	25	0	18.94	18.97	18.91	20.90
10	QPSK	25	12	18.95	18.97	18.90	20.90
10	QPSK	25	25	18.91	18.90	18.91	20.90
10	QPSK	50	0	18.90	18.90	18.90	20.90
10	16QAM	1	0	18.90	18.91	18.91	20.90
10	16QAM	1	25	18.91	18.93	18.90	20.90
10	16QAM	1	49	18.94	19.00	18.93	20.90



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10	16QAM	25	0	18.90	19.01	18.91	20.90
10	16QAM	25	12	18.91	18.91	18.90	20.90
10	16QAM	25	25	18.91	18.91	18.92	20.90
10	16QAM	50	0	18.92	18.94	18.94	20.90
10	64QAM	1	0	18.91	19.02	18.91	20.90
10	64QAM	1	25	18.90	18.95	18.93	20.90
10	64QAM	1	49	18.90	19.07	18.92	20.90
10	64QAM	25	0	18.91	18.90	18.91	20.90
10	64QAM	25	12	18.90	19.01	18.91	20.90
10	64QAM	25	25	18.91	18.91	18.92	20.90
10	64QAM	50	0	18.91	18.94	18.90	20.90
10	256QAM	1	0	17.76	18.02	17.86	19.00
10	256QAM	1	25	17.68	17.78	17.65	19.00
10	256QAM	1	49	17.72	17.89	17.70	19.00
10	256QAM	25	0	17.72	17.85	17.67	19.00
10	256QAM	25	12	17.78	17.87	17.75	19.00
10	256QAM	25	25	17.70	17.93	17.68	19.00
10	256QAM	50	0	17.95	17.97	17.77	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	19.10	19.08	19.12	20.90
5	QPSK	1	12	18.90	18.94	18.92	20.90
5	QPSK	1	24	18.90	18.90	18.91	20.90
5	QPSK	12	0	18.92	18.94	18.90	20.90
5	QPSK	12	7	18.93	19.03	18.90	20.90
5	QPSK	12	13	18.91	18.90	18.90	20.90
5	QPSK	25	0	18.91	18.90	18.90	20.90
5	16QAM	1	0	18.90	18.95	18.91	20.90
5	16QAM	1	12	18.90	18.93	18.92	20.90
5	16QAM	1	24	18.91	18.94	18.90	20.90
5	16QAM	12	0	18.90	19.00	18.90	20.90
5	16QAM	12	7	18.91	18.90	18.90	20.90
5	16QAM	12	13	18.92	18.96	18.90	20.90
5	16QAM	25	0	18.91	18.99	18.90	20.90
5	64QAM	1	0	18.95	19.04	18.90	20.90
5	64QAM	1	12	18.91	19.04	18.91	20.90
5	64QAM	1	24	18.92	19.06	18.91	20.90
5	64QAM	12	0	18.90	18.91	18.90	20.90
5	64QAM	12	7	18.90	18.93	18.90	20.90
5	64QAM	12	13	18.92	18.91	18.90	20.90
5	64QAM	25	0	18.91	18.95	18.91	20.90
5	256QAM	1	0	17.84	17.91	17.87	19.00
5	256QAM	1	12	17.70	17.80	17.64	19.00
5	256QAM	1	24	17.68	17.87	17.61	19.00
5	256QAM	12	0	17.65	17.78	17.70	19.00
5	256QAM	12	7	17.82	17.87	17.71	19.00
5	256QAM	12	13	17.75	17.88	17.69	19.00
5	256QAM	25	0	17.91	17.98	17.87	19.00

【LTE Band 42 (96)_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit(dBm)	
Channel					43340		43340	
Frequency (MHz)					3575		3575	
20	QPSK	1	0		21.68		22.70	
20	QPSK	1	49		21.57		22.70	
20	QPSK	1	99		21.44		22.70	
20	QPSK	50	0		21.55		22.70	
20	QPSK	50	24		21.52		22.70	
20	QPSK	50	50		21.41		22.70	
20	QPSK	100	0		21.56		22.70	
20	16QAM	1	0		21.50		22.70	
20	16QAM	1	49		21.52		22.70	
20	16QAM	1	99		21.39		22.70	
20	16QAM	50	0		21.04		22.00	
20	16QAM	50	24		21.04		22.10	
20	16QAM	50	50		21.09		22.10	
20	16QAM	100	0		21.03		22.00	
20	64QAM	1	0		20.89		22.00	
20	64QAM	1	49		21.03		22.00	
20	64QAM	1	99		21.09		22.00	
20	64QAM	50	0		20.05		21.00	



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20	64QAM	50	24		19.97			21.00	
20	64QAM	50	50		19.97			21.00	
20	64QAM	100	0		20.08			21.00	
20	256QAM	1	0		17.95			19.00	
20	256QAM	1	49		18.04			19.00	
20	256QAM	1	99		17.89			19.00	
20	256QAM	50	0		18.04			19.00	
20	256QAM	50	24		17.98			19.00	
20	256QAM	50	50		17.90			19.00	
20	256QAM	100	0		17.93			19.00	
Channel				43165	43340	43515	43165	43340	43515
Frequency (MHz)				3557.5	3575	3592.5	3557.5	3575	3592.5
15	QPSK	1	0	21.54	21.62	21.62	22.70	22.70	22.70
15	QPSK	1	37	21.47	21.53	21.27	22.70	22.70	22.70
15	QPSK	1	74	21.26	21.32	21.21	22.70	22.70	22.70
15	QPSK	36	0	21.31	21.41	21.31	22.70	22.70	22.70
15	QPSK	36	20	21.31	21.47	21.26	22.70	22.70	22.70
15	QPSK	36	39	21.21	21.38	21.14	22.70	22.70	22.70
15	QPSK	75	0	21.44	21.45	21.49	22.70	22.70	22.70
15	16QAM	1	0	21.27	21.41	21.25	22.70	22.70	22.70
15	16QAM	1	37	21.29	21.43	21.31	22.70	22.70	22.70
15	16QAM	1	74	21.15	21.28	21.24	22.70	22.70	22.70
15	16QAM	36	0	20.82	20.93	20.83	22.10	22.10	22.10
15	16QAM	36	20	20.80	20.93	20.80	22.10	22.10	22.10
15	16QAM	36	39	20.92	20.95	20.85	22.10	22.10	22.10
15	16QAM	75	0	20.85	20.91	20.90	22.00	22.00	22.00
15	64QAM	1	0	20.71	20.84	20.62	22.00	22.00	22.00
15	64QAM	1	37	20.90	21.01	20.78	22.00	22.00	22.00
15	64QAM	1	74	20.94	21.01	20.89	22.00	22.00	22.00
15	64QAM	36	0	19.84	19.91	19.79	21.00	21.00	21.00
15	64QAM	36	20	19.81	19.91	19.69	21.00	21.00	21.00
15	64QAM	36	39	19.75	19.89	19.66	21.00	21.00	21.00
15	64QAM	75	0	19.87	20.06	19.92	21.00	21.00	21.00
15	256QAM	1	0	17.75	17.89	17.72	19.00	19.00	19.00
15	256QAM	1	37	17.87	18.02	17.90	19.00	19.00	19.00
15	256QAM	1	74	17.74	17.82	17.73	19.00	19.00	19.00
15	256QAM	36	0	17.89	17.92	17.80	19.00	19.00	19.00
15	256QAM	36	20	17.78	17.96	17.76	19.00	19.00	19.00
15	256QAM	36	39	17.67	17.88	17.78	19.00	19.00	19.00
15	256QAM	75	0	17.77	17.89	17.70	19.00	19.00	19.00
Channel				43140	43340	43540	43140	43340	43540
Frequency (MHz)				3555	3575	3595	3555	3575	3595
10	QPSK	1	0	21.62	21.64	21.60	22.70	22.70	22.70
10	QPSK	1	25	21.45	21.46	21.30	22.70	22.70	22.70
10	QPSK	1	49	21.26	21.32	21.16	22.70	22.70	22.70
10	QPSK	25	0	21.33	21.42	21.33	22.70	22.70	22.70
10	QPSK	25	12	21.33	21.37	21.23	22.70	22.70	22.70
10	QPSK	25	25	21.19	21.37	21.09	22.70	22.70	22.70
10	QPSK	50	0	21.46	21.46	21.40	22.70	22.70	22.70
10	16QAM	1	0	21.27	21.44	21.26	22.70	22.70	22.70
10	16QAM	1	25	21.28	21.41	21.36	22.70	22.70	22.70
10	16QAM	1	49	21.23	21.38	21.23	22.70	22.70	22.70
10	16QAM	25	0	20.90	20.96	20.84	22.10	22.00	22.10
10	16QAM	25	12	20.78	20.91	20.84	22.10	22.10	22.10
10	16QAM	25	25	20.84	21.00	20.78	22.10	22.10	22.10
10	16QAM	50	0	20.78	20.95	20.85	22.00	22.00	22.00
10	64QAM	1	0	20.82	20.80	20.64	22.00	22.00	22.00
10	64QAM	1	25	20.90	20.95	20.90	22.00	22.00	22.00
10	64QAM	1	49	20.93	21.03	20.89	22.00	22.00	22.00
10	64QAM	25	0	19.79	19.97	19.88	21.00	21.00	21.00
10	64QAM	25	12	19.79	19.93	19.74	21.00	21.00	21.00
10	64QAM	25	25	19.87	19.91	19.66	21.00	21.00	21.00
10	64QAM	50	0	19.93	20.05	19.98	21.00	21.00	21.00
10	256QAM	1	0	17.79	17.82	17.65	19.00	19.00	19.00
10	256QAM	1	25	17.84	18.02	17.94	19.00	19.00	19.00
10	256QAM	1	49	17.64	17.88	17.70	19.00	19.00	19.00
10	256QAM	25	0	17.97	17.99	17.75	19.00	19.00	19.00
10	256QAM	25	12	17.82	17.90	17.74	19.00	19.00	19.00
10	256QAM	25	25	17.75	17.84	17.68	19.00	19.00	19.00
10	256QAM	50	0	17.70	17.83	17.62	19.00	19.00	19.00
Channel				43115	43340	43565	43115	43340	43565
Frequency (MHz)				3552.5	3575	3597.5	3552.5	3575	3597.5
5	QPSK	1	0	21.57	21.66	21.61	22.70	22.70	22.70
5	QPSK	1	12	21.38	21.52	21.31	22.70	22.70	22.70
5	QPSK	1	24	21.24	21.39	21.19	22.70	22.70	22.70
5	QPSK	12	0	21.29	21.44	21.36	22.70	22.70	22.70
5	QPSK	12	7	21.25	21.42	21.33	22.70	22.70	22.70
5	QPSK	12	13	21.24	21.31	21.12	22.70	22.70	22.70



