



FCC SAR TEST REPORT

Report No. : FA672112

15	64QAM	1	74	22.39	22.60	22.21	24.00
15	64QAM	36	0	21.53	21.60	21.38	23.00
15	64QAM	36	20	21.47	21.69	21.51	23.00
15	64QAM	36	39	21.49	21.54	21.41	23.00
15	64QAM	75	0	21.50	21.55	21.42	23.00
15	256QAM	1	0	19.28	19.41	19.22	21.00
15	256QAM	1	37	19.27	19.56	19.36	21.00
15	256QAM	1	74	19.39	19.45	19.29	21.00
15	256QAM	36	0	19.53	19.68	19.46	21.00
15	256QAM	36	20	19.50	19.72	19.54	21.00
15	256QAM	36	39	19.37	19.59	19.27	21.00
15	256QAM	75	0	19.37	19.53	19.40	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.91	23.02	22.82	24.00
10	QPSK	1	25	22.58	22.79	22.67	24.00
10	QPSK	1	49	22.65	22.76	22.47	24.00
10	QPSK	25	0	22.79	22.91	22.67	24.00
10	QPSK	25	12	22.67	22.91	22.62	24.00
10	QPSK	25	25	22.66	22.87	22.66	24.00
10	QPSK	50	0	22.63	22.93	22.67	24.00
10	16QAM	1	0	22.74	22.87	22.70	24.00
10	16QAM	1	25	22.69	22.74	22.55	24.00
10	16QAM	1	49	22.81	22.92	22.64	24.00
10	16QAM	25	0	22.58	22.63	22.54	24.00
10	16QAM	25	12	22.53	22.59	22.37	24.00
10	16QAM	25	25	22.49	22.67	22.44	24.00
10	16QAM	50	0	22.49	22.57	22.46	24.00
10	64QAM	1	0	22.43	22.54	22.53	24.00
10	64QAM	1	25	22.42	22.47	22.43	24.00
10	64QAM	1	49	22.29	22.53	22.24	24.00
10	64QAM	25	0	21.55	21.68	21.37	23.00
10	64QAM	25	12	21.47	21.61	21.48	23.00
10	64QAM	25	25	21.37	21.58	21.39	23.00
10	64QAM	50	0	21.55	21.68	21.39	23.00
10	256QAM	1	0	19.34	19.42	19.23	21.00
10	256QAM	1	25	19.36	19.49	19.37	21.00
10	256QAM	1	49	19.31	19.43	19.26	21.00
10	256QAM	25	0	19.59	19.67	19.42	21.00
10	256QAM	25	12	19.53	19.66	19.52	21.00
10	256QAM	25	25	19.30	19.51	19.34	21.00
10	256QAM	50	0	19.47	19.60	19.42	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.99	23.12	22.74	24.00
5	QPSK	1	12	22.70	22.86	22.60	24.00
5	QPSK	1	24	22.56	22.72	22.53	24.00
5	QPSK	12	0	22.79	23.03	22.63	24.00
5	QPSK	12	7	22.66	22.88	22.56	24.00
5	QPSK	12	13	22.74	22.83	22.61	24.00
5	QPSK	25	0	22.72	22.88	22.60	24.00
5	16QAM	1	0	22.78	23.01	22.62	24.00
5	16QAM	1	12	22.56	22.74	22.67	24.00
5	16QAM	1	24	22.84	22.92	22.71	24.00
5	16QAM	12	0	22.59	22.60	22.54	24.00
5	16QAM	12	7	22.42	22.66	22.42	24.00
5	16QAM	12	13	22.48	22.55	22.36	24.00
5	16QAM	25	0	22.49	22.57	22.50	24.00
5	64QAM	1	0	22.41	22.56	22.48	24.00
5	64QAM	1	12	22.36	22.48	22.38	24.00
5	64QAM	1	24	22.29	22.57	22.30	24.00
5	64QAM	12	0	21.50	21.64	21.31	23.00
5	64QAM	12	7	21.45	21.62	21.41	23.00
5	64QAM	12	13	21.48	21.60	21.40	23.00
5	64QAM	25	0	21.52	21.67	21.39	23.00
5	256QAM	1	0	19.21	19.48	19.24	21.00
5	256QAM	1	12	19.29	19.52	19.31	21.00
5	256QAM	1	24	19.40	19.44	19.27	21.00
5	256QAM	12	0	19.48	19.62	19.43	21.00
5	256QAM	12	7	19.52	19.72	19.48	21.00
5	256QAM	12	13	19.36	19.56	19.31	21.00
5	256QAM	25	0	19.39	19.56	19.43	21.00

**【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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.03	23.16	22.85	24.00
20	QPSK	1	49	22.72	22.79	22.72	24.00
20	QPSK	1	99	22.71	22.77	22.55	24.00
20	QPSK	50	0	22.92	23.06	22.74	24.00
20	QPSK	50	24	22.61	22.65	22.60	24.00
20	QPSK	50	50	22.60	22.64	22.61	24.00
20	QPSK	100	0	22.75	22.98	22.74	24.00
20	16QAM	1	0	22.80	23.02	22.75	24.00
20	16QAM	1	49	22.71	22.88	22.70	24.00
20	16QAM	1	99	22.91	22.96	22.76	24.00
20	16QAM	50	0	22.62	22.67	22.56	24.00
20	16QAM	50	24	22.55	22.71	22.47	24.00
20	16QAM	50	50	22.51	22.69	22.46	24.00
20	16QAM	100	0	22.60	22.65	22.52	24.00
20	64QAM	1	0	22.55	22.65	22.54	24.00
20	64QAM	1	49	22.46	22.61	22.47	24.00
20	64QAM	1	99	22.42	22.62	22.35	24.00
20	64QAM	50	0	21.57	21.70	21.41	23.00
20	64QAM	50	24	21.56	21.73	21.55	23.00
20	64QAM	50	50	21.51	21.69	21.46	23.00
20	64QAM	100	0	21.62	21.70	21.47	23.00
20	256QAM	1	0	19.36	19.53	19.33	21.00
20	256QAM	1	49	19.41	19.62	19.43	21.00
20	256QAM	1	99	19.43	19.57	19.35	21.00
20	256QAM	50	0	19.61	19.73	19.54	21.00
20	256QAM	50	24	19.61	19.76	19.62	21.00
20	256QAM	50	50	19.40	19.61	19.40	21.00
20	256QAM	100	0	19.52	19.64	19.53	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.99	23.09	22.76	24.00
15	QPSK	1	37	22.63	22.85	22.61	24.00
15	QPSK	1	74	22.64	22.84	22.53	24.00
15	QPSK	36	0	22.86	23.03	22.73	24.00
15	QPSK	36	20	22.74	22.81	22.68	24.00
15	QPSK	36	39	22.72	22.85	22.66	24.00
15	QPSK	75	0	22.65	22.97	22.72	24.00
15	16QAM	1	0	22.70	22.97	22.61	24.00
15	16QAM	1	37	22.61	22.84	22.66	24.00
15	16QAM	1	74	22.83	22.83	22.72	24.00
15	16QAM	36	0	22.49	22.56	22.46	24.00
15	16QAM	36	20	22.42	22.57	22.32	24.00
15	16QAM	36	39	22.40	22.65	22.37	24.00
15	16QAM	75	0	22.58	22.63	22.47	24.00
15	64QAM	1	0	22.48	22.64	22.48	24.00
15	64QAM	1	37	22.38	22.46	22.39	24.00
15	64QAM	1	74	22.39	22.60	22.21	24.00
15	64QAM	36	0	21.53	21.60	21.38	23.00
15	64QAM	36	20	21.47	21.69	21.51	23.00
15	64QAM	36	39	21.49	21.54	21.41	23.00
15	64QAM	75	0	21.50	21.55	21.42	23.00
15	256QAM	1	0	19.28	19.41	19.22	21.00
15	256QAM	1	37	19.27	19.56	19.36	21.00
15	256QAM	1	74	19.39	19.45	19.29	21.00
15	256QAM	36	0	19.53	19.68	19.46	21.00
15	256QAM	36	20	19.50	19.72	19.54	21.00
15	256QAM	36	39	19.37	19.59	19.27	21.00
15	256QAM	75	0	19.37	19.53	19.40	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.91	23.02	22.82	24.00
10	QPSK	1	25	22.58	22.79	22.67	24.00
10	QPSK	1	49	22.65	22.76	22.47	24.00
10	QPSK	25	0	22.79	22.91	22.67	24.00
10	QPSK	25	12	22.67	22.91	22.62	24.00
10	QPSK	25	25	22.66	22.87	22.66	24.00
10	QPSK	50	0	22.63	22.93	22.67	24.00
10	16QAM	1	0	22.74	22.87	22.70	24.00
10	16QAM	1	25	22.69	22.74	22.55	24.00
10	16QAM	1	49	22.81	22.92	22.64	24.00



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10	16QAM	25	0	22.58	22.63	22.54	24.00
10	16QAM	25	12	22.53	22.59	22.37	24.00
10	16QAM	25	25	22.49	22.67	22.44	24.00
10	16QAM	50	0	22.49	22.57	22.46	24.00
10	64QAM	1	0	22.43	22.54	22.53	24.00
10	64QAM	1	25	22.42	22.47	22.43	24.00
10	64QAM	1	49	22.29	22.53	22.24	24.00
10	64QAM	25	0	21.55	21.68	21.37	23.00
10	64QAM	25	12	21.47	21.61	21.48	23.00
10	64QAM	25	25	21.37	21.58	21.39	23.00
10	64QAM	50	0	21.55	21.68	21.39	23.00
10	256QAM	1	0	19.34	19.42	19.23	21.00
10	256QAM	1	25	19.36	19.49	19.37	21.00
10	256QAM	1	49	19.31	19.43	19.26	21.00
10	256QAM	25	0	19.59	19.67	19.42	21.00
10	256QAM	25	12	19.53	19.66	19.52	21.00
10	256QAM	25	25	19.30	19.51	19.34	21.00
10	256QAM	50	0	19.47	19.60	19.42	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.99	23.12	22.74	24.00
5	QPSK	1	12	22.70	22.86	22.60	24.00
5	QPSK	1	24	22.56	22.72	22.53	24.00
5	QPSK	12	0	22.79	23.03	22.63	24.00
5	QPSK	12	7	22.66	22.88	22.56	24.00
5	QPSK	12	13	22.74	22.83	22.61	24.00
5	QPSK	25	0	22.72	22.88	22.60	24.00
5	16QAM	1	0	22.78	23.01	22.62	24.00
5	16QAM	1	12	22.56	22.74	22.67	24.00
5	16QAM	1	24	22.84	22.92	22.71	24.00
5	16QAM	12	0	22.59	22.60	22.54	24.00
5	16QAM	12	7	22.42	22.66	22.42	24.00
5	16QAM	12	13	22.48	22.55	22.36	24.00
5	16QAM	25	0	22.49	22.57	22.50	24.00
5	64QAM	1	0	22.41	22.56	22.48	24.00
5	64QAM	1	12	22.36	22.48	22.38	24.00
5	64QAM	1	24	22.29	22.57	22.30	24.00
5	64QAM	12	0	21.50	21.64	21.31	23.00
5	64QAM	12	7	21.45	21.62	21.41	23.00
5	64QAM	12	13	21.48	21.60	21.40	23.00
5	64QAM	25	0	21.52	21.67	21.39	23.00
5	256QAM	1	0	19.21	19.48	19.24	21.00
5	256QAM	1	12	19.29	19.52	19.31	21.00
5	256QAM	1	24	19.40	19.44	19.27	21.00
5	256QAM	12	0	19.48	19.62	19.43	21.00
5	256QAM	12	7	19.52	19.72	19.48	21.00
5	256QAM	12	13	19.36	19.56	19.31	21.00
5	256QAM	25	0	19.39	19.56	19.43	21.00