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5	QPSK	25	0	21.42	21.50	21.43	22.70	22.70	22.70
5	16QAM	1	0	21.24	21.39	21.21	22.70	22.70	22.70
5	16QAM	1	12	21.29	21.43	21.39	22.70	22.70	22.70
5	16QAM	1	24	21.18	21.33	21.25	22.70	22.70	22.70
5	16QAM	12	0	20.79	20.97	20.80	22.10	22.10	22.10
5	16QAM	12	7	20.82	20.95	20.89	22.10	22.10	22.10
5	16QAM	12	13	20.87	20.96	20.83	22.10	22.10	22.10
5	16QAM	25	0	20.77	21.00	20.95	22.00	22.00	22.00
5	64QAM	1	0	20.81	20.79	20.71	22.00	22.00	22.00
5	64QAM	1	12	20.94	20.96	20.87	22.00	22.00	22.00
5	64QAM	1	24	20.88	21.04	20.95	22.00	22.00	22.00
5	64QAM	12	0	19.75	19.94	19.86	21.00	21.00	21.00
5	64QAM	12	7	19.81	19.96	19.77	21.00	21.00	21.00
5	64QAM	12	13	19.82	19.87	19.71	21.00	21.00	21.00
5	64QAM	25	0	19.89	19.94	19.96	21.00	21.00	21.00
5	256QAM	1	0	17.80	17.84	17.67	19.00	19.00	19.00
5	256QAM	1	12	17.88	17.96	17.88	19.00	19.00	19.00
5	256QAM	1	24	17.64	17.85	17.73	19.00	19.00	19.00
5	256QAM	12	0	18.00	17.97	17.75	19.00	19.00	19.00
5	256QAM	12	7	17.75	17.87	17.80	19.00	19.00	19.00
5	256QAM	12	13	17.71	17.84	17.73	19.00	19.00	19.00
5	256QAM	25	0	17.73	17.78	17.63	19.00	19.00	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		12.18		13.20
20	QPSK	1	49		12.08		13.20
20	QPSK	1	99		12.10		13.20
20	QPSK	50	0		12.17		13.20
20	QPSK	50	24		12.10		13.20
20	QPSK	50	50		12.10		13.20
20	QPSK	100	0		12.15		13.20
20	16QAM	1	0		12.08		13.20
20	16QAM	1	49		12.16		13.20
20	16QAM	1	99		12.12		13.20
20	16QAM	50	0		12.10		13.20
20	16QAM	50	24		12.08		13.20
20	16QAM	50	50		12.10		13.20
20	16QAM	100	0		12.17		13.20
20	64QAM	1	0		12.11		13.20
20	64QAM	1	49		12.06		13.20
20	64QAM	1	99		12.16		13.20
20	64QAM	50	0		12.13		13.20
20	64QAM	50	24		12.17		13.20
20	64QAM	50	50		12.10		13.20
20	64QAM	100	0		12.10		13.20
20	256QAM	1	0		12.16		13.20
20	256QAM	1	49		12.06		13.20
20	256QAM	1	99		12.17		13.20
20	256QAM	50	0		12.08		13.20
20	256QAM	50	24		12.16		13.20
20	256QAM	50	50		12.11		13.20
20	256QAM	100	0		12.17		13.20
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	12.01	12.16	12.06	13.20
15	QPSK	1	37	11.96	12.04	11.86	13.20
15	QPSK	1	74	11.94	12.02	12.00	13.20
15	QPSK	36	0	12.08	12.13	12.01	13.20
15	QPSK	36	20	12.07	12.02	11.94	13.20
15	QPSK	36	39	12.05	11.97	12.02	13.20
15	QPSK	75	0	11.98	12.09	11.90	13.20
15	16QAM	1	0	11.99	12.04	11.92	13.20
15	16QAM	1	37	12.01	12.04	11.98	13.20
15	16QAM	1	74	12.04	12.06	11.85	13.20
15	16QAM	36	0	11.97	12.08	11.92	13.20
15	16QAM	36	20	11.98	12.06	11.87	13.20
15	16QAM	36	39	11.99	11.98	11.97	13.20
15	16QAM	75	0	12.02	12.06	11.99	13.20
15	64QAM	1	0	11.92	11.97	11.87	13.20



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15	64QAM	1	37	12.10	11.95	11.83	13.20
15	64QAM	1	74	11.98	12.13	11.93	13.20
15	64QAM	36	0	12.07	12.08	11.91	13.20
15	64QAM	36	20	12.04	12.13	11.89	13.20
15	64QAM	36	39	12.06	12.00	11.96	13.20
15	64QAM	75	0	12.04	12.00	11.94	13.20
15	256QAM	1	0	12.05	12.05	11.95	13.20
15	256QAM	1	37	11.99	11.93	11.97	13.20
15	256QAM	1	74	12.07	12.04	11.97	13.20
15	256QAM	36	0	11.96	11.97	11.97	13.20
15	256QAM	36	20	11.97	12.06	11.92	13.20
15	256QAM	36	39	11.95	11.96	11.91	13.20
15	256QAM	75	0	12.06	12.15	11.95	13.20
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	12.08	12.14	12.10	13.20
10	QPSK	1	25	12.04	12.00	11.93	13.20
10	QPSK	1	49	11.91	12.03	11.90	13.20
10	QPSK	25	0	12.10	12.08	11.99	13.20
10	QPSK	25	12	12.04	12.01	11.94	13.20
10	QPSK	25	25	11.98	12.00	11.97	13.20
10	QPSK	50	0	12.07	12.11	11.97	13.20
10	16QAM	1	0	12.05	12.06	11.87	13.20
10	16QAM	1	25	12.10	12.03	11.93	13.20
10	16QAM	1	49	12.08	12.07	11.91	13.20
10	16QAM	25	0	11.92	12.04	11.86	13.20
10	16QAM	25	12	11.96	11.94	11.92	13.20
10	16QAM	25	25	11.96	12.02	11.86	13.20
10	16QAM	50	0	12.10	12.08	12.05	13.20
10	64QAM	1	0	12.04	12.05	11.91	13.20
10	64QAM	1	25	12.09	11.94	11.90	13.20
10	64QAM	1	49	11.97	12.09	11.96	13.20
10	64QAM	25	0	12.08	12.03	11.89	13.20
10	64QAM	25	12	12.04	12.03	11.97	13.20
10	64QAM	25	25	11.95	12.07	11.97	13.20
10	64QAM	50	0	12.01	12.05	11.88	13.20
10	256QAM	1	0	12.03	12.09	11.94	13.20
10	256QAM	1	25	12.04	12.00	12.00	13.20
10	256QAM	1	49	11.98	12.02	11.89	13.20
10	256QAM	25	0	11.98	11.94	12.01	13.20
10	256QAM	25	12	12.02	12.14	11.93	13.20
10	256QAM	25	25	12.02	12.05	11.92	13.20
10	256QAM	50	0	12.10	12.05	11.90	13.20
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	12.10	12.15	12.02	13.20
5	QPSK	1	12	11.98	12.07	11.99	13.20
5	QPSK	1	24	12.00	12.02	11.97	13.20
5	QPSK	12	0	12.10	12.16	12.06	13.20
5	QPSK	12	7	11.97	12.09	11.88	13.20
5	QPSK	12	13	11.97	12.03	12.01	13.20
5	QPSK	25	0	12.06	12.09	11.97	13.20
5	16QAM	1	0	11.99	12.05	11.89	13.20
5	16QAM	1	12	12.08	12.08	11.88	13.20
5	16QAM	1	24	12.09	12.01	11.95	13.20
5	16QAM	12	0	11.93	12.02	11.84	13.20
5	16QAM	12	7	11.97	11.98	11.91	13.20
5	16QAM	12	13	11.93	12.09	11.87	13.20
5	16QAM	25	0	12.01	12.05	12.01	13.20
5	64QAM	1	0	11.94	11.97	11.84	13.20
5	64QAM	1	12	12.02	11.95	11.86	13.20
5	64QAM	1	24	11.93	12.11	12.03	13.20
5	64QAM	12	0	12.11	12.07	11.84	13.20
5	64QAM	12	7	12.08	12.10	11.95	13.20
5	64QAM	12	13	12.02	12.00	11.98	13.20
5	64QAM	25	0	12.06	11.97	12.00	13.20
5	256QAM	1	0	12.03	12.13	11.90	13.20
5	256QAM	1	12	12.05	11.98	11.97	13.20
5	256QAM	1	24	12.06	12.03	11.98	13.20
5	256QAM	12	0	12.02	11.93	11.95	13.20
5	256QAM	12	7	11.90	12.06	11.97	13.20
5	256QAM	12	13	12.00	11.98	11.94	13.20
5	256QAM	25	0	12.07	12.16	11.90	13.20

**[LTE Band 42 (96)_Ant 8_DSI 7]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		19.17		20.70
20	QPSK	1	49		19.01		20.70
20	QPSK	1	99		18.91		20.70
20	QPSK	50	0		19.08		20.70
20	QPSK	50	24		19.08		20.70
20	QPSK	50	50		19.01		20.70
20	QPSK	100	0		18.91		20.70
20	16QAM	1	0		18.96		20.70
20	16QAM	1	49		18.97		20.70
20	16QAM	1	99		19.07		20.70
20	16QAM	50	0		19.03		20.70
20	16QAM	50	24		18.92		20.70
20	16QAM	50	50		18.87		20.70
20	16QAM	100	0		19.02		20.70
20	64QAM	1	0		19.06		20.70
20	64QAM	1	49		19.05		20.70
20	64QAM	1	99		19.08		20.70
20	64QAM	50	0		18.91		20.00
20	64QAM	50	24		19.03		20.00
20	64QAM	50	50		18.96		20.00
20	64QAM	100	0		18.99		20.00
20	256QAM	1	0		17.86		18.00
20	256QAM	1	49		17.92		18.00
20	256QAM	1	99		17.94		18.00
20	256QAM	50	0		17.89		18.00
20	256QAM	50	24		17.95		18.00
20	256QAM	50	50		18.00		18.00
20	256QAM	100	0		17.75		18.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	19.08	19.11	19.08	20.70
15	QPSK	1	37	18.80	18.90	18.78	20.70
15	QPSK	1	74	18.70	18.77	18.71	20.70
15	QPSK	36	0	18.90	18.99	18.87	20.70
15	QPSK	36	20	18.87	19.05	18.86	20.70
15	QPSK	36	39	18.81	18.87	18.83	20.70
15	QPSK	75	0	18.86	18.78	18.79	20.70
15	16QAM	1	0	18.75	18.88	18.73	20.70
15	16QAM	1	37	18.79	18.91	18.74	20.70
15	16QAM	1	74	18.79	19.05	18.87	20.70
15	16QAM	36	0	18.80	18.89	18.82	20.70
15	16QAM	36	20	18.70	18.82	18.71	20.70
15	16QAM	36	39	18.78	18.74	18.70	20.70
15	16QAM	75	0	18.71	18.92	18.94	20.70
15	64QAM	1	0	18.83	18.91	18.92	20.70
15	64QAM	1	37	18.83	18.96	18.84	20.70
15	64QAM	1	74	18.84	19.03	18.90	20.70
15	64QAM	36	0	18.59	18.77	18.81	20.00
15	64QAM	36	20	18.86	19.00	18.89	20.00
15	64QAM	36	39	18.82	18.88	18.89	20.00
15	64QAM	75	0	18.91	18.91	18.84	20.00
15	256QAM	1	0	17.82	17.75	17.82	18.00
15	256QAM	1	37	17.63	17.83	17.72	18.00
15	256QAM	1	74	17.74	17.89	17.69	18.00
15	256QAM	36	0	17.67	17.78	17.58	18.00
15	256QAM	36	20	17.81	17.84	17.75	18.00
15	256QAM	36	39	17.76	17.90	17.77	18.00
15	256QAM	75	0	17.82	17.72	17.81	18.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	19.06	19.05	19.12	20.70
10	QPSK	1	25	18.78	18.96	18.76	20.70
10	QPSK	1	49	18.76	18.78	18.70	20.70
10	QPSK	25	0	18.87	18.99	18.90	20.70
10	QPSK	25	12	18.90	18.97	18.88	20.70
10	QPSK	25	25	18.90	18.93	18.85	20.70
10	QPSK	50	0	18.75	18.76	18.76	20.70
10	16QAM	1	0	18.71	18.83	18.79	20.70
10	16QAM	1	25	18.70	18.86	18.75	20.70
10	16QAM	1	49	18.86	18.95	18.91	20.70
10	16QAM	25	0	18.90	18.96	18.76	20.70
10	16QAM	25	12	18.75	18.91	18.70	20.70



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10	16QAM	25	25	18.70	18.75	18.74	20.70
10	16QAM	50	0	18.76	18.97	18.81	20.70
10	64QAM	1	0	18.93	19.02	18.88	20.70
10	64QAM	1	25	18.81	19.02	18.91	20.70
10	64QAM	1	49	18.92	19.04	18.92	20.70
10	64QAM	25	0	18.65	18.80	18.69	20.00
10	64QAM	25	12	18.82	18.90	18.81	20.00
10	64QAM	25	25	18.74	18.83	18.88	20.00
10	64QAM	50	0	18.79	18.88	18.74	20.00
10	256QAM	1	0	17.90	17.71	17.79	18.00
10	256QAM	1	25	17.60	17.84	17.73	18.00
10	256QAM	1	49	17.79	17.85	17.73	18.00
10	256QAM	25	0	17.73	17.76	17.63	18.00
10	256QAM	25	12	17.79	17.90	17.66	18.00
10	256QAM	25	25	17.83	17.94	17.81	18.00
10	256QAM	50	0	17.78	17.62	17.76	18.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	19.03	19.11	18.99	20.70
5	QPSK	1	12	18.84	18.88	18.78	20.70
5	QPSK	1	24	18.80	18.89	18.70	20.70
5	QPSK	12	0	18.89	18.95	18.99	20.70
5	QPSK	12	7	18.83	19.01	18.83	20.70
5	QPSK	12	13	18.86	18.96	18.80	20.70
5	QPSK	25	0	18.85	18.84	18.73	20.70
5	16QAM	1	0	18.71	18.94	18.82	20.70
5	16QAM	1	12	18.80	18.88	18.80	20.70
5	16QAM	1	24	18.77	18.93	18.85	20.70
5	16QAM	12	0	18.86	18.94	18.75	20.70
5	16QAM	12	7	18.70	18.79	18.72	20.70
5	16QAM	12	13	18.77	18.76	18.78	20.70
5	16QAM	25	0	18.79	18.99	18.81	20.70
5	64QAM	1	0	18.84	18.93	18.94	20.70
5	64QAM	1	12	18.82	19.00	18.86	20.70
5	64QAM	1	24	18.93	19.05	18.84	20.70
5	64QAM	12	0	18.67	18.88	18.72	20.00
5	64QAM	12	7	18.83	18.99	18.91	20.00
5	64QAM	12	13	18.76	18.81	18.88	20.00
5	64QAM	25	0	18.80	18.85	18.78	20.00
5	256QAM	1	0	17.92	17.81	17.80	18.00
5	256QAM	1	12	17.63	17.80	17.70	18.00
5	256QAM	1	24	17.80	17.83	17.68	18.00
5	256QAM	12	0	17.65	17.76	17.57	18.00
5	256QAM	12	7	17.86	17.81	17.76	18.00
5	256QAM	12	13	17.82	17.99	17.84	18.00
5	256QAM	25	0	17.89	17.72	17.77	18.00

【LTE Band 42 (96)_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					43340		
Frequency (MHz)					3575		
20	QPSK	1	0		23.15		24.00
20	QPSK	1	49		22.98		24.00
20	QPSK	1	99		22.84		24.00
20	QPSK	50	0		22.19		23.00
20	QPSK	50	24		22.09		23.00
20	QPSK	50	50		22.12		23.00
20	QPSK	100	0		22.14		23.00
20	16QAM	1	0		22.08		23.00
20	16QAM	1	49		21.98		23.00
20	16QAM	1	99		22.10		23.00
20	16QAM	50	0		21.14		22.00
20	16QAM	50	24		21.02		22.00
20	16QAM	50	50		21.09		22.00
20	16QAM	100	0		20.95		22.00
20	64QAM	1	0		21.12		22.00
20	64QAM	1	49		21.04		22.00
20	64QAM	1	99		21.06		22.00
20	64QAM	50	0		20.09		21.00
20	64QAM	50	24		20.11		21.00
20	64QAM	50	50		20.05		21.00
20	64QAM	100	0		20.12		21.00



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20	256QAM	1	0		17.97		19.00
20	256QAM	1	49		17.95		19.00
20	256QAM	1	99		18.06		19.00
20	256QAM	50	0		17.95		19.00
20	256QAM	50	24		18.12		19.00
20	256QAM	50	50		18.13		19.00
20	256QAM	100	0		17.94		19.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.05	23.07	22.93	24.00
15	QPSK	1	37	22.80	22.91	22.70	24.00
15	QPSK	1	74	22.67	22.80	22.50	24.00
15	QPSK	36	0	22.05	22.07	22.00	23.00
15	QPSK	36	20	21.88	21.97	21.86	23.00
15	QPSK	36	39	21.92	22.09	21.95	23.00
15	QPSK	75	0	22.05	22.06	21.88	23.00
15	16QAM	1	0	21.85	21.93	21.85	23.00
15	16QAM	1	37	21.75	21.90	21.68	23.00
15	16QAM	1	74	21.82	21.97	21.88	23.00
15	16QAM	36	0	21.02	21.09	20.99	22.00
15	16QAM	36	20	20.84	20.89	20.65	22.00
15	16QAM	36	39	20.99	21.01	20.72	22.00
15	16QAM	75	0	20.70	20.85	20.62	22.00
15	64QAM	1	0	20.95	21.03	20.82	22.00
15	64QAM	1	37	20.89	20.93	20.80	22.00
15	64QAM	1	74	20.85	20.96	20.81	22.00
15	64QAM	36	0	19.99	20.02	19.86	21.00
15	64QAM	36	20	20.00	20.05	19.82	21.00
15	64QAM	36	39	19.85	19.96	19.86	21.00
15	64QAM	75	0	19.95	20.02	19.82	21.00
15	256QAM	1	0	17.73	17.94	17.79	19.00
15	256QAM	1	37	17.68	17.85	17.71	19.00
15	256QAM	1	74	17.89	17.99	17.87	19.00
15	256QAM	36	0	17.85	17.81	17.82	19.00
15	256QAM	36	20	17.97	18.03	17.98	19.00
15	256QAM	36	39	17.92	18.11	17.92	19.00
15	256QAM	75	0	17.73	17.81	17.73	19.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.00	23.04	22.92	24.00
10	QPSK	1	25	22.75	22.94	22.78	24.00
10	QPSK	1	49	22.72	22.73	22.51	24.00
10	QPSK	25	0	22.08	22.11	22.05	23.00
10	QPSK	25	12	21.93	22.03	21.75	23.00
10	QPSK	25	25	21.97	22.07	21.89	23.00
10	QPSK	50	0	21.98	22.01	21.94	23.00
10	16QAM	1	0	21.81	22.05	21.85	23.00
10	16QAM	1	25	21.75	21.88	21.77	23.00
10	16QAM	1	49	21.92	21.96	21.87	23.00
10	16QAM	25	0	20.94	21.09	20.91	22.00
10	16QAM	25	12	20.92	20.94	20.75	22.00
10	16QAM	25	25	20.91	21.03	20.70	22.00
10	16QAM	50	0	20.74	20.80	20.67	22.00
10	64QAM	1	0	20.97	21.03	20.78	22.00
10	64QAM	1	25	20.90	20.92	20.76	22.00
10	64QAM	1	49	20.77	20.98	20.88	22.00
10	64QAM	25	0	19.97	20.05	19.86	21.00
10	64QAM	25	12	20.00	20.08	19.86	21.00
10	64QAM	25	25	19.89	19.91	19.76	21.00
10	64QAM	50	0	19.88	20.09	19.77	21.00
10	256QAM	1	0	17.72	17.91	17.83	19.00
10	256QAM	1	25	17.74	17.88	17.68	19.00
10	256QAM	1	49	17.93	17.96	17.94	19.00
10	256QAM	25	0	17.83	17.89	17.73	19.00
10	256QAM	25	12	17.86	17.99	17.96	19.00
10	256QAM	25	25	17.96	18.06	17.96	19.00
10	256QAM	50	0	17.75	17.86	17.68	19.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.05	23.13	22.91	24.00
5	QPSK	1	12	22.81	22.90	22.75	24.00
5	QPSK	1	24	22.61	22.78	22.58	24.00
5	QPSK	12	0	22.09	22.11	22.00	23.00
5	QPSK	12	7	21.83	21.96	21.87	23.00
5	QPSK	12	13	21.97	22.03	21.89	23.00
5	QPSK	25	0	22.06	22.11	21.92	23.00
5	16QAM	1	0	21.84	21.94	21.94	23.00
5	16QAM	1	12	21.76	21.97	21.70	23.00



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5	16QAM	1	24	21.79	21.99	21.75	23.00
5	16QAM	12	0	20.95	21.05	21.02	22.00
5	16QAM	12	7	20.88	20.88	20.74	22.00
5	16QAM	12	13	20.89	20.98	20.79	22.00
5	16QAM	25	0	20.79	20.84	20.66	22.00
5	64QAM	1	0	20.90	21.05	20.77	22.00
5	64QAM	1	12	20.91	21.03	20.75	22.00
5	64QAM	1	24	20.85	20.93	20.80	22.00
5	64QAM	12	0	19.99	19.99	19.91	21.00
5	64QAM	12	7	20.00	19.98	19.91	21.00
5	64QAM	12	13	19.86	20.00	19.80	21.00
5	64QAM	25	0	19.99	20.08	19.80	21.00
5	256QAM	1	0	17.80	17.90	17.83	19.00
5	256QAM	1	12	17.81	17.81	17.71	19.00
5	256QAM	1	24	17.90	17.92	17.91	19.00
5	256QAM	12	0	17.80	17.83	17.77	19.00
5	256QAM	12	7	17.93	18.01	17.93	19.00
5	256QAM	12	13	17.95	18.07	17.92	19.00
5	256QAM	25	0	17.74	17.82	17.67	19.00

【LTE Band 43 (96)_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				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00
20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00
15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00



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15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00
10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00
5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

**【LTE Band 43 (96)_Ant 4_DSI 2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00
20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00
15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00
15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00



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10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00
5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

【LTE Band 43 (96)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00



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20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00
15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00
15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00
10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00



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5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

【LTE Band 43 (96)_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00
20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00



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15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00
15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00
10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00
5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