【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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.03	23.16	22.85	24.00
20	QPSK	1	49	22.72	22.79	22.72	24.00
20	QPSK	1	99	22.71	22.77	22.55	24.00
20	QPSK	50	0	22.92	23.06	22.74	24.00
20	QPSK	50	24	22.61	22.65	22.60	24.00
20	QPSK	50	50	22.60	22.64	22.61	24.00
20	QPSK	100	0	22.75	22.98	22.74	24.00
20	16QAM	1	0	22.80	23.02	22.75	24.00
20	16QAM	1	49	22.71	22.88	22.70	24.00
20	16QAM	1	99	22.91	22.96	22.76	24.00
20	16QAM	50	0	22.62	22.67	22.56	24.00
20	16QAM	50	24	22.55	22.71	22.47	24.00
20	16QAM	50	50	22.51	22.69	22.46	24.00
20	16QAM	100	0	22.60	22.65	22.52	24.00
20	64QAM	1	0	22.55	22.65	22.54	24.00
20	64QAM	1	49	22.46	22.61	22.47	24.00
20	64QAM	1	99	22.42	22.62	22.35	24.00
20	64QAM	50	0	21.57	21.70	21.41	23.00
20	64QAM	50	24	21.56	21.73	21.55	23.00



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20	64QAM	50	50	21.51	21.69	21.46	23.00
20	64QAM	100	0	21.62	21.70	21.47	23.00
20	256QAM	1	0	19.36	19.53	19.33	21.00
20	256QAM	1	49	19.41	19.62	19.43	21.00
20	256QAM	1	99	19.43	19.57	19.35	21.00
20	256QAM	50	0	19.61	19.73	19.54	21.00
20	256QAM	50	24	19.61	19.76	19.62	21.00
20	256QAM	50	50	19.40	19.61	19.40	21.00
20	256QAM	100	0	19.52	19.64	19.53	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.99	23.09	22.76	24.00
15	QPSK	1	37	22.63	22.85	22.61	24.00
15	QPSK	1	74	22.64	22.84	22.53	24.00
15	QPSK	36	0	22.86	23.03	22.73	24.00
15	QPSK	36	20	22.74	22.81	22.68	24.00
15	QPSK	36	39	22.72	22.85	22.66	24.00
15	QPSK	75	0	22.65	22.97	22.72	24.00
15	16QAM	1	0	22.70	22.97	22.61	24.00
15	16QAM	1	37	22.61	22.84	22.66	24.00
15	16QAM	1	74	22.83	22.83	22.72	24.00
15	16QAM	36	0	22.49	22.56	22.46	24.00
15	16QAM	36	20	22.42	22.57	22.32	24.00
15	16QAM	36	39	22.40	22.65	22.37	24.00
15	16QAM	75	0	22.58	22.63	22.47	24.00
15	64QAM	1	0	22.48	22.64	22.48	24.00
15	64QAM	1	37	22.38	22.46	22.39	24.00
15	64QAM	1	74	22.39	22.60	22.21	24.00
15	64QAM	36	0	21.53	21.60	21.38	23.00
15	64QAM	36	20	21.47	21.69	21.51	23.00
15	64QAM	36	39	21.49	21.54	21.41	23.00
15	64QAM	75	0	21.50	21.55	21.42	23.00
15	256QAM	1	0	19.28	19.41	19.22	21.00
15	256QAM	1	37	19.27	19.56	19.36	21.00
15	256QAM	1	74	19.39	19.45	19.29	21.00
15	256QAM	36	0	19.53	19.68	19.46	21.00
15	256QAM	36	20	19.50	19.72	19.54	21.00
15	256QAM	36	39	19.37	19.59	19.27	21.00
15	256QAM	75	0	19.37	19.53	19.40	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.91	23.02	22.82	24.00
10	QPSK	1	25	22.58	22.79	22.67	24.00
10	QPSK	1	49	22.65	22.76	22.47	24.00
10	QPSK	25	0	22.79	22.91	22.67	24.00
10	QPSK	25	12	22.67	22.91	22.62	24.00
10	QPSK	25	25	22.66	22.87	22.66	24.00
10	QPSK	50	0	22.63	22.93	22.67	24.00
10	16QAM	1	0	22.74	22.87	22.70	24.00
10	16QAM	1	25	22.69	22.74	22.55	24.00
10	16QAM	1	49	22.81	22.92	22.64	24.00
10	16QAM	25	0	22.58	22.63	22.54	24.00
10	16QAM	25	12	22.53	22.59	22.37	24.00
10	16QAM	25	25	22.49	22.67	22.44	24.00
10	16QAM	50	0	22.49	22.57	22.46	24.00
10	64QAM	1	0	22.43	22.54	22.53	24.00
10	64QAM	1	25	22.42	22.47	22.43	24.00
10	64QAM	1	49	22.29	22.53	22.24	24.00
10	64QAM	25	0	21.55	21.68	21.37	23.00
10	64QAM	25	12	21.47	21.61	21.48	23.00
10	64QAM	25	25	21.37	21.58	21.39	23.00
10	64QAM	50	0	21.55	21.68	21.39	23.00
10	256QAM	1	0	19.34	19.42	19.23	21.00
10	256QAM	1	25	19.36	19.49	19.37	21.00
10	256QAM	1	49	19.31	19.43	19.26	21.00
10	256QAM	25	0	19.59	19.67	19.42	21.00
10	256QAM	25	12	19.53	19.66	19.52	21.00
10	256QAM	25	25	19.30	19.51	19.34	21.00
10	256QAM	50	0	19.47	19.60	19.42	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.99	23.12	22.74	24.00
5	QPSK	1	12	22.70	22.86	22.60	24.00
5	QPSK	1	24	22.56	22.72	22.53	24.00
5	QPSK	12	0	22.79	23.03	22.63	24.00
5	QPSK	12	7	22.66	22.88	22.56	24.00
5	QPSK	12	13	22.74	22.83	22.61	24.00
5	QPSK	25	0	22.72	22.88	22.60	24.00



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5	16QAM	1	0	22.78	23.01	22.62	24.00
5	16QAM	1	12	22.56	22.74	22.67	24.00
5	16QAM	1	24	22.84	22.92	22.71	24.00
5	16QAM	12	0	22.59	22.60	22.54	24.00
5	16QAM	12	7	22.42	22.66	22.42	24.00
5	16QAM	12	13	22.48	22.55	22.36	24.00
5	16QAM	25	0	22.49	22.57	22.50	24.00
5	64QAM	1	0	22.41	22.56	22.48	24.00
5	64QAM	1	12	22.36	22.48	22.38	24.00
5	64QAM	1	24	22.29	22.57	22.30	24.00
5	64QAM	12	0	21.50	21.64	21.31	23.00
5	64QAM	12	7	21.45	21.62	21.41	23.00
5	64QAM	12	13	21.48	21.60	21.40	23.00
5	64QAM	25	0	21.52	21.67	21.39	23.00
5	256QAM	1	0	19.21	19.48	19.24	21.00
5	256QAM	1	12	19.29	19.52	19.31	21.00
5	256QAM	1	24	19.40	19.44	19.27	21.00
5	256QAM	12	0	19.48	19.62	19.43	21.00
5	256QAM	12	7	19.52	19.72	19.48	21.00
5	256QAM	12	13	19.36	19.56	19.31	21.00
5	256QAM	25	0	19.39	19.56	19.43	21.00

【LTE Band 42 (96)_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.21	23.31	23.26	24.00
20	QPSK	1	49	23.10	23.15	23.05	24.00
20	QPSK	1	99	22.96	23.11	23.12	24.00
20	QPSK	50	0	23.17	23.29	23.13	24.00
20	QPSK	50	24	23.10	23.11	23.10	24.00
20	QPSK	50	50	22.96	23.05	22.97	24.00
20	QPSK	100	0	22.87	23.15	22.97	24.00
20	16QAM	1	0	22.93	23.12	22.97	24.00
20	16QAM	1	49	22.94	23.17	23.10	24.00
20	16QAM	1	99	23.04	23.14	23.06	24.00
20	16QAM	50	0	22.91	23.11	22.99	24.00
20	16QAM	50	24	22.90	23.01	23.00	24.00
20	16QAM	50	50	22.78	23.02	22.72	24.00
20	16QAM	100	0	22.78	22.99	22.76	24.00
20	64QAM	1	0	22.93	23.09	23.02	24.00
20	64QAM	1	49	22.94	23.15	23.09	24.00
20	64QAM	1	99	22.85	23.02	22.82	24.00
20	64QAM	50	0	22.02	22.22	21.99	23.00
20	64QAM	50	24	21.92	22.21	22.04	23.00
20	64QAM	50	50	21.88	22.10	21.89	23.00
20	64QAM	100	0	21.82	21.95	21.92	23.00
20	256QAM	1	0	19.72	20.00	19.75	21.00
20	256QAM	1	49	19.78	20.04	19.90	21.00
20	256QAM	1	99	19.67	19.79	19.71	21.00
20	256QAM	50	0	19.87	20.11	19.89	21.00
20	256QAM	50	24	19.84	20.09	19.98	21.00
20	256QAM	50	50	19.82	19.97	19.77	21.00
20	256QAM	100	0	19.77	20.00	19.89	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.20	23.23	23.19	24.00
15	QPSK	1	37	23.09	23.17	23.02	24.00
15	QPSK	1	74	22.86	23.15	23.06	24.00
15	QPSK	36	0	22.90	23.27	22.96	24.00
15	QPSK	36	20	23.00	23.05	23.09	24.00
15	QPSK	36	39	22.84	23.14	22.90	24.00
15	QPSK	75	0	22.77	23.14	22.86	24.00
15	16QAM	1	0	22.86	23.10	22.88	24.00
15	16QAM	1	37	22.91	23.04	22.99	24.00
15	16QAM	1	74	23.02	23.09	23.05	24.00
15	16QAM	36	0	22.80	22.98	22.93	24.00
15	16QAM	36	20	22.84	22.89	22.93	24.00
15	16QAM	36	39	22.68	22.96	22.68	24.00
15	16QAM	75	0	22.65	22.91	22.67	24.00
15	64QAM	1	0	22.88	22.99	22.95	24.00
15	64QAM	1	37	22.88	23.05	22.99	24.00



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15	64QAM	1	74	22.80	22.99	22.79	24.00
15	64QAM	36	0	21.87	22.07	21.95	23.00
15	64QAM	36	20	21.80	22.12	21.96	23.00
15	64QAM	36	39	21.79	22.03	21.87	23.00
15	64QAM	75	0	21.72	21.87	21.80	23.00
15	256QAM	1	0	19.66	19.99	19.62	21.00
15	256QAM	1	37	19.67	19.91	19.87	21.00
15	256QAM	1	74	19.59	19.69	19.60	21.00
15	256QAM	36	0	19.73	20.07	19.81	21.00
15	256QAM	36	20	19.71	20.02	19.90	21.00
15	256QAM	36	39	19.76	19.84	19.63	21.00
15	256QAM	75	0	19.64	19.86	19.76	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.20	23.19	23.13	24.00
10	QPSK	1	25	23.08	23.22	22.99	24.00
10	QPSK	1	49	22.92	23.04	23.09	24.00
10	QPSK	25	0	22.95	23.22	22.88	24.00
10	QPSK	25	12	22.99	23.14	23.06	24.00
10	QPSK	25	25	22.92	23.08	22.83	24.00
10	QPSK	50	0	22.78	23.06	22.85	24.00
10	16QAM	1	0	22.91	23.02	22.84	24.00
10	16QAM	1	25	22.84	23.09	22.98	24.00
10	16QAM	1	49	22.97	23.12	22.94	24.00
10	16QAM	25	0	22.89	23.08	22.98	24.00
10	16QAM	25	12	22.83	22.92	22.96	24.00
10	16QAM	25	25	22.70	23.00	22.57	24.00
10	16QAM	50	0	22.72	22.86	22.62	24.00
10	64QAM	1	0	22.89	23.08	22.98	24.00
10	64QAM	1	25	22.92	23.05	23.01	24.00
10	64QAM	1	49	22.80	22.99	22.76	24.00
10	64QAM	25	0	21.95	22.20	21.92	23.00
10	64QAM	25	12	21.82	22.16	21.95	23.00
10	64QAM	25	25	21.79	22.07	21.81	23.00
10	64QAM	50	0	21.73	21.93	21.83	23.00
10	256QAM	1	0	19.65	19.95	19.69	21.00
10	256QAM	1	25	19.74	19.96	19.80	21.00
10	256QAM	1	49	19.53	19.66	19.61	21.00
10	256QAM	25	0	19.82	19.99	19.88	21.00
10	256QAM	25	12	19.74	20.06	19.87	21.00
10	256QAM	25	25	19.81	19.89	19.71	21.00
10	256QAM	50	0	19.73	19.96	19.77	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.14	23.27	23.17	24.00
5	QPSK	1	12	23.05	23.25	22.98	24.00
5	QPSK	1	24	22.83	23.12	23.01	24.00
5	QPSK	12	0	22.94	23.18	22.94	24.00
5	QPSK	12	7	22.99	23.06	23.10	24.00
5	QPSK	12	13	22.86	23.09	22.95	24.00
5	QPSK	25	0	22.75	23.12	22.83	24.00
5	16QAM	1	0	22.90	23.03	22.91	24.00
5	16QAM	1	12	22.85	23.06	23.07	24.00
5	16QAM	1	24	23.03	23.04	22.93	24.00
5	16QAM	12	0	22.81	23.01	22.96	24.00
5	16QAM	12	7	22.86	22.96	22.86	24.00
5	16QAM	12	13	22.64	22.88	22.63	24.00
5	16QAM	25	0	22.71	22.98	22.62	24.00
5	64QAM	1	0	22.88	23.01	22.90	24.00
5	64QAM	1	12	22.83	23.06	23.06	24.00
5	64QAM	1	24	22.75	22.95	22.76	24.00
5	64QAM	12	0	21.93	22.17	21.90	23.00
5	64QAM	12	7	21.89	22.16	21.94	23.00
5	64QAM	12	13	21.83	22.00	21.77	23.00
5	64QAM	25	0	21.71	21.87	21.85	23.00
5	256QAM	1	0	19.67	19.98	19.72	21.00
5	256QAM	1	12	19.64	19.91	19.79	21.00
5	256QAM	1	24	19.54	19.66	19.60	21.00
5	256QAM	12	0	19.82	19.98	19.77	21.00
5	256QAM	12	7	19.72	20.05	19.91	21.00
5	256QAM	12	13	19.78	19.84	19.64	21.00
5	256QAM	25	0	19.64	19.86	19.84	21.00