**【LTE Band 43 (96)_Ant 4_DSI 12】**

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	18.70
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	16.85	16.89	16.81	18.70
20	QPSK	1	49	16.71	16.76	16.71	18.70
20	QPSK	1	99	16.72	16.75	16.71	18.70
20	QPSK	50	0	16.82	16.87	16.76	18.70
20	QPSK	50	24	16.70	16.71	16.70	18.70
20	QPSK	50	50	16.71	16.75	16.70	18.70
20	QPSK	100	0	16.72	16.79	16.71	18.70
20	16QAM	1	0	16.70	16.85	16.71	18.70
20	16QAM	1	49	16.70	16.75	16.70	18.70
20	16QAM	1	99	16.70	16.78	16.70	18.70
20	16QAM	50	0	16.71	16.74	16.70	18.70
20	16QAM	50	24	16.79	16.84	16.71	18.70
20	16QAM	50	50	16.72	16.82	16.73	18.70
20	16QAM	100	0	16.71	16.75	16.70	18.70
20	64QAM	1	0	16.71	16.73	16.70	18.70
20	64QAM	1	49	16.70	16.74	16.70	18.70
20	64QAM	1	99	16.70	16.74	16.70	18.70
20	64QAM	50	0	16.72	16.79	16.71	18.70
20	64QAM	50	24	16.70	16.76	16.71	18.70
20	64QAM	50	50	16.71	16.77	16.70	18.70
20	64QAM	100	0	16.70	16.76	16.71	18.70
20	256QAM	1	0	16.72	16.78	16.72	18.70
20	256QAM	1	49	16.72	16.73	16.70	18.70
20	256QAM	1	99	16.71	16.84	16.73	18.70
20	256QAM	50	0	16.70	16.75	16.70	18.70
20	256QAM	50	24	16.70	16.76	16.70	18.70
20	256QAM	50	50	16.74	16.84	16.70	18.70
20	256QAM	100	0	16.72	16.84	16.70	18.70
Channel				43665	44090	44515	18.70
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	16.82	16.84	16.71	18.70
15	QPSK	1	37	16.70	16.70	16.70	18.70
15	QPSK	1	74	16.71	16.70	16.71	18.70
15	QPSK	36	0	16.70	16.74	16.70	18.70
15	QPSK	36	20	16.71	16.70	16.70	18.70
15	QPSK	36	39	16.71	16.72	16.72	18.70
15	QPSK	75	0	16.70	16.72	16.70	18.70
15	16QAM	1	0	16.70	16.71	16.70	18.70
15	16QAM	1	37	16.70	16.70	16.70	18.70
15	16QAM	1	74	16.70	16.70	16.70	18.70
15	16QAM	36	0	16.71	16.70	16.70	18.70
15	16QAM	36	20	16.70	16.70	16.70	18.70
15	16QAM	36	39	16.71	16.78	16.71	18.70
15	16QAM	75	0	16.71	16.71	16.70	18.70
15	64QAM	1	0	16.71	16.71	16.70	18.70
15	64QAM	1	37	16.71	16.70	16.71	18.70
15	64QAM	1	74	16.70	16.71	16.71	18.70
15	64QAM	36	0	16.72	16.71	16.71	18.70
15	64QAM	36	20	16.70	16.71	16.70	18.70
15	64QAM	36	39	16.70	16.71	16.70	18.70
15	64QAM	75	0	16.70	16.70	16.70	18.70
15	256QAM	1	0	16.71	16.71	16.70	18.70
15	256QAM	1	37	16.72	16.70	16.70	18.70
15	256QAM	1	74	16.70	16.76	16.71	18.70
15	256QAM	36	0	16.71	16.70	16.70	18.70
15	256QAM	36	20	16.70	16.71	16.70	18.70
15	256QAM	36	39	16.71	16.77	16.71	18.70
15	256QAM	75	0	16.70	16.82	16.72	18.70
Channel				43640	44090	44540	18.70
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	16.72	16.85	16.73	18.70
10	QPSK	1	25	16.71	16.72	16.71	18.70
10	QPSK	1	49	16.70	16.71	16.70	18.70
10	QPSK	25	0	16.71	16.79	16.71	18.70
10	QPSK	25	12	16.70	16.70	16.70	18.70
10	QPSK	25	25	16.70	16.71	16.70	18.70
10	QPSK	50	0	16.71	16.70	16.70	18.70
10	16QAM	1	0	16.72	16.83	16.71	18.70
10	16QAM	1	25	16.70	16.70	16.71	18.70
10	16QAM	1	49	16.70	16.73	16.70	18.70



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10	16QAM	25	0	16.70	16.72	16.72	18.70
10	16QAM	25	12	16.74	16.80	16.70	18.70
10	16QAM	25	25	16.71	16.79	16.70	18.70
10	16QAM	50	0	16.70	16.71	16.71	18.70
10	64QAM	1	0	16.70	16.71	16.71	18.70
10	64QAM	1	25	16.71	16.70	16.71	18.70
10	64QAM	1	49	16.70	16.72	16.71	18.70
10	64QAM	25	0	16.70	16.71	16.70	18.70
10	64QAM	25	12	16.70	16.71	16.70	18.70
10	64QAM	25	25	16.71	16.70	16.70	18.70
10	64QAM	50	0	16.70	16.71	16.72	18.70
10	256QAM	1	0	16.70	16.71	16.71	18.70
10	256QAM	1	25	16.70	16.70	16.70	18.70
10	256QAM	1	49	16.71	16.70	16.71	18.70
10	256QAM	25	0	16.70	16.72	16.70	18.70
10	256QAM	25	12	16.72	16.70	16.70	18.70
10	256QAM	25	25	16.71	16.75	16.70	18.70
10	256QAM	50	0	16.71	16.83	16.70	18.70
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	16.74	16.75	16.70	18.70
5	QPSK	1	12	16.70	16.70	16.71	18.70
5	QPSK	1	24	16.71	16.72	16.70	18.70
5	QPSK	12	0	16.73	16.75	16.71	18.70
5	QPSK	12	7	16.72	16.71	16.72	18.70
5	QPSK	12	13	16.71	16.71	16.71	18.70
5	QPSK	25	0	16.70	16.70	16.72	18.70
5	16QAM	1	0	16.72	16.72	16.70	18.70
5	16QAM	1	12	16.70	16.71	16.70	18.70
5	16QAM	1	24	16.71	16.75	16.70	18.70
5	16QAM	12	0	16.72	16.70	16.70	18.70
5	16QAM	12	7	16.70	16.80	16.70	18.70
5	16QAM	12	13	16.72	16.72	16.72	18.70
5	16QAM	25	0	16.70	16.70	16.71	18.70
5	64QAM	1	0	16.71	16.71	16.70	18.70
5	64QAM	1	12	16.70	16.71	16.71	18.70
5	64QAM	1	24	16.72	16.70	16.70	18.70
5	64QAM	12	0	16.71	16.70	16.70	18.70
5	64QAM	12	7	16.70	16.71	16.71	18.70
5	64QAM	12	13	16.70	16.74	16.71	18.70
5	64QAM	25	0	16.70	16.74	16.70	18.70
5	256QAM	1	0	16.70	16.76	16.70	18.70
5	256QAM	1	12	16.70	16.70	16.70	18.70
5	256QAM	1	24	16.70	16.82	16.71	18.70
5	256QAM	12	0	16.70	16.73	16.70	18.70
5	256QAM	12	7	16.70	16.73	16.70	18.70
5	256QAM	12	13	16.71	16.78	16.70	18.70
5	256QAM	25	0	16.71	16.78	16.70	18.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00



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20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00
15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00
15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00
10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00



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5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

【LTE Band 43 (96)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.11	23.14	23.09	24.00
20	QPSK	1	49	22.89	22.97	22.82	24.00
20	QPSK	1	99	22.69	22.86	22.73	24.00
20	QPSK	50	0	22.16	22.19	22.15	23.00
20	QPSK	50	24	22.02	22.15	21.99	23.00
20	QPSK	50	50	21.88	21.97	21.89	23.00
20	QPSK	100	0	22.07	22.11	21.95	23.00
20	16QAM	1	0	21.86	21.97	21.87	23.00
20	16QAM	1	49	22.07	22.14	21.99	23.00
20	16QAM	1	99	21.85	21.99	21.83	23.00
20	16QAM	50	0	20.89	21.05	20.95	22.00
20	16QAM	50	24	21.09	21.14	21.03	22.00
20	16QAM	50	50	20.94	20.98	20.90	22.00
20	16QAM	100	0	21.04	21.16	20.97	22.00
20	64QAM	1	0	20.81	20.97	20.84	22.00
20	64QAM	1	49	20.78	20.93	20.84	22.00
20	64QAM	1	99	20.94	21.06	20.88	22.00
20	64QAM	50	0	19.82	19.92	19.84	21.00
20	64QAM	50	24	20.07	20.13	20.07	21.00
20	64QAM	50	50	19.82	19.97	19.80	21.00
20	64QAM	100	0	20.02	20.14	19.95	21.00
20	256QAM	1	0	17.94	18.04	17.97	19.00
20	256QAM	1	49	17.89	17.97	17.90	19.00
20	256QAM	1	99	17.96	18.12	17.99	19.00
20	256QAM	50	0	17.77	17.94	17.88	19.00
20	256QAM	50	24	17.99	18.13	17.95	19.00
20	256QAM	50	50	17.78	17.94	17.80	19.00
20	256QAM	100	0	17.85	17.94	17.89	19.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.02	23.06	23.01	24.00
15	QPSK	1	37	22.81	22.83	22.69	24.00
15	QPSK	1	74	22.55	22.81	22.69	24.00
15	QPSK	36	0	22.06	22.12	22.12	23.00
15	QPSK	36	20	21.89	22.03	21.92	23.00
15	QPSK	36	39	21.82	21.95	21.84	23.00
15	QPSK	75	0	22.01	22.02	21.82	23.00
15	16QAM	1	0	21.80	21.89	21.75	23.00
15	16QAM	1	37	21.97	22.00	21.85	23.00
15	16QAM	1	74	21.80	21.86	21.73	23.00
15	16QAM	36	0	20.82	21.00	20.87	22.00
15	16QAM	36	20	21.06	21.10	20.98	22.00
15	16QAM	36	39	20.80	20.95	20.79	22.00
15	16QAM	75	0	20.99	21.04	20.87	22.00
15	64QAM	1	0	20.75	20.88	20.74	22.00
15	64QAM	1	37	20.69	20.84	20.74	22.00



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15	64QAM	1	74	20.88	20.92	20.81	22.00
15	64QAM	36	0	19.74	19.85	19.81	21.00
15	64QAM	36	20	19.96	20.06	19.97	21.00
15	64QAM	36	39	19.71	19.88	19.75	21.00
15	64QAM	75	0	19.93	20.01	19.80	21.00
15	256QAM	1	0	17.80	17.98	17.93	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.88	18.01	17.94	19.00
15	256QAM	36	0	17.62	17.89	17.85	19.00
15	256QAM	36	20	17.95	18.10	17.81	19.00
15	256QAM	36	39	17.69	17.87	17.67	19.00
15	256QAM	75	0	17.77	17.82	17.80	19.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.98	23.10	23.00	24.00
10	QPSK	1	25	22.80	22.90	22.74	24.00
10	QPSK	1	49	22.64	22.84	22.70	24.00
10	QPSK	25	0	22.11	22.13	22.04	23.00
10	QPSK	25	12	21.96	22.02	21.87	23.00
10	QPSK	25	25	21.85	21.95	21.75	23.00
10	QPSK	50	0	21.98	22.02	21.93	23.00
10	16QAM	1	0	21.84	21.91	21.74	23.00
10	16QAM	1	25	21.95	22.07	21.98	23.00
10	16QAM	1	49	21.76	21.92	21.76	23.00
10	16QAM	25	0	20.88	20.94	20.81	22.00
10	16QAM	25	12	21.05	21.00	20.93	22.00
10	16QAM	25	25	20.83	20.92	20.81	22.00
10	16QAM	50	0	20.99	21.10	20.87	22.00
10	64QAM	1	0	20.80	20.90	20.73	22.00
10	64QAM	1	25	20.71	20.84	20.80	22.00
10	64QAM	1	49	20.87	20.95	20.82	22.00
10	64QAM	25	0	19.70	19.90	19.80	21.00
10	64QAM	25	12	19.97	20.03	19.92	21.00
10	64QAM	25	25	19.77	19.88	19.71	21.00
10	64QAM	50	0	19.97	20.07	19.83	21.00
10	256QAM	1	0	17.84	18.02	17.89	19.00
10	256QAM	1	25	17.79	17.83	17.82	19.00
10	256QAM	1	49	17.85	18.05	17.86	19.00
10	256QAM	25	0	17.66	17.82	17.81	19.00
10	256QAM	25	12	17.92	18.07	17.92	19.00
10	256QAM	25	25	17.66	17.84	17.69	19.00
10	256QAM	50	0	17.79	17.89	17.87	19.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.96	23.03	23.02	24.00
5	QPSK	1	12	22.80	22.88	22.70	24.00
5	QPSK	1	24	22.62	22.74	22.72	24.00
5	QPSK	12	0	22.14	22.14	22.12	23.00
5	QPSK	12	7	21.91	22.12	21.89	23.00
5	QPSK	12	13	21.83	21.82	21.79	23.00
5	QPSK	25	0	22.00	22.02	21.90	23.00
5	16QAM	1	0	21.79	21.92	21.85	23.00
5	16QAM	1	12	21.98	22.03	21.97	23.00
5	16QAM	1	24	21.74	21.88	21.73	23.00
5	16QAM	12	0	20.77	20.95	20.88	22.00
5	16QAM	12	7	20.95	21.00	20.98	22.00
5	16QAM	12	13	20.83	20.92	20.85	22.00
5	16QAM	25	0	20.92	21.11	20.89	22.00
5	64QAM	1	0	20.69	20.94	20.71	22.00
5	64QAM	1	12	20.72	20.87	20.81	22.00
5	64QAM	1	24	20.88	20.97	20.84	22.00
5	64QAM	12	0	19.68	19.90	19.81	21.00
5	64QAM	12	7	20.00	20.00	19.92	21.00
5	64QAM	12	13	19.74	19.88	19.69	21.00
5	64QAM	25	0	19.97	20.09	19.82	21.00
5	256QAM	1	0	17.80	17.92	17.89	19.00
5	256QAM	1	12	17.83	17.88	17.79	19.00
5	256QAM	1	24	17.85	18.02	17.90	19.00
5	256QAM	12	0	17.69	17.82	17.76	19.00
5	256QAM	12	7	17.90	17.99	17.85	19.00
5	256QAM	12	13	17.72	17.82	17.74	19.00
5	256QAM	25	0	17.73	17.92	17.86	19.00

**【LTE Band 43 (96)_Ant 6_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	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	21.83	21.86	21.85	23.00
20	QPSK	1	49	21.69	21.76	21.61	23.00
20	QPSK	1	99	21.40	21.55	21.47	23.00
20	QPSK	50	0	20.83	20.87	20.85	22.00
20	QPSK	50	24	20.68	20.78	20.69	22.00
20	QPSK	50	50	20.57	20.69	20.65	22.00
20	QPSK	100	0	20.69	20.84	20.75	22.00
20	16QAM	1	0	20.68	20.85	20.80	22.00
20	16QAM	1	49	20.75	20.87	20.74	22.00
20	16QAM	1	99	20.61	20.69	20.60	22.00
20	16QAM	50	0	19.56	19.74	19.62	21.00
20	16QAM	50	24	19.80	19.88	19.84	21.00
20	16QAM	50	50	19.67	19.82	19.77	21.00
20	16QAM	100	0	19.59	19.73	19.63	21.00
20	64QAM	1	0	19.76	19.86	19.82	21.00
20	64QAM	1	49	19.67	19.81	19.65	21.00
20	64QAM	1	99	19.54	19.70	19.65	21.00
20	64QAM	50	0	18.80	18.85	18.78	20.00
20	64QAM	50	24	18.65	18.71	18.61	20.00
20	64QAM	50	50	18.60	18.77	18.66	20.00
20	64QAM	100	0	18.75	18.81	18.74	20.00
20	256QAM	1	0	16.77	16.85	16.75	18.00
20	256QAM	1	49	16.74	16.81	16.73	18.00
20	256QAM	1	99	16.67	16.74	16.71	18.00
20	256QAM	50	0	16.66	16.79	16.69	18.00
20	256QAM	50	24	16.72	16.83	16.70	18.00
20	256QAM	50	50	16.66	16.73	16.65	18.00
20	256QAM	100	0	16.50	16.66	16.59	18.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	21.68	21.72	21.75	23.00
15	QPSK	1	37	21.56	21.74	21.52	23.00
15	QPSK	1	74	21.38	21.53	21.44	23.00
15	QPSK	36	0	20.75	20.84	20.72	22.00
15	QPSK	36	20	20.65	20.64	20.56	22.00
15	QPSK	36	39	20.43	20.68	20.52	22.00
15	QPSK	75	0	20.56	20.79	20.73	22.00
15	16QAM	1	0	20.61	20.83	20.75	22.00
15	16QAM	1	37	20.60	20.86	20.60	22.00
15	16QAM	1	74	20.57	20.59	20.53	22.00
15	16QAM	36	0	19.47	19.62	19.52	21.00
15	16QAM	36	20	19.66	19.78	19.74	21.00
15	16QAM	36	39	19.59	19.78	19.67	21.00
15	16QAM	75	0	19.55	19.65	19.59	21.00
15	64QAM	1	0	19.62	19.78	19.73	21.00
15	64QAM	1	37	19.64	19.75	19.56	21.00
15	64QAM	1	74	19.44	19.55	19.62	21.00
15	64QAM	36	0	18.65	18.80	18.74	20.00
15	64QAM	36	20	18.57	18.67	18.57	20.00
15	64QAM	36	39	18.58	18.73	18.62	20.00
15	64QAM	75	0	18.65	18.69	18.70	20.00
15	256QAM	1	0	16.66	16.82	16.62	18.00
15	256QAM	1	37	16.63	16.77	16.72	18.00
15	256QAM	1	74	16.58	16.69	16.66	18.00
15	256QAM	36	0	16.59	16.77	16.62	18.00
15	256QAM	36	20	16.65	16.76	16.66	18.00
15	256QAM	36	39	16.54	16.65	16.63	18.00
15	256QAM	75	0	16.47	16.64	16.49	18.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	21.74	21.80	21.71	23.00
10	QPSK	1	25	21.66	21.64	21.51	23.00
10	QPSK	1	49	21.25	21.52	21.36	23.00
10	QPSK	25	0	20.75	20.76	20.70	22.00
10	QPSK	25	12	20.58	20.73	20.64	22.00
10	QPSK	25	25	20.49	20.64	20.62	22.00
10	QPSK	50	0	20.62	20.81	20.73	22.00
10	16QAM	1	0	20.65	20.76	20.66	22.00
10	16QAM	1	25	20.66	20.82	20.68	22.00
10	16QAM	1	49	20.58	20.57	20.53	22.00



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10	16QAM	25	0	19.48	19.62	19.52	21.00
10	16QAM	25	12	19.74	19.81	19.70	21.00
10	16QAM	25	25	19.65	19.69	19.70	21.00
10	16QAM	50	0	19.46	19.59	19.58	21.00
10	64QAM	1	0	19.67	19.82	19.74	21.00
10	64QAM	1	25	19.55	19.75	19.58	21.00
10	64QAM	1	49	19.41	19.63	19.58	21.00
10	64QAM	25	0	18.76	18.74	18.75	20.00
10	64QAM	25	12	18.52	18.64	18.49	20.00
10	64QAM	25	25	18.49	18.74	18.59	20.00
10	64QAM	50	0	18.61	18.72	18.64	20.00
10	256QAM	1	0	16.73	16.81	16.67	18.00
10	256QAM	1	25	16.70	16.67	16.59	18.00
10	256QAM	1	49	16.64	16.71	16.65	18.00
10	256QAM	25	0	16.56	16.72	16.58	18.00
10	256QAM	25	12	16.60	16.82	16.58	18.00
10	256QAM	25	25	16.63	16.71	16.61	18.00
10	256QAM	50	0	16.36	16.59	16.45	18.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	21.73	21.84	21.75	23.00
5	QPSK	1	12	21.59	21.67	21.59	23.00
5	QPSK	1	24	21.37	21.47	21.36	23.00
5	QPSK	12	0	20.81	20.75	20.71	22.00
5	QPSK	12	7	20.61	20.72	20.66	22.00
5	QPSK	12	13	20.52	20.57	20.61	22.00
5	QPSK	25	0	20.54	20.82	20.60	22.00
5	16QAM	1	0	20.58	20.76	20.77	22.00
5	16QAM	1	12	20.70	20.81	20.67	22.00
5	16QAM	1	24	20.48	20.54	20.54	22.00
5	16QAM	12	0	19.43	19.59	19.52	21.00
5	16QAM	12	7	19.72	19.84	19.80	21.00
5	16QAM	12	13	19.59	19.72	19.69	21.00
5	16QAM	25	0	19.49	19.62	19.57	21.00
5	64QAM	1	0	19.71	19.78	19.70	21.00
5	64QAM	1	12	19.57	19.73	19.57	21.00
5	64QAM	1	24	19.50	19.56	19.60	21.00
5	64QAM	12	0	18.72	18.76	18.68	20.00
5	64QAM	12	7	18.51	18.59	18.49	20.00
5	64QAM	12	13	18.45	18.69	18.55	20.00
5	64QAM	25	0	18.64	18.78	18.72	20.00
5	256QAM	1	0	16.68	16.70	16.73	18.00
5	256QAM	1	12	16.71	16.78	16.71	18.00
5	256QAM	1	24	16.56	16.72	16.64	18.00
5	256QAM	12	0	16.60	16.77	16.58	18.00
5	256QAM	12	7	16.70	16.79	16.56	18.00
5	256QAM	12	13	16.60	16.59	16.56	18.00
5	256QAM	25	0	16.46	16.57	16.49	18.00

【LTE Band 43 (96)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	21.83	21.86	21.85	23.00
20	QPSK	1	49	21.69	21.76	21.61	23.00
20	QPSK	1	99	21.40	21.55	21.47	23.00
20	QPSK	50	0	20.83	20.87	20.85	22.00
20	QPSK	50	24	20.68	20.78	20.69	22.00
20	QPSK	50	50	20.57	20.69	20.65	22.00
20	QPSK	100	0	20.69	20.84	20.75	22.00
20	16QAM	1	0	20.68	20.85	20.80	22.00
20	16QAM	1	49	20.75	20.87	20.74	22.00
20	16QAM	1	99	20.61	20.69	20.60	22.00
20	16QAM	50	0	19.56	19.74	19.62	21.00
20	16QAM	50	24	19.80	19.88	19.84	21.00
20	16QAM	50	50	19.67	19.82	19.77	21.00
20	16QAM	100	0	19.59	19.73	19.63	21.00
20	64QAM	1	0	19.76	19.86	19.82	21.00
20	64QAM	1	49	19.67	19.81	19.65	21.00
20	64QAM	1	99	19.54	19.70	19.65	21.00
20	64QAM	50	0	18.80	18.85	18.78	20.00
20	64QAM	50	24	18.65	18.71	18.61	20.00