**【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	20.70
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	19.29	19.33	19.29	20.70
20	QPSK	1	49	19.17	19.21	19.03	20.70
20	QPSK	1	99	19.14	19.19	19.21	20.70
20	QPSK	50	0	19.18	19.22	19.21	20.70
20	QPSK	50	24	19.15	19.11	19.16	20.70
20	QPSK	50	50	19.12	19.06	19.14	20.70
20	QPSK	100	0	19.15	19.15	19.09	20.70
20	16QAM	1	0	19.09	19.13	19.15	20.70
20	16QAM	1	49	19.12	19.20	19.06	20.70
20	16QAM	1	99	19.15	19.09	19.12	20.70
20	16QAM	50	0	19.09	19.19	19.06	20.70
20	16QAM	50	24	19.05	19.04	19.07	20.70
20	16QAM	50	50	19.15	19.08	19.18	20.70
20	16QAM	100	0	19.13	19.11	19.11	20.70
20	64QAM	1	0	19.03	19.12	19.04	20.70
20	64QAM	1	49	19.12	19.11	19.18	20.70
20	64QAM	1	99	19.06	19.14	19.12	20.70
20	64QAM	50	0	19.12	19.06	19.11	20.70
20	64QAM	50	24	19.12	19.22	19.15	20.70
20	64QAM	50	50	19.10	19.09	19.09	20.70
20	64QAM	100	0	19.13	19.07	19.03	20.70
20	256QAM	1	0	19.12	19.08	19.05	20.70
20	256QAM	1	49	19.16	19.05	19.05	20.70
20	256QAM	1	99	19.10	19.07	19.08	20.70
20	256QAM	50	0	19.15	19.10	19.08	20.70
20	256QAM	50	24	19.14	19.06	19.02	20.70
20	256QAM	50	50	19.13	19.12	19.09	20.70
20	256QAM	100	0	19.13	19.31	19.05	20.70
Channel				43165	43340	43515	20.70
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	19.19	19.23	19.21	20.70
15	QPSK	1	37	19.04	19.18	18.90	20.70
15	QPSK	1	74	19.06	19.17	19.07	20.70
15	QPSK	36	0	19.25	19.16	19.19	20.70
15	QPSK	36	20	19.07	18.97	19.09	20.70
15	QPSK	36	39	19.04	18.98	19.05	20.70
15	QPSK	75	0	19.08	19.13	18.98	20.70
15	16QAM	1	0	19.04	19.01	19.10	20.70
15	16QAM	1	37	19.09	19.10	18.92	20.70
15	16QAM	1	74	19.04	19.04	18.98	20.70
15	16QAM	36	0	19.06	19.14	18.91	20.70
15	16QAM	36	20	18.98	18.92	19.05	20.70
15	16QAM	36	39	19.07	18.99	19.13	20.70
15	16QAM	75	0	18.98	18.96	18.99	20.70
15	64QAM	1	0	18.93	19.06	18.94	20.70
15	64QAM	1	37	19.01	18.97	19.07	20.70
15	64QAM	1	74	18.95	19.09	19.01	20.70
15	64QAM	36	0	19.01	18.95	18.97	20.70
15	64QAM	36	20	19.04	19.10	19.14	20.70
15	64QAM	36	39	19.02	19.06	19.04	20.70
15	64QAM	75	0	19.00	19.03	18.94	20.70
15	256QAM	1	0	19.07	19.03	18.94	20.70
15	256QAM	1	37	19.02	19.03	19.02	20.70
15	256QAM	1	74	19.05	18.99	19.07	20.70
15	256QAM	36	0	19.07	18.95	18.99	20.70
15	256QAM	36	20	19.00	18.95	18.97	20.70
15	256QAM	36	39	18.99	19.11	19.06	20.70
15	256QAM	75	0	19.02	19.21	19.04	20.70
Channel				43140	43340	43540	20.70
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	19.23	19.32	19.28	20.70
10	QPSK	1	25	19.13	19.07	19.01	20.70
10	QPSK	1	49	19.02	19.17	19.07	20.70
10	QPSK	25	0	19.17	19.08	19.19	20.70
10	QPSK	25	12	19.06	19.01	19.14	20.70
10	QPSK	25	25	18.97	18.93	19.10	20.70
10	QPSK	50	0	19.12	19.05	18.99	20.70
10	16QAM	1	0	19.06	19.08	19.05	20.70
10	16QAM	1	25	19.01	19.13	18.94	20.70
10	16QAM	1	49	19.10	19.00	19.01	20.70



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10	16QAM	25	0	19.06	19.09	18.96	20.70
10	16QAM	25	12	18.91	18.96	18.99	20.70
10	16QAM	25	25	19.02	19.01	19.07	20.70
10	16QAM	50	0	19.03	19.09	19.03	20.70
10	64QAM	1	0	18.99	19.04	18.94	20.70
10	64QAM	1	25	18.99	19.05	19.11	20.70
10	64QAM	1	49	19.00	19.08	19.10	20.70
10	64QAM	25	0	18.98	19.01	19.05	20.70
10	64QAM	25	12	19.05	19.20	19.13	20.70
10	64QAM	25	25	18.96	18.98	19.06	20.70
10	64QAM	50	0	19.00	18.97	18.91	20.70
10	256QAM	1	0	18.99	19.07	19.04	20.70
10	256QAM	1	25	19.08	18.92	19.02	20.70
10	256QAM	1	49	18.97	18.92	18.95	20.70
10	256QAM	25	0	19.14	19.02	18.94	20.70
10	256QAM	25	12	19.01	18.93	18.93	20.70
10	256QAM	25	25	19.04	19.10	18.96	20.70
10	256QAM	50	0	19.05	19.28	19.01	20.70
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	19.29	19.31	19.18	20.70
5	QPSK	1	12	19.04	19.18	19.00	20.70
5	QPSK	1	24	18.99	19.11	19.17	20.70
5	QPSK	12	0	19.17	19.13	19.20	20.70
5	QPSK	12	7	19.01	19.05	19.08	20.70
5	QPSK	12	13	18.98	19.01	19.04	20.70
5	QPSK	25	0	19.04	19.04	19.01	20.70
5	16QAM	1	0	19.00	19.04	19.01	20.70
5	16QAM	1	12	19.10	19.13	18.95	20.70
5	16QAM	1	24	19.00	19.06	18.97	20.70
5	16QAM	12	0	18.96	19.12	18.94	20.70
5	16QAM	12	7	18.90	18.92	18.96	20.70
5	16QAM	12	13	19.10	18.98	19.04	20.70
5	16QAM	25	0	19.08	18.96	19.00	20.70
5	64QAM	1	0	18.92	19.05	19.00	20.70
5	64QAM	1	12	19.06	18.99	19.04	20.70
5	64QAM	1	24	18.99	19.01	18.98	20.70
5	64QAM	12	0	19.01	19.01	18.99	20.70
5	64QAM	12	7	19.04	19.13	19.04	20.70
5	64QAM	12	13	19.01	19.07	19.04	20.70
5	64QAM	25	0	19.09	18.99	18.98	20.70
5	256QAM	1	0	19.06	19.03	18.91	20.70
5	256QAM	1	12	19.08	18.97	18.91	20.70
5	256QAM	1	24	19.07	18.96	19.05	20.70
5	256QAM	12	0	19.02	18.98	19.03	20.70
5	256QAM	12	7	19.01	19.00	18.89	20.70
5	256QAM	12	13	19.01	19.03	19.02	20.70
5	256QAM	25	0	19.04	19.26	18.96	20.70

【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.79	20.77	20.81	22.40
20	QPSK	1	49	20.71	20.64	20.65	22.40
20	QPSK	1	99	20.67	20.61	20.75	22.40
20	QPSK	50	0	20.81	20.85	20.68	22.40
20	QPSK	50	24	20.65	20.60	20.61	22.40
20	QPSK	50	50	20.65	20.64	20.58	22.40
20	QPSK	100	0	20.69	20.73	20.59	22.40
20	16QAM	1	0	20.78	20.61	20.63	22.40
20	16QAM	1	49	20.64	20.61	20.66	22.40
20	16QAM	1	99	20.77	20.69	20.63	22.40
20	16QAM	50	0	20.66	20.72	20.70	22.40
20	16QAM	50	24	20.59	20.62	20.72	22.40
20	16QAM	50	50	20.67	20.65	20.64	22.40
20	16QAM	100	0	20.64	20.70	20.62	22.40
20	64QAM	1	0	20.64	20.63	20.59	22.40
20	64QAM	1	49	20.60	20.67	20.62	22.40
20	64QAM	1	99	20.62	20.60	20.62	22.40
20	64QAM	50	0	20.69	20.66	20.59	22.40
20	64QAM	50	24	20.64	20.67	20.57	22.40