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20	64QAM	50	50	18.60	18.77	18.66	20.00
20	64QAM	100	0	18.75	18.81	18.74	20.00
20	256QAM	1	0	16.77	16.85	16.75	18.00
20	256QAM	1	49	16.74	16.81	16.73	18.00
20	256QAM	1	99	16.67	16.74	16.71	18.00
20	256QAM	50	0	16.66	16.79	16.69	18.00
20	256QAM	50	24	16.72	16.83	16.70	18.00
20	256QAM	50	50	16.66	16.73	16.65	18.00
20	256QAM	100	0	16.50	16.66	16.59	18.00
Channel				43665	44090	44515	Tune-up limit
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	21.68	21.72	21.75	23.00
15	QPSK	1	37	21.56	21.74	21.52	23.00
15	QPSK	1	74	21.38	21.53	21.44	23.00
15	QPSK	36	0	20.75	20.84	20.72	22.00
15	QPSK	36	20	20.65	20.64	20.56	22.00
15	QPSK	36	39	20.43	20.68	20.52	22.00
15	QPSK	75	0	20.56	20.79	20.73	22.00
15	16QAM	1	0	20.61	20.83	20.75	22.00
15	16QAM	1	37	20.60	20.86	20.60	22.00
15	16QAM	1	74	20.57	20.59	20.53	22.00
15	16QAM	36	0	19.47	19.62	19.52	21.00
15	16QAM	36	20	19.66	19.78	19.74	21.00
15	16QAM	36	39	19.59	19.78	19.67	21.00
15	16QAM	75	0	19.55	19.65	19.59	21.00
15	64QAM	1	0	19.62	19.78	19.73	21.00
15	64QAM	1	37	19.64	19.75	19.56	21.00
15	64QAM	1	74	19.44	19.55	19.62	21.00
15	64QAM	36	0	18.65	18.80	18.74	20.00
15	64QAM	36	20	18.57	18.67	18.57	20.00
15	64QAM	36	39	18.58	18.73	18.62	20.00
15	64QAM	75	0	18.65	18.69	18.70	20.00
15	256QAM	1	0	16.66	16.82	16.62	18.00
15	256QAM	1	37	16.63	16.77	16.72	18.00
15	256QAM	1	74	16.58	16.69	16.66	18.00
15	256QAM	36	0	16.59	16.77	16.62	18.00
15	256QAM	36	20	16.65	16.76	16.66	18.00
15	256QAM	36	39	16.54	16.65	16.63	18.00
15	256QAM	75	0	16.47	16.64	16.49	18.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	21.74	21.80	21.71	23.00
10	QPSK	1	25	21.66	21.64	21.51	23.00
10	QPSK	1	49	21.25	21.52	21.36	23.00
10	QPSK	25	0	20.75	20.76	20.70	22.00
10	QPSK	25	12	20.58	20.73	20.64	22.00
10	QPSK	25	25	20.49	20.64	20.62	22.00
10	QPSK	50	0	20.62	20.81	20.73	22.00
10	16QAM	1	0	20.65	20.76	20.66	22.00
10	16QAM	1	25	20.66	20.82	20.68	22.00
10	16QAM	1	49	20.58	20.57	20.53	22.00
10	16QAM	25	0	19.48	19.62	19.52	21.00
10	16QAM	25	12	19.74	19.81	19.70	21.00
10	16QAM	25	25	19.65	19.69	19.70	21.00
10	16QAM	50	0	19.46	19.59	19.58	21.00
10	64QAM	1	0	19.67	19.82	19.74	21.00
10	64QAM	1	25	19.55	19.75	19.58	21.00
10	64QAM	1	49	19.41	19.63	19.58	21.00
10	64QAM	25	0	18.76	18.74	18.75	20.00
10	64QAM	25	12	18.52	18.64	18.49	20.00
10	64QAM	25	25	18.49	18.74	18.59	20.00
10	64QAM	50	0	18.61	18.72	18.64	20.00
10	256QAM	1	0	16.73	16.81	16.67	18.00
10	256QAM	1	25	16.70	16.67	16.59	18.00
10	256QAM	1	49	16.64	16.71	16.65	18.00
10	256QAM	25	0	16.56	16.72	16.58	18.00
10	256QAM	25	12	16.60	16.82	16.58	18.00
10	256QAM	25	25	16.63	16.71	16.61	18.00
10	256QAM	50	0	16.36	16.59	16.45	18.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	21.73	21.84	21.75	23.00
5	QPSK	1	12	21.59	21.67	21.59	23.00
5	QPSK	1	24	21.37	21.47	21.36	23.00
5	QPSK	12	0	20.81	20.75	20.71	22.00
5	QPSK	12	7	20.61	20.72	20.66	22.00
5	QPSK	12	13	20.52	20.57	20.61	22.00
5	QPSK	25	0	20.54	20.82	20.60	22.00



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5	16QAM	1	0	20.58	20.76	20.77	22.00
5	16QAM	1	12	20.70	20.81	20.67	22.00
5	16QAM	1	24	20.48	20.54	20.54	22.00
5	16QAM	12	0	19.43	19.59	19.52	21.00
5	16QAM	12	7	19.72	19.84	19.80	21.00
5	16QAM	12	13	19.59	19.72	19.69	21.00
5	16QAM	25	0	19.49	19.62	19.57	21.00
5	64QAM	1	0	19.71	19.78	19.70	21.00
5	64QAM	1	12	19.57	19.73	19.57	21.00
5	64QAM	1	24	19.50	19.56	19.60	21.00
5	64QAM	12	0	18.72	18.76	18.68	20.00
5	64QAM	12	7	18.51	18.59	18.49	20.00
5	64QAM	12	13	18.45	18.69	18.55	20.00
5	64QAM	25	0	18.64	18.78	18.72	20.00
5	256QAM	1	0	16.68	16.70	16.73	18.00
5	256QAM	1	12	16.71	16.78	16.71	18.00
5	256QAM	1	24	16.56	16.72	16.64	18.00
5	256QAM	12	0	16.60	16.77	16.58	18.00
5	256QAM	12	7	16.70	16.79	16.56	18.00
5	256QAM	12	13	16.60	16.59	16.56	18.00
5	256QAM	25	0	16.46	16.57	16.49	18.00

【LTE Band 43 (96)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.82	19.97	19.87	21.50
20	QPSK	1	49	19.72	19.70	19.51	21.50
20	QPSK	1	99	19.51	19.77	19.62	21.50
20	QPSK	50	0	19.75	19.80	19.77	21.50
20	QPSK	50	24	19.50	19.75	19.54	21.50
20	QPSK	50	50	19.63	19.79	19.57	21.50
20	QPSK	100	0	19.63	19.75	19.61	21.50
20	16QAM	1	0	19.56	19.81	19.67	21.50
20	16QAM	1	49	19.50	19.76	19.61	21.50
20	16QAM	1	99	19.75	19.73	19.53	21.50
20	16QAM	50	0	19.55	19.75	19.56	21.50
20	16QAM	50	24	19.51	19.74	19.60	21.50
20	16QAM	50	50	19.60	19.82	19.62	21.50
20	16QAM	100	0	19.65	19.82	19.62	21.50
20	64QAM	1	0	19.57	19.77	19.53	21.50
20	64QAM	1	49	19.58	19.85	19.64	21.50
20	64QAM	1	99	19.78	19.72	19.56	21.50
20	64QAM	50	0	18.74	18.94	18.73	20.70
20	64QAM	50	24	18.76	18.97	18.78	20.70
20	64QAM	50	50	18.83	19.01	18.84	20.70
20	64QAM	100	0	18.75	19.04	18.90	20.70
20	256QAM	1	0	16.72	16.88	16.78	18.70
20	256QAM	1	49	16.72	16.98	16.88	18.70
20	256QAM	1	99	16.78	17.02	16.92	18.70
20	256QAM	50	0	16.78	17.01	16.90	18.70
20	256QAM	50	24	16.85	16.89	16.74	18.70
20	256QAM	50	50	16.77	16.98	16.82	18.70
20	256QAM	100	0	16.86	17.05	16.89	18.70
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.74	19.87	19.75	21.50
15	QPSK	1	37	19.71	19.69	19.50	21.50
15	QPSK	1	74	19.50	19.66	19.57	21.50
15	QPSK	36	0	19.61	19.72	19.72	21.50
15	QPSK	36	20	19.50	19.73	19.52	21.50
15	QPSK	36	39	19.58	19.75	19.50	21.50
15	QPSK	75	0	19.56	19.61	19.54	21.50
15	16QAM	1	0	19.51	19.80	19.54	21.50
15	16QAM	1	37	19.51	19.74	19.50	21.50
15	16QAM	1	74	19.61	19.70	19.51	21.50
15	16QAM	36	0	19.52	19.66	19.50	21.50
15	16QAM	36	20	19.51	19.70	19.50	21.50
15	16QAM	36	39	19.58	19.80	19.59	21.50
15	16QAM	75	0	19.54	19.78	19.50	21.50
15	64QAM	1	0	19.52	19.72	19.51	21.50
15	64QAM	1	37	19.51	19.75	19.59	21.50



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15	64QAM	1	74	19.63	19.66	19.51	21.50
15	64QAM	36	0	18.71	18.81	18.72	20.70
15	64QAM	36	20	18.73	18.86	18.72	20.70
15	64QAM	36	39	18.76	18.90	18.83	20.70
15	64QAM	75	0	18.70	18.99	18.86	20.70
15	256QAM	1	0	16.71	16.75	16.70	18.70
15	256QAM	1	37	16.70	16.92	16.82	18.70
15	256QAM	1	74	16.70	16.99	16.89	18.70
15	256QAM	36	0	16.75	16.89	16.88	18.70
15	256QAM	36	20	16.76	16.86	16.71	18.70
15	256QAM	36	39	16.71	16.93	16.70	18.70
15	256QAM	75	0	16.84	16.93	16.83	18.70
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	19.74	19.88	19.80	21.50
10	QPSK	1	25	19.58	19.58	19.50	21.50
10	QPSK	1	49	19.51	19.69	19.56	21.50
10	QPSK	25	0	19.72	19.75	19.66	21.50
10	QPSK	25	12	19.52	19.68	19.51	21.50
10	QPSK	25	25	19.54	19.75	19.53	21.50
10	QPSK	50	0	19.53	19.72	19.50	21.50
10	16QAM	1	0	19.54	19.77	19.56	21.50
10	16QAM	1	25	19.50	19.71	19.53	21.50
10	16QAM	1	49	19.69	19.65	19.51	21.50
10	16QAM	25	0	19.51	19.67	19.52	21.50
10	16QAM	25	12	19.51	19.66	19.52	21.50
10	16QAM	25	25	19.51	19.73	19.60	21.50
10	16QAM	50	0	19.57	19.73	19.52	21.50
10	64QAM	1	0	19.50	19.76	19.50	21.50
10	64QAM	1	25	19.52	19.74	19.52	21.50
10	64QAM	1	49	19.71	19.65	19.50	21.50
10	64QAM	25	0	18.70	18.87	18.72	20.70
10	64QAM	25	12	18.71	18.93	18.70	20.70
10	64QAM	25	25	18.70	18.99	18.70	20.70
10	64QAM	50	0	18.70	18.93	18.80	20.70
10	256QAM	1	0	16.70	16.82	16.71	18.70
10	256QAM	1	25	16.70	16.93	16.84	18.70
10	256QAM	1	49	16.76	17.00	16.78	18.70
10	256QAM	25	0	16.70	16.99	16.87	18.70
10	256QAM	25	12	16.72	16.75	16.71	18.70
10	256QAM	25	25	16.70	16.86	16.71	18.70
10	256QAM	50	0	16.73	16.93	16.79	18.70
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	19.76	19.88	19.84	21.50
5	QPSK	1	12	19.62	19.62	19.50	21.50
5	QPSK	1	24	19.50	19.73	19.52	21.50
5	QPSK	12	0	19.60	19.79	19.70	21.50
5	QPSK	12	7	19.51	19.74	19.51	21.50
5	QPSK	12	13	19.53	19.70	19.50	21.50
5	QPSK	25	0	19.62	19.61	19.51	21.50
5	16QAM	1	0	19.51	19.72	19.62	21.50
5	16QAM	1	12	19.50	19.69	19.51	21.50
5	16QAM	1	24	19.64	19.71	19.50	21.50
5	16QAM	12	0	19.51	19.71	19.51	21.50
5	16QAM	12	7	19.50	19.69	19.51	21.50
5	16QAM	12	13	19.50	19.81	19.55	21.50
5	16QAM	25	0	19.51	19.69	19.51	21.50
5	64QAM	1	0	19.50	19.71	19.51	21.50
5	64QAM	1	12	19.56	19.78	19.62	21.50
5	64QAM	1	24	19.68	19.59	19.52	21.50
5	64QAM	12	0	18.70	18.81	18.71	20.70
5	64QAM	12	7	18.71	18.84	18.71	20.70
5	64QAM	12	13	18.71	18.98	18.75	20.70
5	64QAM	25	0	18.73	18.95	18.87	20.70
5	256QAM	1	0	16.72	16.82	16.75	18.70
5	256QAM	1	12	16.70	16.97	16.73	18.70
5	256QAM	1	24	16.70	17.00	16.91	18.70
5	256QAM	12	0	16.70	16.91	16.85	18.70
5	256QAM	12	7	16.78	16.83	16.70	18.70
5	256QAM	12	13	16.75	16.94	16.76	18.70
5	256QAM	25	0	16.71	17.01	16.87	18.70