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20	64QAM	50	50	20.64	20.66	20.63	22.40
20	64QAM	100	0	20.66	20.71	20.69	22.40
20	256QAM	1	0	19.37	19.49	19.43	21.00
20	256QAM	1	49	19.26	19.33	19.29	21.00
20	256QAM	1	99	19.29	19.33	19.36	21.00
20	256QAM	50	0	19.36	19.45	19.33	21.00
20	256QAM	50	24	19.35	19.23	19.29	21.00
20	256QAM	50	50	19.31	19.32	19.30	21.00
20	256QAM	100	0	19.36	19.38	19.21	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.72	20.67	20.73	22.40
15	QPSK	1	37	20.59	20.67	20.53	22.40
15	QPSK	1	74	20.62	20.72	20.69	22.40
15	QPSK	36	0	20.77	20.70	20.54	22.40
15	QPSK	36	20	20.55	20.54	20.48	22.40
15	QPSK	36	39	20.60	20.53	20.60	22.40
15	QPSK	75	0	20.59	20.65	20.53	22.40
15	16QAM	1	0	20.69	20.50	20.54	22.40
15	16QAM	1	37	20.60	20.56	20.62	22.40
15	16QAM	1	74	20.68	20.63	20.53	22.40
15	16QAM	36	0	20.63	20.62	20.67	22.40
15	16QAM	36	20	20.49	20.59	20.61	22.40
15	16QAM	36	39	20.63	20.53	20.61	22.40
15	16QAM	75	0	20.59	20.58	20.50	22.40
15	64QAM	1	0	20.52	20.51	20.49	22.40
15	64QAM	1	37	20.49	20.58	20.59	22.40
15	64QAM	1	74	20.51	20.46	20.60	22.40
15	64QAM	36	0	20.57	20.55	20.49	22.40
15	64QAM	36	20	20.53	20.60	20.56	22.40
15	64QAM	36	39	20.54	20.58	20.63	22.40
15	64QAM	75	0	20.58	20.64	20.56	22.40
15	256QAM	1	0	19.09	19.09	19.05	21.00
15	256QAM	1	37	19.10	19.05	19.09	21.00
15	256QAM	1	74	19.13	19.04	19.04	21.00
15	256QAM	36	0	19.08	19.03	19.13	21.00
15	256QAM	36	20	19.13	19.12	19.08	21.00
15	256QAM	36	39	19.09	19.10	19.12	21.00
15	256QAM	75	0	19.14	19.05	19.06	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	20.69	20.74	20.71	22.40
10	QPSK	1	25	20.61	20.65	20.63	22.40
10	QPSK	1	49	20.57	20.61	20.73	22.40
10	QPSK	25	0	20.68	20.76	20.56	22.40
10	QPSK	25	12	20.55	20.58	20.56	22.40
10	QPSK	25	25	20.52	20.60	20.51	22.40
10	QPSK	50	0	20.59	20.71	20.54	22.40
10	16QAM	1	0	20.63	20.47	20.51	22.40
10	16QAM	1	25	20.62	20.53	20.58	22.40
10	16QAM	1	49	20.70	20.57	20.61	22.40
10	16QAM	25	0	20.55	20.62	20.67	22.40
10	16QAM	25	12	20.44	20.48	20.68	22.40
10	16QAM	25	25	20.62	20.51	20.49	22.40
10	16QAM	50	0	20.57	20.68	20.52	22.40
10	64QAM	1	0	20.58	20.62	20.50	22.40
10	64QAM	1	25	20.58	20.57	20.50	22.40
10	64QAM	1	49	20.50	20.58	20.53	22.40
10	64QAM	25	0	20.57	20.59	20.54	22.40
10	64QAM	25	12	20.62	20.58	20.53	22.40
10	64QAM	25	25	20.60	20.59	20.52	22.40
10	64QAM	50	0	20.61	20.65	20.60	22.40
10	256QAM	1	0	19.01	19.06	19.08	21.00
10	256QAM	1	25	19.14	19.00	19.01	21.00
10	256QAM	1	49	19.14	19.05	19.07	21.00
10	256QAM	25	0	19.00	19.00	19.07	21.00
10	256QAM	25	12	19.02	19.03	19.13	21.00
10	256QAM	25	25	19.15	19.09	19.15	21.00
10	256QAM	50	0	19.12	19.14	19.02	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	20.67	20.68	20.69	22.40
5	QPSK	1	12	20.60	20.73	20.51	22.40
5	QPSK	1	24	20.56	20.71	20.65	22.40
5	QPSK	12	0	20.69	20.74	20.60	22.40
5	QPSK	12	7	20.50	20.56	20.57	22.40
5	QPSK	12	13	20.58	20.53	20.60	22.40
5	QPSK	25	0	20.64	20.63	20.48	22.40



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5	16QAM	1	0	20.77	20.57	20.51	22.40
5	16QAM	1	12	20.51	20.48	20.61	22.40
5	16QAM	1	24	20.71	20.67	20.48	22.40
5	16QAM	12	0	20.51	20.68	20.55	22.40
5	16QAM	12	7	20.49	20.56	20.58	22.40
5	16QAM	12	13	20.65	20.62	20.49	22.40
5	16QAM	25	0	20.56	20.58	20.56	22.40
5	64QAM	1	0	20.56	20.57	20.55	22.40
5	64QAM	1	12	20.45	20.58	20.55	22.40
5	64QAM	1	24	20.55	20.48	20.49	22.40
5	64QAM	12	0	20.58	20.56	20.52	22.40
5	64QAM	12	7	20.61	20.66	20.53	22.40
5	64QAM	12	13	20.61	20.55	20.53	22.40
5	64QAM	25	0	20.51	20.64	20.54	22.40
5	256QAM	1	0	19.08	19.02	19.07	21.00
5	256QAM	1	12	19.07	19.02	19.13	21.00
5	256QAM	1	24	19.11	19.02	19.08	21.00
5	256QAM	12	0	19.03	19.01	19.02	21.00
5	256QAM	12	7	19.03	19.06	19.04	21.00
5	256QAM	12	13	19.12	19.03	19.12	21.00
5	256QAM	25	0	19.06	19.05	19.12	21.00

【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	18.81	18.91	18.81	20.60
20	QPSK	1	49	18.71	18.67	18.72	20.60
20	QPSK	1	99	18.75	18.73	18.67	20.60
20	QPSK	50	0	18.86	18.85	18.84	20.60
20	QPSK	50	24	18.75	18.62	18.72	20.60
20	QPSK	50	50	18.63	18.72	18.65	20.60
20	QPSK	100	0	18.77	18.84	18.65	20.60
20	16QAM	1	0	18.69	18.75	18.68	20.60
20	16QAM	1	49	18.72	18.71	18.71	20.60
20	16QAM	1	99	18.81	18.76	18.75	20.60
20	16QAM	50	0	18.79	18.73	18.75	20.60
20	16QAM	50	24	18.71	18.72	18.76	20.60
20	16QAM	50	50	18.71	18.61	18.62	20.60
20	16QAM	100	0	18.67	18.67	18.62	20.60
20	64QAM	1	0	18.67	18.76	18.71	20.60
20	64QAM	1	49	18.67	18.75	18.71	20.60
20	64QAM	1	99	18.77	18.75	18.66	20.60
20	64QAM	50	0	18.67	18.70	18.77	20.60
20	64QAM	50	24	18.76	18.77	18.67	20.60
20	64QAM	50	50	18.83	18.65	18.73	20.60
20	64QAM	100	0	18.63	18.74	18.67	20.60
20	256QAM	1	0	18.79	18.70	18.73	20.60
20	256QAM	1	49	18.79	18.70	18.78	20.60
20	256QAM	1	99	18.63	18.72	18.68	20.60
20	256QAM	50	0	18.71	18.81	18.66	20.60
20	256QAM	50	24	18.78	18.71	18.65	20.60
20	256QAM	50	50	18.72	18.67	18.70	20.60
20	256QAM	100	0	18.81	18.89	18.81	20.60
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	18.71	18.77	18.72	20.60
15	QPSK	1	37	18.68	18.60	18.68	20.60
15	QPSK	1	74	18.67	18.63	18.63	20.60
15	QPSK	36	0	18.83	18.72	18.70	20.60
15	QPSK	36	20	18.63	18.66	18.65	20.60
15	QPSK	36	39	18.66	18.67	18.67	20.60
15	QPSK	75	0	18.75	18.83	18.63	20.60
15	16QAM	1	0	18.66	18.63	18.62	20.60
15	16QAM	1	37	18.66	18.62	18.71	20.60
15	16QAM	1	74	18.68	18.63	18.65	20.60
15	16QAM	36	0	18.75	18.70	18.70	20.60
15	16QAM	36	20	18.72	18.68	18.66	20.60
15	16QAM	36	39	18.62	18.63	18.75	20.60
15	16QAM	75	0	18.66	18.65	18.61	20.60
15	64QAM	1	0	18.74	18.69	18.71	20.60
15	64QAM	1	37	18.64	18.65	18.70	20.60



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15	64QAM	1	74	18.69	18.64	18.69	20.60
15	64QAM	36	0	18.63	18.63	18.63	20.60
15	64QAM	36	20	18.69	18.65	18.74	20.60
15	64QAM	36	39	18.77	18.72	18.69	20.60
15	64QAM	75	0	18.68	18.71	18.74	20.60
15	256QAM	1	0	18.73	18.67	18.63	20.60
15	256QAM	1	37	18.78	18.68	18.76	20.60
15	256QAM	1	74	18.64	18.70	18.62	20.60
15	256QAM	36	0	18.70	18.73	18.74	20.60
15	256QAM	36	20	18.64	18.68	18.68	20.60
15	256QAM	36	39	18.63	18.64	18.63	20.60
15	256QAM	75	0	18.78	18.88	18.70	20.60
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	18.76	18.88	18.77	20.60
10	QPSK	1	25	18.67	18.65	18.60	20.60
10	QPSK	1	49	18.65	18.68	18.61	20.60
10	QPSK	25	0	18.71	18.78	18.82	20.60
10	QPSK	25	12	18.69	18.60	18.62	20.60
10	QPSK	25	25	18.64	18.66	18.65	20.60
10	QPSK	50	0	18.65	18.77	18.64	20.60
10	16QAM	1	0	18.66	18.67	18.70	20.60
10	16QAM	1	25	18.60	18.73	18.68	20.60
10	16QAM	1	49	18.65	18.62	18.67	20.60
10	16QAM	25	0	18.64	18.65	18.73	20.60
10	16QAM	25	12	18.67	18.65	18.66	20.60
10	16QAM	25	25	18.64	18.66	18.70	20.60
10	16QAM	50	0	18.70	18.64	18.64	20.60
10	64QAM	1	0	18.73	18.68	18.70	20.60
10	64QAM	1	25	18.60	18.61	18.66	20.60
10	64QAM	1	49	18.67	18.69	18.62	20.60
10	64QAM	25	0	18.64	18.64	18.69	20.60
10	64QAM	25	12	18.61	18.66	18.62	20.60
10	64QAM	25	25	18.66	18.69	18.63	20.60
10	64QAM	50	0	18.62	18.70	18.74	20.60
10	256QAM	1	0	18.64	18.68	18.71	20.60
10	256QAM	1	25	18.71	18.64	18.70	20.60
10	256QAM	1	49	18.61	18.66	18.64	20.60
10	256QAM	25	0	18.62	18.80	18.63	20.60
10	256QAM	25	12	18.67	18.64	18.65	20.60
10	256QAM	25	25	18.70	18.75	18.62	20.60
10	256QAM	50	0	18.79	18.79	18.72	20.60
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	18.71	18.77	18.70	20.60
5	QPSK	1	12	18.64	18.67	18.62	20.60
5	QPSK	1	24	18.68	18.67	18.75	20.60
5	QPSK	12	0	18.71	18.80	18.82	20.60
5	QPSK	12	7	18.60	18.72	18.63	20.60
5	QPSK	12	13	18.65	18.70	18.66	20.60
5	QPSK	25	0	18.67	18.79	18.74	20.60
5	16QAM	1	0	18.61	18.74	18.66	20.60
5	16QAM	1	12	18.63	18.74	18.69	20.60
5	16QAM	1	24	18.63	18.64	18.64	20.60
5	16QAM	12	0	18.67	18.67	18.67	20.60
5	16QAM	12	7	18.71	18.70	18.66	20.60
5	16QAM	12	13	18.64	18.65	18.62	20.60
5	16QAM	25	0	18.68	18.65	18.62	20.60
5	64QAM	1	0	18.68	18.63	18.61	20.60
5	64QAM	1	12	18.69	18.66	18.61	20.60
5	64QAM	1	24	18.64	18.71	18.63	20.60
5	64QAM	12	0	18.69	18.68	18.62	20.60
5	64QAM	12	7	18.70	18.66	18.66	20.60
5	64QAM	12	13	18.75	18.61	18.65	20.60
5	64QAM	25	0	18.72	18.69	18.69	20.60
5	256QAM	1	0	18.73	18.68	18.66	20.60
5	256QAM	1	12	18.65	18.61	18.67	20.60
5	256QAM	1	24	18.66	18.61	18.67	20.60
5	256QAM	12	0	18.72	18.80	18.66	20.60
5	256QAM	12	7	18.68	18.69	18.68	20.60
5	256QAM	12	13	18.69	18.64	18.63	20.60
5	256QAM	25	0	18.71	18.75	18.77	20.60

**【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.79	20.77	20.81	22.30
20	QPSK	1	49	20.71	20.65	20.65	22.30
20	QPSK	1	99	20.67	20.61	20.75	22.30
20	QPSK	50	0	20.81	20.85	20.68	22.30
20	QPSK	50	24	20.65	20.60	20.61	22.30
20	QPSK	50	50	20.65	20.64	20.58	22.30
20	QPSK	100	0	20.69	20.73	20.59	22.30
20	16QAM	1	0	20.78	20.61	20.63	22.30
20	16QAM	1	49	20.64	20.61	20.66	22.30
20	16QAM	1	99	20.77	20.69	20.63	22.30
20	16QAM	50	0	20.66	20.72	20.70	22.30
20	16QAM	50	24	20.59	20.62	20.72	22.30
20	16QAM	50	50	20.67	20.65	20.64	22.30
20	16QAM	100	0	20.64	20.70	20.62	22.30
20	64QAM	1	0	20.64	20.63	20.59	22.30
20	64QAM	1	49	20.60	20.67	20.62	22.30
20	64QAM	1	99	20.62	20.60	20.62	22.30
20	64QAM	50	0	20.69	20.66	20.59	22.30
20	64QAM	50	24	20.64	20.67	20.57	22.30
20	64QAM	50	50	20.64	20.66	20.63	22.30
20	64QAM	100	0	20.66	20.71	20.69	22.30
20	256QAM	1	0	19.37	19.49	19.43	21.00
20	256QAM	1	49	19.26	19.33	19.29	21.00
20	256QAM	1	99	19.29	19.33	19.36	21.00
20	256QAM	50	0	19.36	19.45	19.33	21.00
20	256QAM	50	24	19.35	19.23	19.29	21.00
20	256QAM	50	50	19.31	19.32	19.30	21.00
20	256QAM	100	0	19.36	19.38	19.21	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.72	20.67	20.73	22.30
15	QPSK	1	37	20.59	20.67	20.53	22.30
15	QPSK	1	74	20.62	20.72	20.69	22.30
15	QPSK	36	0	20.77	20.70	20.54	22.30
15	QPSK	36	20	20.55	20.54	20.48	22.30
15	QPSK	36	39	20.60	20.53	20.60	22.30
15	QPSK	75	0	20.59	20.65	20.53	22.30
15	16QAM	1	0	20.69	20.50	20.54	22.30
15	16QAM	1	37	20.60	20.56	20.62	22.30
15	16QAM	1	74	20.68	20.63	20.53	22.30
15	16QAM	36	0	20.63	20.62	20.67	22.30
15	16QAM	36	20	20.49	20.59	20.61	22.30
15	16QAM	36	39	20.63	20.53	20.61	22.30
15	16QAM	75	0	20.59	20.58	20.50	22.30
15	64QAM	1	0	20.52	20.51	20.49	22.30
15	64QAM	1	37	20.49	20.58	20.59	22.30
15	64QAM	1	74	20.51	20.46	20.60	22.30
15	64QAM	36	0	20.57	20.55	20.49	22.30
15	64QAM	36	20	20.53	20.60	20.56	22.30
15	64QAM	36	39	20.54	20.58	20.63	22.30
15	64QAM	75	0	20.58	20.64	20.56	22.30
15	256QAM	1	0	19.09	19.09	19.05	21.00
15	256QAM	1	37	19.10	19.05	19.09	21.00
15	256QAM	1	74	19.13	19.04	19.04	21.00
15	256QAM	36	0	19.08	19.03	19.13	21.00
15	256QAM	36	20	19.13	19.12	19.08	21.00
15	256QAM	36	39	19.09	19.10	19.12	21.00
15	256QAM	75	0	19.14	19.05	19.06	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	20.69	20.74	20.71	22.30
10	QPSK	1	25	20.61	20.65	20.63	22.30
10	QPSK	1	49	20.57	20.61	20.73	22.30
10	QPSK	25	0	20.68	20.76	20.56	22.30
10	QPSK	25	12	20.55	20.58	20.56	22.30
10	QPSK	25	25	20.52	20.60	20.51	22.30
10	QPSK	50	0	20.59	20.71	20.54	22.30
10	16QAM	1	0	20.63	20.47	20.51	22.30
10	16QAM	1	25	20.62	20.53	20.58	22.30
10	16QAM	1	49	20.70	20.57	20.61	22.30



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10	16QAM	25	0	20.55	20.62	20.67	22.30
10	16QAM	25	12	20.44	20.48	20.68	22.30
10	16QAM	25	25	20.62	20.51	20.49	22.30
10	16QAM	50	0	20.57	20.68	20.52	22.30
10	64QAM	1	0	20.58	20.62	20.50	22.30
10	64QAM	1	25	20.58	20.57	20.50	22.30
10	64QAM	1	49	20.50	20.58	20.53	22.30
10	64QAM	25	0	20.57	20.59	20.54	22.30
10	64QAM	25	12	20.62	20.58	20.53	22.30
10	64QAM	25	25	20.60	20.59	20.52	22.30
10	64QAM	50	0	20.61	20.65	20.60	22.30
10	256QAM	1	0	19.01	19.06	19.08	21.00
10	256QAM	1	25	19.14	19.00	19.01	21.00
10	256QAM	1	49	19.14	19.05	19.07	21.00
10	256QAM	25	0	19.00	19.00	19.07	21.00
10	256QAM	25	12	19.02	19.03	19.13	21.00
10	256QAM	25	25	19.15	19.09	19.15	21.00
10	256QAM	50	0	19.12	19.14	19.02	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	20.67	20.68	20.69	22.30
5	QPSK	1	12	20.60	20.73	20.51	22.30
5	QPSK	1	24	20.56	20.71	20.65	22.30
5	QPSK	12	0	20.69	20.74	20.60	22.30
5	QPSK	12	7	20.50	20.56	20.57	22.30
5	QPSK	12	13	20.58	20.53	20.60	22.30
5	QPSK	25	0	20.64	20.63	20.48	22.30
5	16QAM	1	0	20.77	20.57	20.51	22.30
5	16QAM	1	12	20.51	20.48	20.61	22.30
5	16QAM	1	24	20.71	20.67	20.48	22.30
5	16QAM	12	0	20.51	20.68	20.55	22.30
5	16QAM	12	7	20.49	20.56	20.58	22.30
5	16QAM	12	13	20.65	20.62	20.49	22.30
5	16QAM	25	0	20.56	20.58	20.56	22.30
5	64QAM	1	0	20.56	20.57	20.55	22.30
5	64QAM	1	12	20.45	20.58	20.55	22.30
5	64QAM	1	24	20.55	20.48	20.49	22.30
5	64QAM	12	0	20.58	20.56	20.52	22.30
5	64QAM	12	7	20.61	20.66	20.53	22.30
5	64QAM	12	13	20.61	20.55	20.53	22.30
5	64QAM	25	0	20.51	20.64	20.54	22.30
5	256QAM	1	0	19.08	19.02	19.07	21.00
5	256QAM	1	12	19.07	19.02	19.13	21.00
5	256QAM	1	24	19.11	19.02	19.08	21.00
5	256QAM	12	0	19.03	19.01	19.02	21.00
5	256QAM	12	7	19.03	19.06	19.04	21.00
5	256QAM	12	13	19.12	19.03	19.12	21.00
5	256QAM	25	0	19.06	19.05	19.12	21.00

【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.21	23.31	23.26	24.00
20	QPSK	1	49	23.10	23.15	23.05	24.00
20	QPSK	1	99	22.96	23.11	23.12	24.00
20	QPSK	50	0	23.17	23.29	23.13	24.00
20	QPSK	50	24	23.10	23.11	23.10	24.00
20	QPSK	50	50	22.96	23.05	22.97	24.00
20	QPSK	100	0	22.87	23.15	22.97	24.00
20	16QAM	1	0	22.93	23.12	22.97	24.00
20	16QAM	1	49	22.94	23.17	23.10	24.00
20	16QAM	1	99	23.04	23.14	23.06	24.00
20	16QAM	50	0	22.91	23.11	22.99	24.00
20	16QAM	50	24	22.90	23.01	23.00	24.00
20	16QAM	50	50	22.78	23.02	22.72	24.00
20	16QAM	100	0	22.78	22.99	22.76	24.00
20	64QAM	1	0	22.93	23.09	23.02	24.00
20	64QAM	1	49	22.94	23.15	23.09	24.00
20	64QAM	1	99	22.85	23.02	22.82	24.00
20	64QAM	50	0	22.02	22.22	21.99	23.00
20	64QAM	50	24	21.92	22.21	22.04	23.00



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20	64QAM	50	50	21.88	22.10	21.89	23.00
20	64QAM	100	0	21.82	21.95	21.92	23.00
20	256QAM	1	0	19.72	20.00	19.75	21.00
20	256QAM	1	49	19.78	20.04	19.90	21.00
20	256QAM	1	99	19.67	19.79	19.71	21.00
20	256QAM	50	0	19.87	20.11	19.89	21.00
20	256QAM	50	24	19.84	20.09	19.98	21.00
20	256QAM	50	50	19.82	19.97	19.77	21.00
20	256QAM	100	0	19.77	20.00	19.89	21.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	23.20	23.23	23.19	24.00
15	QPSK	1	37	23.09	23.17	23.02	24.00
15	QPSK	1	74	22.86	23.15	23.06	24.00
15	QPSK	36	0	22.90	23.27	22.96	24.00
15	QPSK	36	20	23.00	23.05	23.09	24.00
15	QPSK	36	39	22.84	23.14	22.90	24.00
15	QPSK	75	0	22.77	23.14	22.86	24.00
15	16QAM	1	0	22.86	23.10	22.88	24.00
15	16QAM	1	37	22.91	23.04	22.99	24.00
15	16QAM	1	74	23.02	23.09	23.05	24.00
15	16QAM	36	0	22.80	22.98	22.93	24.00
15	16QAM	36	20	22.84	22.89	22.93	24.00
15	16QAM	36	39	22.68	22.96	22.68	24.00
15	16QAM	75	0	22.65	22.91	22.67	24.00
15	64QAM	1	0	22.88	22.99	22.95	24.00
15	64QAM	1	37	22.88	23.05	22.99	24.00
15	64QAM	1	74	22.80	22.99	22.79	24.00
15	64QAM	36	0	21.87	22.07	21.95	23.00
15	64QAM	36	20	21.80	22.12	21.96	23.00
15	64QAM	36	39	21.79	22.03	21.87	23.00
15	64QAM	75	0	21.72	21.87	21.80	23.00
15	256QAM	1	0	19.66	19.99	19.62	21.00
15	256QAM	1	37	19.67	19.91	19.87	21.00
15	256QAM	1	74	19.59	19.69	19.60	21.00
15	256QAM	36	0	19.73	20.07	19.81	21.00
15	256QAM	36	20	19.71	20.02	19.90	21.00
15	256QAM	36	39	19.76	19.84	19.63	21.00
15	256QAM	75	0	19.64	19.86	19.76	21.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	23.20	23.19	23.13	24.00
10	QPSK	1	25	23.08	23.22	22.99	24.00
10	QPSK	1	49	22.92	23.04	23.09	24.00
10	QPSK	25	0	22.95	23.22	22.88	24.00
10	QPSK	25	12	22.99	23.14	23.06	24.00
10	QPSK	25	25	22.92	23.08	22.83	24.00
10	QPSK	50	0	22.78	23.06	22.85	24.00
10	16QAM	1	0	22.91	23.02	22.84	24.00
10	16QAM	1	25	22.84	23.09	22.98	24.00
10	16QAM	1	49	22.97	23.12	22.94	24.00
10	16QAM	25	0	22.89	23.08	22.98	24.00
10	16QAM	25	12	22.83	22.92	22.96	24.00
10	16QAM	25	25	22.70	23.00	22.57	24.00
10	16QAM	50	0	22.72	22.86	22.62	24.00
10	64QAM	1	0	22.89	23.08	22.98	24.00
10	64QAM	1	25	22.92	23.05	23.01	24.00
10	64QAM	1	49	22.80	22.99	22.76	24.00
10	64QAM	25	0	21.95	22.20	21.92	23.00
10	64QAM	25	12	21.82	22.16	21.95	23.00
10	64QAM	25	25	21.79	22.07	21.81	23.00
10	64QAM	50	0	21.73	21.93	21.83	23.00
10	256QAM	1	0	19.65	19.95	19.69	21.00
10	256QAM	1	25	19.74	19.96	19.80	21.00
10	256QAM	1	49	19.53	19.66	19.61	21.00
10	256QAM	25	0	19.82	19.99	19.88	21.00
10	256QAM	25	12	19.74	20.06	19.87	21.00
10	256QAM	25	25	19.81	19.89	19.71	21.00
10	256QAM	50	0	19.73	19.96	19.77	21.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	23.14	23.27	23.17	24.00
5	QPSK	1	12	23.05	23.25	22.98	24.00
5	QPSK	1	24	22.83	23.12	23.01	24.00
5	QPSK	12	0	22.94	23.18	22.94	24.00
5	QPSK	12	7	22.99	23.06	23.10	24.00
5	QPSK	12	13	22.86	23.09	22.95	24.00
5	QPSK	25	0	22.75	23.12	22.83	24.00