**[LTE Band 43 (96)_Ant 6_DSI 6]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	21.83	21.86	21.85	23.00
20	QPSK	1	49	21.69	21.76	21.61	23.00
20	QPSK	1	99	21.40	21.55	21.47	23.00
20	QPSK	50	0	20.83	20.87	20.85	22.00
20	QPSK	50	24	20.68	20.78	20.69	22.00
20	QPSK	50	50	20.57	20.69	20.65	22.00
20	QPSK	100	0	20.69	20.84	20.75	22.00
20	16QAM	1	0	20.68	20.85	20.80	22.00
20	16QAM	1	49	20.75	20.87	20.74	22.00
20	16QAM	1	99	20.61	20.69	20.60	22.00
20	16QAM	50	0	19.56	19.74	19.62	21.00
20	16QAM	50	24	19.80	19.88	19.84	21.00
20	16QAM	50	50	19.67	19.82	19.77	21.00
20	16QAM	100	0	19.59	19.73	19.63	21.00
20	64QAM	1	0	19.76	19.86	19.82	21.00
20	64QAM	1	49	19.67	19.81	19.65	21.00
20	64QAM	1	99	19.54	19.70	19.65	21.00
20	64QAM	50	0	18.80	18.85	18.78	20.00
20	64QAM	50	24	18.65	18.71	18.61	20.00
20	64QAM	50	50	18.60	18.77	18.66	20.00
20	64QAM	100	0	18.75	18.81	18.74	20.00
20	256QAM	1	0	16.77	16.85	16.75	18.00
20	256QAM	1	49	16.74	16.81	16.73	18.00
20	256QAM	1	99	16.67	16.74	16.71	18.00
20	256QAM	50	0	16.66	16.79	16.69	18.00
20	256QAM	50	24	16.72	16.83	16.70	18.00
20	256QAM	50	50	16.66	16.73	16.65	18.00
20	256QAM	100	0	16.50	16.66	16.59	18.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	21.68	21.72	21.75	23.00
15	QPSK	1	37	21.56	21.74	21.52	23.00
15	QPSK	1	74	21.38	21.53	21.44	23.00
15	QPSK	36	0	20.75	20.84	20.72	22.00
15	QPSK	36	20	20.65	20.64	20.56	22.00
15	QPSK	36	39	20.43	20.68	20.52	22.00
15	QPSK	75	0	20.56	20.79	20.73	22.00
15	16QAM	1	0	20.61	20.83	20.75	22.00
15	16QAM	1	37	20.60	20.86	20.60	22.00
15	16QAM	1	74	20.57	20.59	20.53	22.00
15	16QAM	36	0	19.47	19.62	19.52	21.00
15	16QAM	36	20	19.66	19.78	19.74	21.00
15	16QAM	36	39	19.59	19.78	19.67	21.00
15	16QAM	75	0	19.55	19.65	19.59	21.00
15	64QAM	1	0	19.62	19.78	19.73	21.00
15	64QAM	1	37	19.64	19.75	19.56	21.00
15	64QAM	1	74	19.44	19.55	19.62	21.00
15	64QAM	36	0	18.65	18.80	18.74	20.00
15	64QAM	36	20	18.57	18.67	18.57	20.00
15	64QAM	36	39	18.58	18.73	18.62	20.00
15	64QAM	75	0	18.65	18.69	18.70	20.00
15	256QAM	1	0	16.66	16.82	16.62	18.00
15	256QAM	1	37	16.63	16.77	16.72	18.00
15	256QAM	1	74	16.58	16.69	16.66	18.00
15	256QAM	36	0	16.59	16.77	16.62	18.00
15	256QAM	36	20	16.65	16.76	16.66	18.00
15	256QAM	36	39	16.54	16.65	16.63	18.00
15	256QAM	75	0	16.47	16.64	16.49	18.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	21.74	21.80	21.71	23.00
10	QPSK	1	25	21.66	21.64	21.51	23.00
10	QPSK	1	49	21.25	21.52	21.36	23.00
10	QPSK	25	0	20.75	20.76	20.70	22.00
10	QPSK	25	12	20.58	20.73	20.64	22.00
10	QPSK	25	25	20.49	20.64	20.62	22.00
10	QPSK	50	0	20.62	20.81	20.73	22.00
10	16QAM	1	0	20.65	20.76	20.66	22.00
10	16QAM	1	25	20.66	20.82	20.68	22.00
10	16QAM	1	49	20.58	20.57	20.53	22.00
10	16QAM	25	0	19.48	19.62	19.52	21.00
10	16QAM	25	12	19.74	19.81	19.70	21.00



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10	16QAM	25	25	19.65	19.69	19.70	21.00
10	16QAM	50	0	19.46	19.59	19.58	21.00
10	64QAM	1	0	19.67	19.82	19.74	21.00
10	64QAM	1	25	19.55	19.75	19.58	21.00
10	64QAM	1	49	19.41	19.63	19.58	21.00
10	64QAM	25	0	18.76	18.74	18.75	20.00
10	64QAM	25	12	18.52	18.64	18.49	20.00
10	64QAM	25	25	18.49	18.74	18.59	20.00
10	64QAM	50	0	18.61	18.72	18.64	20.00
10	256QAM	1	0	16.73	16.81	16.67	18.00
10	256QAM	1	25	16.70	16.67	16.59	18.00
10	256QAM	1	49	16.64	16.71	16.65	18.00
10	256QAM	25	0	16.56	16.72	16.58	18.00
10	256QAM	25	12	16.60	16.82	16.58	18.00
10	256QAM	25	25	16.63	16.71	16.61	18.00
10	256QAM	50	0	16.36	16.59	16.45	18.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	21.73	21.84	21.75	23.00
5	QPSK	1	12	21.59	21.67	21.59	23.00
5	QPSK	1	24	21.37	21.47	21.36	23.00
5	QPSK	12	0	20.81	20.75	20.71	22.00
5	QPSK	12	7	20.61	20.72	20.66	22.00
5	QPSK	12	13	20.52	20.57	20.61	22.00
5	QPSK	25	0	20.54	20.82	20.60	22.00
5	16QAM	1	0	20.58	20.76	20.77	22.00
5	16QAM	1	12	20.70	20.81	20.67	22.00
5	16QAM	1	24	20.48	20.54	20.54	22.00
5	16QAM	12	0	19.43	19.59	19.52	21.00
5	16QAM	12	7	19.72	19.84	19.80	21.00
5	16QAM	12	13	19.59	19.72	19.69	21.00
5	16QAM	25	0	19.49	19.62	19.57	21.00
5	64QAM	1	0	19.71	19.78	19.70	21.00
5	64QAM	1	12	19.57	19.73	19.57	21.00
5	64QAM	1	24	19.50	19.56	19.60	21.00
5	64QAM	12	0	18.72	18.76	18.68	20.00
5	64QAM	12	7	18.51	18.59	18.49	20.00
5	64QAM	12	13	18.45	18.69	18.55	20.00
5	64QAM	25	0	18.64	18.78	18.72	20.00
5	256QAM	1	0	16.68	16.70	16.73	18.00
5	256QAM	1	12	16.71	16.78	16.71	18.00
5	256QAM	1	24	16.56	16.72	16.64	18.00
5	256QAM	12	0	16.60	16.77	16.58	18.00
5	256QAM	12	7	16.70	16.79	16.56	18.00
5	256QAM	12	13	16.60	16.59	16.56	18.00
5	256QAM	25	0	16.46	16.57	16.49	18.00

【LTE Band 43 (96)_Ant 6_DSI 12】

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	15.25	15.38	15.35	17.10
20	QPSK	1	49	15.16	15.27	15.19	17.10
20	QPSK	1	99	15.15	15.31	15.22	17.10
20	QPSK	50	0	15.14	15.37	15.20	17.10
20	QPSK	50	24	15.21	15.19	15.11	17.10
20	QPSK	50	50	15.15	15.32	15.23	17.10
20	QPSK	100	0	15.17	15.34	15.24	17.10
20	16QAM	1	0	15.31	15.29	15.14	17.10
20	16QAM	1	49	15.17	15.28	15.14	17.10
20	16QAM	1	99	15.26	15.25	15.12	17.10
20	16QAM	50	0	15.14	15.22	15.12	17.10
20	16QAM	50	24	15.15	15.34	15.15	17.10
20	16QAM	50	50	15.10	15.29	15.23	17.10
20	16QAM	100	0	15.13	15.27	15.17	17.10
20	64QAM	1	0	15.12	15.25	15.14	17.10
20	64QAM	1	49	15.12	15.31	15.12	17.10
20	64QAM	1	99	15.11	15.27	15.11	17.10
20	64QAM	50	0	15.13	15.30	15.20	17.10
20	64QAM	50	24	15.10	15.36	15.16	17.10
20	64QAM	50	50	15.20	15.38	15.32	17.10
20	64QAM	100	0	15.23	15.25	15.18	17.10