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5	16QAM	1	0	22.90	23.03	22.91	24.00
5	16QAM	1	12	22.85	23.06	23.07	24.00
5	16QAM	1	24	23.03	23.04	22.93	24.00
5	16QAM	12	0	22.81	23.01	22.96	24.00
5	16QAM	12	7	22.86	22.96	22.86	24.00
5	16QAM	12	13	22.64	22.88	22.63	24.00
5	16QAM	25	0	22.71	22.98	22.62	24.00
5	64QAM	1	0	22.88	23.01	22.90	24.00
5	64QAM	1	12	22.83	23.06	23.06	24.00
5	64QAM	1	24	22.75	22.95	22.76	24.00
5	64QAM	12	0	21.93	22.17	21.90	23.00
5	64QAM	12	7	21.89	22.16	21.94	23.00
5	64QAM	12	13	21.83	22.00	21.77	23.00
5	64QAM	25	0	21.71	21.87	21.85	23.00
5	256QAM	1	0	19.67	19.98	19.72	21.00
5	256QAM	1	12	19.64	19.91	19.79	21.00
5	256QAM	1	24	19.54	19.66	19.60	21.00
5	256QAM	12	0	19.82	19.98	19.77	21.00
5	256QAM	12	7	19.72	20.05	19.91	21.00
5	256QAM	12	13	19.78	19.84	19.64	21.00
5	256QAM	25	0	19.64	19.86	19.84	21.00

【LTE Band 42 (96)_Ant 2_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.21	23.31	23.26	24.00
20	QPSK	1	49	23.10	23.15	23.05	24.00
20	QPSK	1	99	22.96	23.11	23.12	24.00
20	QPSK	50	0	23.17	23.29	23.13	24.00
20	QPSK	50	24	23.10	23.11	23.10	24.00
20	QPSK	50	50	22.96	23.05	22.97	24.00
20	QPSK	100	0	22.87	23.15	22.97	24.00
20	16QAM	1	0	22.93	23.12	22.97	24.00
20	16QAM	1	49	22.94	23.17	23.10	24.00
20	16QAM	1	99	23.04	23.14	23.06	24.00
20	16QAM	50	0	22.91	23.11	22.99	24.00
20	16QAM	50	24	22.90	23.01	23.00	24.00
20	16QAM	50	50	22.78	23.02	22.72	24.00
20	16QAM	100	0	22.78	22.99	22.76	24.00
20	64QAM	1	0	22.93	23.09	23.02	24.00
20	64QAM	1	49	22.94	23.15	23.09	24.00
20	64QAM	1	99	22.85	23.02	22.82	24.00
20	64QAM	50	0	22.02	22.22	21.99	23.00
20	64QAM	50	24	21.92	22.21	22.04	23.00
20	64QAM	50	50	21.88	22.10	21.89	23.00
20	64QAM	100	0	21.82	21.95	21.92	23.00
20	256QAM	1	0	19.72	20.00	19.75	21.00
20	256QAM	1	49	19.78	20.04	19.90	21.00
20	256QAM	1	99	19.67	19.79	19.71	21.00
20	256QAM	50	0	19.87	20.11	19.89	21.00
20	256QAM	50	24	19.84	20.09	19.98	21.00
20	256QAM	50	50	19.82	19.97	19.77	21.00
20	256QAM	100	0	19.77	20.00	19.89	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.20	23.23	23.19	24.00
15	QPSK	1	37	23.09	23.17	23.02	24.00
15	QPSK	1	74	22.86	23.15	23.06	24.00
15	QPSK	36	0	22.90	23.27	22.96	24.00
15	QPSK	36	20	23.00	23.05	23.09	24.00
15	QPSK	36	39	22.84	23.14	22.90	24.00
15	QPSK	75	0	22.77	23.14	22.86	24.00
15	16QAM	1	0	22.86	23.10	22.88	24.00
15	16QAM	1	37	22.91	23.04	22.99	24.00
15	16QAM	1	74	23.02	23.09	23.05	24.00
15	16QAM	36	0	22.80	22.98	22.93	24.00
15	16QAM	36	20	22.84	22.89	22.93	24.00
15	16QAM	36	39	22.68	22.96	22.68	24.00
15	16QAM	75	0	22.65	22.91	22.67	24.00
15	64QAM	1	0	22.88	22.99	22.95	24.00
15	64QAM	1	37	22.88	23.05	22.99	24.00



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15	64QAM	1	74	22.80	22.99	22.79	24.00
15	64QAM	36	0	21.87	22.07	21.95	23.00
15	64QAM	36	20	21.80	22.12	21.96	23.00
15	64QAM	36	39	21.79	22.03	21.87	23.00
15	64QAM	75	0	21.72	21.87	21.80	23.00
15	256QAM	1	0	19.66	19.99	19.62	21.00
15	256QAM	1	37	19.67	19.91	19.87	21.00
15	256QAM	1	74	19.59	19.69	19.60	21.00
15	256QAM	36	0	19.73	20.07	19.81	21.00
15	256QAM	36	20	19.71	20.02	19.90	21.00
15	256QAM	36	39	19.76	19.84	19.63	21.00
15	256QAM	75	0	19.64	19.86	19.76	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.20	23.19	23.13	24.00
10	QPSK	1	25	23.08	23.22	22.99	24.00
10	QPSK	1	49	22.92	23.04	23.09	24.00
10	QPSK	25	0	22.95	23.22	22.88	24.00
10	QPSK	25	12	22.99	23.14	23.06	24.00
10	QPSK	25	25	22.92	23.08	22.83	24.00
10	QPSK	50	0	22.78	23.06	22.85	24.00
10	16QAM	1	0	22.91	23.02	22.84	24.00
10	16QAM	1	25	22.84	23.09	22.98	24.00
10	16QAM	1	49	22.97	23.12	22.94	24.00
10	16QAM	25	0	22.89	23.08	22.98	24.00
10	16QAM	25	12	22.83	22.92	22.96	24.00
10	16QAM	25	25	22.70	23.00	22.57	24.00
10	16QAM	50	0	22.72	22.86	22.62	24.00
10	64QAM	1	0	22.89	23.08	22.98	24.00
10	64QAM	1	25	22.92	23.05	23.01	24.00
10	64QAM	1	49	22.80	22.99	22.76	24.00
10	64QAM	25	0	21.95	22.20	21.92	23.00
10	64QAM	25	12	21.82	22.16	21.95	23.00
10	64QAM	25	25	21.79	22.07	21.81	23.00
10	64QAM	50	0	21.73	21.93	21.83	23.00
10	256QAM	1	0	19.65	19.95	19.69	21.00
10	256QAM	1	25	19.74	19.96	19.80	21.00
10	256QAM	1	49	19.53	19.66	19.61	21.00
10	256QAM	25	0	19.82	19.99	19.88	21.00
10	256QAM	25	12	19.74	20.06	19.87	21.00
10	256QAM	25	25	19.81	19.89	19.71	21.00
10	256QAM	50	0	19.73	19.96	19.77	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.14	23.27	23.17	24.00
5	QPSK	1	12	23.05	23.25	22.98	24.00
5	QPSK	1	24	22.83	23.12	23.01	24.00
5	QPSK	12	0	22.94	23.18	22.94	24.00
5	QPSK	12	7	22.99	23.06	23.10	24.00
5	QPSK	12	13	22.86	23.09	22.95	24.00
5	QPSK	25	0	22.75	23.12	22.83	24.00
5	16QAM	1	0	22.90	23.03	22.91	24.00
5	16QAM	1	12	22.85	23.06	23.07	24.00
5	16QAM	1	24	23.03	23.04	22.93	24.00
5	16QAM	12	0	22.81	23.01	22.96	24.00
5	16QAM	12	7	22.86	22.96	22.86	24.00
5	16QAM	12	13	22.64	22.88	22.63	24.00
5	16QAM	25	0	22.71	22.98	22.62	24.00
5	64QAM	1	0	22.88	23.01	22.90	24.00
5	64QAM	1	12	22.83	23.06	23.06	24.00
5	64QAM	1	24	22.75	22.95	22.76	24.00
5	64QAM	12	0	21.93	22.17	21.90	23.00
5	64QAM	12	7	21.89	22.16	21.94	23.00
5	64QAM	12	13	21.83	22.00	21.77	23.00
5	64QAM	25	0	21.71	21.87	21.85	23.00
5	256QAM	1	0	19.67	19.98	19.72	21.00
5	256QAM	1	12	19.64	19.91	19.79	21.00
5	256QAM	1	24	19.54	19.66	19.60	21.00
5	256QAM	12	0	19.82	19.98	19.77	21.00
5	256QAM	12	7	19.72	20.05	19.91	21.00
5	256QAM	12	13	19.78	19.84	19.64	21.00
5	256QAM	25	0	19.64	19.86	19.84	21.00

**【LTE Band 42 (96)_Ant 1_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.44	23.45	23.41	24.00
20	QPSK	1	49	23.25	23.38	23.18	24.00
20	QPSK	1	99	23.17	23.32	23.31	24.00
20	QPSK	50	0	23.41	23.40	23.40	24.00
20	QPSK	50	24	23.28	23.33	23.24	24.00
20	QPSK	50	50	23.18	23.32	23.22	24.00
20	QPSK	100	0	23.23	23.40	23.24	24.00
20	16QAM	1	0	23.10	23.33	23.26	24.00
20	16QAM	1	49	23.27	23.33	23.27	24.00
20	16QAM	1	99	23.05	23.30	23.10	24.00
20	16QAM	50	0	23.03	23.09	22.97	24.00
20	16QAM	50	24	23.05	23.17	23.09	24.00
20	16QAM	50	50	22.97	23.14	23.11	24.00
20	16QAM	100	0	22.94	23.12	22.95	24.00
20	64QAM	1	0	22.91	22.96	22.85	24.00
20	64QAM	1	49	22.91	23.06	23.01	24.00
20	64QAM	1	99	22.78	22.99	22.89	24.00
20	64QAM	50	0	21.94	22.17	22.09	23.00
20	64QAM	50	24	22.01	22.12	22.08	23.00
20	64QAM	50	50	21.97	22.15	21.98	23.00
20	64QAM	100	0	22.04	22.18	22.02	23.00
20	256QAM	1	0	19.84	20.06	19.87	21.00
20	256QAM	1	49	19.74	19.96	19.83	21.00
20	256QAM	1	99	19.84	20.01	19.90	21.00
20	256QAM	50	0	19.91	20.11	19.99	21.00
20	256QAM	50	24	19.96	20.09	19.91	21.00
20	256QAM	50	50	20.05	20.17	19.99	21.00
20	256QAM	100	0	20.08	20.35	20.18	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.30	23.29	23.38	24.00
15	QPSK	1	37	23.12	23.26	23.15	24.00
15	QPSK	1	74	23.15	23.29	23.26	24.00
15	QPSK	36	0	23.35	23.32	23.06	24.00
15	QPSK	36	20	23.16	23.28	23.11	24.00
15	QPSK	36	39	23.08	23.23	23.16	24.00
15	QPSK	75	0	23.14	23.32	23.23	24.00
15	16QAM	1	0	23.09	23.31	23.15	24.00
15	16QAM	1	37	23.20	23.21	23.13	24.00
15	16QAM	1	74	22.96	23.27	23.09	24.00
15	16QAM	36	0	22.89	23.03	22.88	24.00
15	16QAM	36	20	22.92	23.15	23.03	24.00
15	16QAM	36	39	22.88	22.99	23.04	24.00
15	16QAM	75	0	22.86	23.10	22.91	24.00
15	64QAM	1	0	22.81	22.85	22.77	24.00
15	64QAM	1	37	22.82	23.04	22.96	24.00
15	64QAM	1	74	22.71	22.86	22.77	24.00
15	64QAM	36	0	21.86	22.03	21.97	23.00
15	64QAM	36	20	21.91	22.02	21.98	23.00
15	64QAM	36	39	21.84	22.11	21.85	23.00
15	64QAM	75	0	21.97	22.16	21.94	23.00
15	256QAM	1	0	19.82	19.93	19.76	21.00
15	256QAM	1	37	19.69	19.89	19.70	21.00
15	256QAM	1	74	19.83	19.94	19.87	21.00
15	256QAM	36	0	19.90	20.04	19.93	21.00
15	256QAM	36	20	19.84	19.97	19.77	21.00
15	256QAM	36	39	20.02	20.06	19.91	21.00
15	256QAM	75	0	20.02	20.24	20.17	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.35	23.32	23.33	24.00
10	QPSK	1	25	23.10	23.27	23.09	24.00
10	QPSK	1	49	23.11	23.20	23.16	24.00
10	QPSK	25	0	23.36	23.36	23.10	24.00
10	QPSK	25	12	23.19	23.29	23.19	24.00
10	QPSK	25	25	23.10	23.24	23.21	24.00
10	QPSK	50	0	23.11	23.28	23.20	24.00
10	16QAM	1	0	23.02	23.24	23.16	24.00
10	16QAM	1	25	23.20	23.19	23.12	24.00
10	16QAM	1	49	23.00	23.24	23.07	24.00