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20	256QAM	1	0	13.13	13.30	13.12	15.10
20	256QAM	1	49	13.35	13.30	13.17	15.10
20	256QAM	1	99	13.15	13.35	13.26	15.10
20	256QAM	50	0	13.25	13.34	13.25	15.10
20	256QAM	50	24	13.21	13.33	13.15	15.10
20	256QAM	50	50	13.25	13.26	13.19	15.10
20	256QAM	100	0	13.21	13.25	13.10	15.10
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	15.15	15.35	15.23	17.10
15	QPSK	1	37	15.10	15.25	15.10	17.10
15	QPSK	1	74	15.10	15.29	15.10	17.10
15	QPSK	36	0	15.12	15.23	15.10	17.10
15	QPSK	36	20	15.18	15.11	15.11	17.10
15	QPSK	36	39	15.12	15.22	15.14	17.10
15	QPSK	75	0	15.10	15.24	15.21	17.10
15	16QAM	1	0	15.24	15.25	15.10	17.10
15	16QAM	1	37	15.11	15.19	15.11	17.10
15	16QAM	1	74	15.17	15.15	15.11	17.10
15	16QAM	36	0	15.10	15.10	15.10	17.10
15	16QAM	36	20	15.11	15.31	15.11	17.10
15	16QAM	36	39	15.10	15.25	15.22	17.10
15	16QAM	75	0	15.10	15.22	15.10	17.10
15	64QAM	1	0	15.11	15.21	15.10	17.10
15	64QAM	1	37	15.10	15.21	15.10	17.10
15	64QAM	1	74	15.11	15.13	15.10	17.10
15	64QAM	36	0	15.10	15.19	15.14	17.10
15	64QAM	36	20	15.10	15.28	15.11	17.10
15	64QAM	36	39	15.19	15.28	15.19	17.10
15	64QAM	75	0	15.10	15.14	15.16	17.10
15	256QAM	1	0	13.10	13.26	13.10	15.10
15	256QAM	1	37	13.29	13.21	13.10	15.10
15	256QAM	1	74	13.12	13.25	13.17	15.10
15	256QAM	36	0	13.13	13.31	13.17	15.10
15	256QAM	36	20	13.16	13.23	13.10	15.10
15	256QAM	36	39	13.15	13.15	13.18	15.10
15	256QAM	75	0	13.10	13.11	13.10	15.10
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	15.24	15.34	15.28	17.10
10	QPSK	1	25	15.10	15.14	15.11	17.10
10	QPSK	1	49	15.13	15.29	15.20	17.10
10	QPSK	25	0	15.11	15.25	15.15	17.10
10	QPSK	25	12	15.17	15.12	15.10	17.10
10	QPSK	25	25	15.12	15.29	15.12	17.10
10	QPSK	50	0	15.14	15.22	15.10	17.10
10	16QAM	1	0	15.25	15.23	15.11	17.10
10	16QAM	1	25	15.10	15.26	15.10	17.10
10	16QAM	1	49	15.11	15.14	15.10	17.10
10	16QAM	25	0	15.10	15.10	15.11	17.10
10	16QAM	25	12	15.12	15.23	15.10	17.10
10	16QAM	25	25	15.11	15.24	15.16	17.10
10	16QAM	50	0	15.10	15.23	15.10	17.10
10	64QAM	1	0	15.11	15.17	15.11	17.10
10	64QAM	1	25	15.10	15.21	15.12	17.10
10	64QAM	1	49	15.11	15.21	15.10	17.10
10	64QAM	25	0	15.12	15.24	15.18	17.10
10	64QAM	25	12	15.12	15.26	15.10	17.10
10	64QAM	25	25	15.16	15.35	15.19	17.10
10	64QAM	50	0	15.11	15.22	15.10	17.10
10	256QAM	1	0	13.11	13.24	13.11	15.10
10	256QAM	1	25	13.22	13.23	13.11	15.10
10	256QAM	1	49	13.11	13.21	13.15	15.10
10	256QAM	25	0	13.15	13.22	13.13	15.10
10	256QAM	25	12	13.15	13.19	13.11	15.10
10	256QAM	25	25	13.19	13.17	13.18	15.10
10	256QAM	50	0	13.11	13.15	13.11	15.10
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	15.11	15.29	15.31	17.10
5	QPSK	1	12	15.11	15.17	15.16	17.10
5	QPSK	1	24	15.10	15.26	15.11	17.10
5	QPSK	12	0	15.12	15.29	15.19	17.10
5	QPSK	12	7	15.20	15.10	15.11	17.10
5	QPSK	12	13	15.10	15.27	15.12	17.10
5	QPSK	25	0	15.11	15.26	15.19	17.10
5	16QAM	1	0	15.25	15.25	15.11	17.10
5	16QAM	1	12	15.11	15.20	15.10	17.10



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5	16QAM	1	24	15.22	15.14	15.11	17.10
5	16QAM	12	0	15.12	15.14	15.11	17.10
5	16QAM	12	7	15.10	15.29	15.11	17.10
5	16QAM	12	13	15.11	15.15	15.11	17.10
5	16QAM	25	0	15.10	15.24	15.14	17.10
5	64QAM	1	0	15.12	15.12	15.11	17.10
5	64QAM	1	12	15.10	15.26	15.10	17.10
5	64QAM	1	24	15.10	15.19	15.11	17.10
5	64QAM	12	0	15.10	15.26	15.12	17.10
5	64QAM	12	7	15.10	15.25	15.10	17.10
5	64QAM	12	13	15.14	15.25	15.28	17.10
5	64QAM	25	0	15.16	15.15	15.12	17.10
5	256QAM	1	0	13.10	13.17	13.11	15.10
5	256QAM	1	12	13.23	13.22	13.10	15.10
5	256QAM	1	24	13.11	13.26	13.13	15.10
5	256QAM	12	0	13.18	13.29	13.10	15.10
5	256QAM	12	7	13.14	13.24	13.10	15.10
5	256QAM	12	13	13.13	13.20	13.10	15.10
5	256QAM	25	0	13.10	13.18	13.11	15.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.82	19.97	19.87	21.50
20	QPSK	1	49	19.72	19.70	19.51	21.50
20	QPSK	1	99	19.51	19.77	19.62	21.50
20	QPSK	50	0	19.75	19.80	19.77	21.50
20	QPSK	50	24	19.50	19.75	19.54	21.50
20	QPSK	50	50	19.63	19.79	19.57	21.50
20	QPSK	100	0	19.63	19.75	19.61	21.50
20	16QAM	1	0	19.56	19.81	19.67	21.50
20	16QAM	1	49	19.50	19.76	19.61	21.50
20	16QAM	1	99	19.75	19.73	19.53	21.50
20	16QAM	50	0	19.55	19.75	19.56	21.50
20	16QAM	50	24	19.51	19.74	19.60	21.50
20	16QAM	50	50	19.60	19.82	19.62	21.50
20	16QAM	100	0	19.65	19.82	19.62	21.50
20	64QAM	1	0	19.57	19.77	19.53	21.50
20	64QAM	1	49	19.58	19.85	19.64	21.50
20	64QAM	1	99	19.78	19.72	19.56	21.50
20	64QAM	50	0	18.74	18.94	18.73	20.70
20	64QAM	50	24	18.76	18.97	18.78	20.70
20	64QAM	50	50	18.83	19.01	18.84	20.70
20	64QAM	100	0	18.75	19.04	18.90	20.70
20	256QAM	1	0	16.72	16.88	16.78	18.70
20	256QAM	1	49	16.72	16.98	16.88	18.70
20	256QAM	1	99	16.78	17.02	16.92	18.70
20	256QAM	50	0	16.78	17.01	16.90	18.70
20	256QAM	50	24	16.85	16.89	16.74	18.70
20	256QAM	50	50	16.77	16.98	16.82	18.70
20	256QAM	100	0	16.86	17.05	16.89	18.70
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.74	19.87	19.75	21.50
15	QPSK	1	37	19.71	19.69	19.50	21.50
15	QPSK	1	74	19.50	19.66	19.57	21.50
15	QPSK	36	0	19.61	19.72	19.72	21.50
15	QPSK	36	20	19.50	19.73	19.52	21.50
15	QPSK	36	39	19.58	19.75	19.50	21.50
15	QPSK	75	0	19.56	19.61	19.54	21.50
15	16QAM	1	0	19.51	19.80	19.54	21.50
15	16QAM	1	37	19.51	19.74	19.50	21.50
15	16QAM	1	74	19.61	19.70	19.51	21.50
15	16QAM	36	0	19.52	19.66	19.50	21.50
15	16QAM	36	20	19.51	19.70	19.50	21.50
15	16QAM	36	39	19.58	19.80	19.59	21.50
15	16QAM	75	0	19.54	19.78	19.50	21.50
15	64QAM	1	0	19.52	19.72	19.51	21.50
15	64QAM	1	37	19.51	19.75	19.59	21.50
15	64QAM	1	74	19.63	19.66	19.51	21.50
15	64QAM	36	0	18.71	18.81	18.72	20.70



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15	64QAM	36	20	18.73	18.86	18.72	20.70
15	64QAM	36	39	18.76	18.90	18.83	20.70
15	64QAM	75	0	18.70	18.99	18.86	20.70
15	256QAM	1	0	16.71	16.75	16.70	18.70
15	256QAM	1	37	16.70	16.92	16.82	18.70
15	256QAM	1	74	16.70	16.99	16.89	18.70
15	256QAM	36	0	16.75	16.89	16.88	18.70
15	256QAM	36	20	16.76	16.86	16.71	18.70
15	256QAM	36	39	16.71	16.93	16.70	18.70
15	256QAM	75	0	16.84	16.93	16.83	18.70
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	19.74	19.88	19.80	21.50
10	QPSK	1	25	19.58	19.58	19.50	21.50
10	QPSK	1	49	19.51	19.69	19.56	21.50
10	QPSK	25	0	19.72	19.75	19.66	21.50
10	QPSK	25	12	19.52	19.68	19.51	21.50
10	QPSK	25	25	19.54	19.75	19.53	21.50
10	QPSK	50	0	19.53	19.72	19.50	21.50
10	16QAM	1	0	19.54	19.77	19.56	21.50
10	16QAM	1	25	19.50	19.71	19.53	21.50
10	16QAM	1	49	19.69	19.65	19.51	21.50
10	16QAM	25	0	19.51	19.67	19.52	21.50
10	16QAM	25	12	19.51	19.66	19.52	21.50
10	16QAM	25	25	19.51	19.73	19.60	21.50
10	16QAM	50	0	19.57	19.73	19.52	21.50
10	64QAM	1	0	19.50	19.76	19.50	21.50
10	64QAM	1	25	19.52	19.74	19.52	21.50
10	64QAM	1	49	19.71	19.65	19.50	21.50
10	64QAM	25	0	18.70	18.87	18.72	20.70
10	64QAM	25	12	18.71	18.93	18.70	20.70
10	64QAM	25	25	18.70	18.99	18.70	20.70
10	64QAM	50	0	18.70	18.93	18.80	20.70
10	256QAM	1	0	16.70	16.82	16.71	18.70
10	256QAM	1	25	16.70	16.93	16.84	18.70
10	256QAM	1	49	16.76	17.00	16.78	18.70
10	256QAM	25	0	16.70	16.99	16.87	18.70
10	256QAM	25	12	16.72	16.75	16.71	18.70
10	256QAM	25	25	16.70	16.86	16.71	18.70
10	256QAM	50	0	16.73	16.93	16.79	18.70
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	19.76	19.88	19.84	21.50
5	QPSK	1	12	19.62	19.62	19.50	21.50
5	QPSK	1	24	19.50	19.73	19.52	21.50
5	QPSK	12	0	19.60	19.79	19.70	21.50
5	QPSK	12	7	19.51	19.74	19.51	21.50
5	QPSK	12	13	19.53	19.70	19.50	21.50
5	QPSK	25	0	19.62	19.61	19.51	21.50
5	16QAM	1	0	19.51	19.72	19.62	21.50
5	16QAM	1	12	19.50	19.69	19.51	21.50
5	16QAM	1	24	19.64	19.71	19.50	21.50
5	16QAM	12	0	19.51	19.71	19.51	21.50
5	16QAM	12	7	19.50	19.69	19.51	21.50
5	16QAM	12	13	19.50	19.81	19.55	21.50
5	16QAM	25	0	19.51	19.69	19.51	21.50
5	64QAM	1	0	19.50	19.71	19.51	21.50
5	64QAM	1	12	19.56	19.78	19.62	21.50
5	64QAM	1	24	19.68	19.59	19.52	21.50
5	64QAM	12	0	18.70	18.81	18.71	20.70
5	64QAM	12	7	18.71	18.84	18.71	20.70
5	64QAM	12	13	18.71	18.98	18.75	20.70
5	64QAM	25	0	18.73	18.95	18.87	20.70
5	256QAM	1	0	16.72	16.82	16.75	18.70
5	256QAM	1	12	16.70	16.97	16.73	18.70
5	256QAM	1	24	16.70	17.00	16.91	18.70
5	256QAM	12	0	16.70	16.91	16.85	18.70
5	256QAM	12	7	16.78	16.83	16.70	18.70
5	256QAM	12	13	16.75	16.94	16.76	18.70
5	256QAM	25	0	16.71	17.01	16.87	18.70