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10	16QAM	25	0	22.91	23.03	22.87	24.00
10	16QAM	25	12	23.00	23.06	22.99	24.00
10	16QAM	25	25	22.91	23.08	23.02	24.00
10	16QAM	50	0	22.82	22.98	22.88	24.00
10	64QAM	1	0	22.82	22.84	22.77	24.00
10	64QAM	1	25	22.87	22.92	22.95	24.00
10	64QAM	1	49	22.65	22.86	22.81	24.00
10	64QAM	25	0	21.90	22.14	22.01	23.00
10	64QAM	25	12	21.93	22.04	22.02	23.00
10	64QAM	25	25	21.94	22.00	21.95	23.00
10	64QAM	50	0	22.03	22.15	21.89	23.00
10	256QAM	1	0	19.73	20.00	19.72	21.00
10	256QAM	1	25	19.67	19.88	19.73	21.00
10	256QAM	1	49	19.81	19.95	19.78	21.00
10	256QAM	25	0	19.77	20.03	19.91	21.00
10	256QAM	25	12	19.94	19.95	19.79	21.00
10	256QAM	25	25	19.95	20.14	19.87	21.00
10	256QAM	50	0	19.94	20.28	20.04	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.35	23.43	23.40	24.00
5	QPSK	1	12	23.23	23.27	23.05	24.00
5	QPSK	1	24	23.09	23.20	23.22	24.00
5	QPSK	12	0	23.33	23.37	23.15	24.00
5	QPSK	12	7	23.24	23.19	23.21	24.00
5	QPSK	12	13	23.05	23.27	23.20	24.00
5	QPSK	25	0	23.08	23.34	23.16	24.00
5	16QAM	1	0	23.06	23.19	23.19	24.00
5	16QAM	1	12	23.18	23.29	23.21	24.00
5	16QAM	1	24	22.92	23.22	23.03	24.00
5	16QAM	12	0	22.96	22.96	22.93	24.00
5	16QAM	12	7	23.00	23.11	23.05	24.00
5	16QAM	12	13	22.89	23.06	22.99	24.00
5	16QAM	25	0	22.84	23.02	22.86	24.00
5	64QAM	1	0	22.88	22.92	22.82	24.00
5	64QAM	1	12	22.84	23.00	22.90	24.00
5	64QAM	1	24	22.65	22.93	22.78	24.00
5	64QAM	12	0	21.85	22.10	22.04	23.00
5	64QAM	12	7	21.87	22.06	21.95	23.00
5	64QAM	12	13	21.85	22.06	21.85	23.00
5	64QAM	25	0	22.02	22.09	22.00	23.00
5	256QAM	1	0	19.80	19.96	19.82	21.00
5	256QAM	1	12	19.61	19.95	19.82	21.00
5	256QAM	1	24	19.71	19.97	19.87	21.00
5	256QAM	12	0	19.88	20.02	19.91	21.00
5	256QAM	12	7	19.88	19.97	19.88	21.00
5	256QAM	12	13	19.98	20.04	19.96	21.00
5	256QAM	25	0	19.94	20.25	20.13	21.00

【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.29	20.19	22.00
20	QPSK	1	49	20.05	20.01	20.16	22.00
20	QPSK	1	99	20.13	20.08	20.07	22.00
20	QPSK	50	0	20.25	20.19	20.24	22.00
20	QPSK	50	24	20.13	20.10	20.02	22.00
20	QPSK	50	50	20.12	20.01	20.10	22.00
20	QPSK	100	0	20.09	20.14	20.10	22.00
20	16QAM	1	0	20.11	20.05	20.14	22.00
20	16QAM	1	49	20.07	20.09	20.00	22.00
20	16QAM	1	99	20.03	20.05	20.06	22.00
20	16QAM	50	0	20.16	20.11	20.05	22.00
20	16QAM	50	24	20.13	20.11	20.10	22.00
20	16QAM	50	50	20.24	20.14	20.10	22.00
20	16QAM	100	0	20.14	20.15	20.04	22.00
20	64QAM	1	0	20.13	20.07	20.14	22.00
20	64QAM	1	49	20.16	20.04	20.16	22.00
20	64QAM	1	99	20.20	20.12	20.08	22.00
20	64QAM	50	0	20.11	20.10	20.12	22.00
20	64QAM	50	24	20.10	20.06	20.18	22.00



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20	64QAM	50	50	20.07	20.13	20.09	22.00
20	64QAM	100	0	20.10	20.10	20.09	22.00
20	256QAM	1	0	19.24	19.31	19.24	21.00
20	256QAM	1	49	19.03	19.15	19.07	21.00
20	256QAM	1	99	19.10	19.07	19.16	21.00
20	256QAM	50	0	19.08	19.26	19.11	21.00
20	256QAM	50	24	19.11	19.15	19.04	21.00
20	256QAM	50	50	19.06	19.13	19.04	21.00
20	256QAM	100	0	20.24	19.32	20.19	21.00
Channel				43165	43340	43515	Tune-up limit
Frequency (MHz)				3557.5	3575	3592.5	(dBm)
15	QPSK	1	0	20.21	20.18	20.07	22.00
15	QPSK	1	37	20.01	20.10	20.02	22.00
15	QPSK	1	74	20.09	20.04	20.01	22.00
15	QPSK	36	0	20.24	20.13	20.09	22.00
15	QPSK	36	20	20.12	20.09	20.11	22.00
15	QPSK	36	39	20.13	20.09	20.05	22.00
15	QPSK	75	0	20.09	20.02	20.09	22.00
15	16QAM	1	0	20.12	20.00	20.04	22.00
15	16QAM	1	37	20.04	20.04	20.01	22.00
15	16QAM	1	74	20.08	20.03	20.02	22.00
15	16QAM	36	0	20.00	20.05	20.14	22.00
15	16QAM	36	20	20.01	20.01	20.02	22.00
15	16QAM	36	39	20.02	20.06	20.12	22.00
15	16QAM	75	0	20.06	20.09	20.07	22.00
15	64QAM	1	0	20.09	20.05	20.06	22.00
15	64QAM	1	37	20.15	20.05	20.07	22.00
15	64QAM	1	74	20.16	20.08	20.09	22.00
15	64QAM	36	0	20.06	20.04	20.08	22.00
15	64QAM	36	20	20.04	20.02	20.06	22.00
15	64QAM	36	39	20.03	20.04	20.10	22.00
15	64QAM	75	0	20.03	20.09	20.03	22.00
15	256QAM	1	0	19.10	19.01	19.05	21.00
15	256QAM	1	37	19.03	19.12	19.05	21.00
15	256QAM	1	74	19.00	19.06	19.15	21.00
15	256QAM	36	0	19.06	19.13	19.01	21.00
15	256QAM	36	20	19.03	19.02	19.07	21.00
15	256QAM	36	39	19.14	19.01	19.01	21.00
15	256QAM	75	0	19.22	19.05	19.06	21.00
Channel				43140	43340	43540	Tune-up limit
Frequency (MHz)				3555	3575	3595	(dBm)
10	QPSK	1	0	20.19	20.16	20.08	22.00
10	QPSK	1	25	20.03	20.03	20.02	22.00
10	QPSK	1	49	20.03	20.02	20.00	22.00
10	QPSK	25	0	20.14	20.17	20.19	22.00
10	QPSK	25	12	20.12	20.10	20.15	22.00
10	QPSK	25	25	20.05	20.02	20.06	22.00
10	QPSK	50	0	20.08	20.08	20.06	22.00
10	16QAM	1	0	20.16	20.03	20.11	22.00
10	16QAM	1	25	20.01	20.06	20.07	22.00
10	16QAM	1	49	20.03	20.12	20.12	22.00
10	16QAM	25	0	20.04	20.06	20.06	22.00
10	16QAM	25	12	20.10	20.05	20.04	22.00
10	16QAM	25	25	20.11	20.08	20.02	22.00
10	16QAM	50	0	20.09	20.08	20.04	22.00
10	64QAM	1	0	20.06	20.06	20.09	22.00
10	64QAM	1	25	20.14	20.00	20.13	22.00
10	64QAM	1	49	20.11	20.05	20.05	22.00
10	64QAM	25	0	20.03	20.04	20.02	22.00
10	64QAM	25	12	20.11	20.06	20.07	22.00
10	64QAM	25	25	20.01	20.02	20.09	22.00
10	64QAM	50	0	20.12	20.03	20.01	22.00
10	256QAM	1	0	19.12	19.06	19.14	21.00
10	256QAM	1	25	19.01	19.06	19.12	21.00
10	256QAM	1	49	19.14	19.08	19.05	21.00
10	256QAM	25	0	19.03	19.15	19.12	21.00
10	256QAM	25	12	19.11	19.00	19.05	21.00
10	256QAM	25	25	19.04	19.05	19.09	21.00
10	256QAM	50	0	19.12	19.14	19.06	21.00
Channel				43115	43340	43565	Tune-up limit
Frequency (MHz)				3552.5	3575	3597.5	(dBm)
5	QPSK	1	0	20.15	20.15	20.16	22.00
5	QPSK	1	12	20.06	20.12	20.01	22.00
5	QPSK	1	24	20.04	20.02	20.12	22.00
5	QPSK	12	0	20.11	20.05	20.20	22.00
5	QPSK	12	7	20.03	20.07	20.12	22.00
5	QPSK	12	13	20.14	20.05	20.08	22.00
5	QPSK	25	0	20.02	20.07	20.12	22.00



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5	16QAM	1	0	20.16	20.15	20.14	22.00
5	16QAM	1	12	20.03	20.01	20.02	22.00
5	16QAM	1	24	20.01	20.15	20.03	22.00
5	16QAM	12	0	20.06	20.03	20.04	22.00
5	16QAM	12	7	20.06	20.06	20.03	22.00
5	16QAM	12	13	20.11	20.09	20.09	22.00
5	16QAM	25	0	20.11	20.12	20.09	22.00
5	64QAM	1	0	20.06	20.02	20.13	22.00
5	64QAM	1	12	20.18	20.13	20.16	22.00
5	64QAM	1	24	20.09	20.06	20.02	22.00
5	64QAM	12	0	20.05	20.08	20.01	22.00
5	64QAM	12	7	20.02	20.12	20.11	22.00
5	64QAM	12	13	20.01	20.03	20.07	22.00
5	64QAM	25	0	20.06	20.12	20.04	22.00
5	256QAM	1	0	19.08	19.14	19.14	21.00
5	256QAM	1	12	19.03	19.04	19.10	21.00
5	256QAM	1	24	19.15	19.01	19.08	21.00
5	256QAM	12	0	19.11	19.09	19.02	21.00
5	256QAM	12	7	19.06	19.04	19.12	21.00
5	256QAM	12	13	19.00	19.14	19.01	21.00
5	256QAM	25	0	19.21	19.05	19.07	21.00

【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.44	23.45	23.41	24.00
20	QPSK	1	49	23.25	23.38	23.18	24.00
20	QPSK	1	99	23.17	23.32	23.31	24.00
20	QPSK	50	0	23.41	23.40	23.40	24.00
20	QPSK	50	24	23.28	23.33	23.24	24.00
20	QPSK	50	50	23.18	23.32	23.22	24.00
20	QPSK	100	0	23.23	23.40	23.24	24.00
20	16QAM	1	0	23.10	23.33	23.26	24.00
20	16QAM	1	49	23.27	23.33	23.27	24.00
20	16QAM	1	99	23.05	23.30	23.10	24.00
20	16QAM	50	0	23.03	23.09	22.97	24.00
20	16QAM	50	24	23.05	23.17	23.09	24.00
20	16QAM	50	50	22.97	23.14	23.11	24.00
20	16QAM	100	0	22.94	23.12	22.95	24.00
20	64QAM	1	0	22.91	22.96	22.85	24.00
20	64QAM	1	49	22.91	23.06	23.01	24.00
20	64QAM	1	99	22.78	22.99	22.89	24.00
20	64QAM	50	0	21.94	22.17	22.09	23.00
20	64QAM	50	24	22.01	22.12	22.08	23.00
20	64QAM	50	50	21.97	22.15	21.98	23.00
20	64QAM	100	0	22.04	22.18	22.02	23.00
20	256QAM	1	0	19.84	20.06	19.87	21.00
20	256QAM	1	49	19.74	19.96	19.83	21.00
20	256QAM	1	99	19.84	20.01	19.90	21.00
20	256QAM	50	0	19.91	20.11	19.99	21.00
20	256QAM	50	24	19.96	20.09	19.91	21.00
20	256QAM	50	50	20.05	20.17	19.99	21.00
20	256QAM	100	0	20.08	20.35	20.18	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.30	23.29	23.38	24.00
15	QPSK	1	37	23.12	23.26	23.15	24.00
15	QPSK	1	74	23.15	23.29	23.26	24.00
15	QPSK	36	0	23.35	23.32	23.06	24.00
15	QPSK	36	20	23.16	23.28	23.11	24.00
15	QPSK	36	39	23.08	23.23	23.16	24.00
15	QPSK	75	0	23.14	23.32	23.23	24.00
15	16QAM	1	0	23.09	23.31	23.15	24.00
15	16QAM	1	37	23.20	23.21	23.13	24.00
15	16QAM	1	74	22.96	23.27	23.09	24.00
15	16QAM	36	0	22.89	23.03	22.88	24.00
15	16QAM	36	20	22.92	23.15	23.03	24.00
15	16QAM	36	39	22.88	22.99	23.04	24.00
15	16QAM	75	0	22.86	23.10	22.91	24.00
15	64QAM	1	0	22.81	22.85	22.77	24.00
15	64QAM	1	37	22.82	23.04	22.96	24.00



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15	64QAM	1	74	22.71	22.86	22.77	24.00
15	64QAM	36	0	21.86	22.03	21.97	23.00
15	64QAM	36	20	21.91	22.02	21.98	23.00
15	64QAM	36	39	21.84	22.11	21.85	23.00
15	64QAM	75	0	21.97	22.16	21.94	23.00
15	256QAM	1	0	19.82	19.93	19.76	21.00
15	256QAM	1	37	19.69	19.89	19.70	21.00
15	256QAM	1	74	19.83	19.94	19.87	21.00
15	256QAM	36	0	19.90	20.04	19.93	21.00
15	256QAM	36	20	19.84	19.97	19.77	21.00
15	256QAM	36	39	20.02	20.06	19.91	21.00
15	256QAM	75	0	20.02	20.24	20.17	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.35	23.32	23.33	24.00
10	QPSK	1	25	23.10	23.27	23.09	24.00
10	QPSK	1	49	23.11	23.20	23.16	24.00
10	QPSK	25	0	23.36	23.36	23.10	24.00
10	QPSK	25	12	23.19	23.29	23.19	24.00
10	QPSK	25	25	23.10	23.24	23.21	24.00
10	QPSK	50	0	23.11	23.28	23.20	24.00
10	16QAM	1	0	23.02	23.24	23.16	24.00
10	16QAM	1	25	23.20	23.19	23.12	24.00
10	16QAM	1	49	23.00	23.24	23.07	24.00
10	16QAM	25	0	22.91	23.03	22.87	24.00
10	16QAM	25	12	23.00	23.06	22.99	24.00
10	16QAM	25	25	22.91	23.08	23.02	24.00
10	16QAM	50	0	22.82	22.98	22.88	24.00
10	64QAM	1	0	22.82	22.84	22.77	24.00
10	64QAM	1	25	22.87	22.92	22.95	24.00
10	64QAM	1	49	22.65	22.86	22.81	24.00
10	64QAM	25	0	21.90	22.14	22.01	23.00
10	64QAM	25	12	21.93	22.04	22.02	23.00
10	64QAM	25	25	21.94	22.00	21.95	23.00
10	64QAM	50	0	22.03	22.15	21.89	23.00
10	256QAM	1	0	19.73	20.00	19.72	21.00
10	256QAM	1	25	19.67	19.88	19.73	21.00
10	256QAM	1	49	19.81	19.95	19.78	21.00
10	256QAM	25	0	19.77	20.03	19.91	21.00
10	256QAM	25	12	19.94	19.95	19.79	21.00
10	256QAM	25	25	19.95	20.14	19.87	21.00
10	256QAM	50	0	19.94	20.28	20.04	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.35	23.43	23.40	24.00
5	QPSK	1	12	23.23	23.27	23.05	24.00
5	QPSK	1	24	23.09	23.20	23.22	24.00
5	QPSK	12	0	23.33	23.37	23.15	24.00
5	QPSK	12	7	23.24	23.19	23.21	24.00
5	QPSK	12	13	23.05	23.27	23.20	24.00
5	QPSK	25	0	23.08	23.34	23.16	24.00
5	16QAM	1	0	23.06	23.19	23.19	24.00
5	16QAM	1	12	23.18	23.29	23.21	24.00
5	16QAM	1	24	22.92	23.22	23.03	24.00
5	16QAM	12	0	22.96	22.96	22.93	24.00
5	16QAM	12	7	23.00	23.11	23.05	24.00
5	16QAM	12	13	22.89	23.06	22.99	24.00
5	16QAM	25	0	22.84	23.02	22.86	24.00
5	64QAM	1	0	22.88	22.92	22.82	24.00
5	64QAM	1	12	22.84	23.00	22.90	24.00
5	64QAM	1	24	22.65	22.93	22.78	24.00
5	64QAM	12	0	21.85	22.10	22.04	23.00
5	64QAM	12	7	21.87	22.06	21.95	23.00
5	64QAM	12	13	21.85	22.06	21.85	23.00
5	64QAM	25	0	22.02	22.09	22.00	23.00
5	256QAM	1	0	19.80	19.96	19.82	21.00
5	256QAM	1	12	19.61	19.95	19.82	21.00
5	256QAM	1	24	19.71	19.97	19.87	21.00
5	256QAM	12	0	19.88	20.02	19.91	21.00
5	256QAM	12	7	19.88	19.97	19.88	21.00
5	256QAM	12	13	19.98	20.04	19.96	21.00
5	256QAM	25	0	19.94	20.25	20.13	21.00

**【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	21.20
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	20.27	20.29	20.19	21.20
20	QPSK	1	49	20.05	20.01	20.16	21.20
20	QPSK	1	99	20.13	20.08	20.07	21.20
20	QPSK	50	0	20.25	20.19	20.24	21.20
20	QPSK	50	24	20.13	20.10	20.02	21.20
20	QPSK	50	50	20.12	20.01	20.10	21.20
20	QPSK	100	0	20.09	20.14	20.10	21.20
20	16QAM	1	0	20.11	20.05	20.14	21.20
20	16QAM	1	49	20.07	20.09	20.00	21.20
20	16QAM	1	99	20.03	20.05	20.06	21.20
20	16QAM	50	0	20.16	20.11	20.05	21.20
20	16QAM	50	24	20.13	20.11	20.10	21.20
20	16QAM	50	50	20.24	20.14	20.10	21.20
20	16QAM	100	0	20.14	20.15	20.04	21.20
20	64QAM	1	0	20.13	20.07	20.14	21.20
20	64QAM	1	49	20.16	20.04	20.16	21.20
20	64QAM	1	99	20.20	20.12	20.08	21.20
20	64QAM	50	0	20.11	20.10	20.12	21.20
20	64QAM	50	24	20.10	20.06	20.18	21.20
20	64QAM	50	50	20.07	20.13	20.09	21.20
20	64QAM	100	0	20.10	20.10	20.09	21.20
20	256QAM	1	0	19.24	19.31	19.24	21.00
20	256QAM	1	49	19.03	19.15	19.07	21.00
20	256QAM	1	99	19.10	19.07	19.16	21.00
20	256QAM	50	0	19.08	19.26	19.11	21.00
20	256QAM	50	24	19.11	19.15	19.04	21.00
20	256QAM	50	50	19.06	19.13	19.04	21.00
20	256QAM	100	0	20.24	19.32	20.19	21.00
Channel				43165	43340	43515	21.20
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	20.21	20.18	20.07	21.20
15	QPSK	1	37	20.01	20.10	20.02	21.20
15	QPSK	1	74	20.09	20.04	20.01	21.20
15	QPSK	36	0	20.24	20.13	20.09	21.20
15	QPSK	36	20	20.12	20.09	20.11	21.20
15	QPSK	36	39	20.13	20.09	20.05	21.20
15	QPSK	75	0	20.09	20.02	20.09	21.20
15	16QAM	1	0	20.12	20.00	20.04	21.20
15	16QAM	1	37	20.04	20.04	20.01	21.20
15	16QAM	1	74	20.08	20.03	20.02	21.20
15	16QAM	36	0	20.00	20.05	20.14	21.20
15	16QAM	36	20	20.01	20.01	20.02	21.20
15	16QAM	36	39	20.02	20.06	20.12	21.20
15	16QAM	75	0	20.06	20.09	20.07	21.20
15	64QAM	1	0	20.09	20.05	20.06	21.20
15	64QAM	1	37	20.15	20.05	20.07	21.20
15	64QAM	1	74	20.16	20.08	20.09	21.20
15	64QAM	36	0	20.06	20.04	20.08	21.20
15	64QAM	36	20	20.04	20.02	20.06	21.20
15	64QAM	36	39	20.03	20.04	20.10	21.20
15	64QAM	75	0	20.03	20.09	20.03	21.20
15	256QAM	1	0	19.10	19.01	19.05	21.00
15	256QAM	1	37	19.03	19.12	19.05	21.00
15	256QAM	1	74	19.00	19.06	19.15	21.00
15	256QAM	36	0	19.06	19.13	19.01	21.00
15	256QAM	36	20	19.03	19.02	19.07	21.00
15	256QAM	36	39	19.14	19.01	19.01	21.00
15	256QAM	75	0	19.22	19.05	19.06	21.00
Channel				43140	43340	43540	21.20
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	20.19	20.16	20.08	21.20
10	QPSK	1	25	20.03	20.03	20.02	21.20
10	QPSK	1	49	20.03	20.02	20.00	21.20
10	QPSK	25	0	20.14	20.17	20.19	21.20
10	QPSK	25	12	20.12	20.10	20.15	21.20
10	QPSK	25	25	20.05	20.02	20.06	21.20
10	QPSK	50	0	20.08	20.08	20.06	21.20
10	16QAM	1	0	20.16	20.03	20.11	21.20
10	16QAM	1	25	20.01	20.06	20.07	21.20
10	16QAM	1	49	20.03	20.12	20.12	21.20



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10	16QAM	25	0	20.04	20.06	20.06	21.20
10	16QAM	25	12	20.10	20.05	20.04	21.20
10	16QAM	25	25	20.11	20.08	20.02	21.20
10	16QAM	50	0	20.09	20.08	20.04	21.20
10	64QAM	1	0	20.06	20.06	20.09	21.20
10	64QAM	1	25	20.14	20.00	20.13	21.20
10	64QAM	1	49	20.11	20.05	20.05	21.20
10	64QAM	25	0	20.03	20.04	20.02	21.20
10	64QAM	25	12	20.11	20.06	20.07	21.20
10	64QAM	25	25	20.01	20.02	20.09	21.20
10	64QAM	50	0	20.12	20.03	20.01	21.20
10	256QAM	1	0	19.12	19.06	19.14	21.00
10	256QAM	1	25	19.01	19.06	19.12	21.00
10	256QAM	1	49	19.14	19.08	19.05	21.00
10	256QAM	25	0	19.03	19.15	19.12	21.00
10	256QAM	25	12	19.11	19.00	19.05	21.00
10	256QAM	25	25	19.04	19.05	19.09	21.00
10	256QAM	50	0	19.12	19.14	19.06	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	20.15	20.15	20.16	21.20
5	QPSK	1	12	20.06	20.12	20.01	21.20
5	QPSK	1	24	20.04	20.02	20.12	21.20
5	QPSK	12	0	20.11	20.05	20.20	21.20
5	QPSK	12	7	20.03	20.07	20.12	21.20
5	QPSK	12	13	20.14	20.05	20.08	21.20
5	QPSK	25	0	20.02	20.07	20.12	21.20
5	16QAM	1	0	20.16	20.15	20.14	21.20
5	16QAM	1	12	20.03	20.01	20.02	21.20
5	16QAM	1	24	20.01	20.15	20.03	21.20
5	16QAM	12	0	20.06	20.03	20.04	21.20
5	16QAM	12	7	20.06	20.06	20.03	21.20
5	16QAM	12	13	20.11	20.09	20.09	21.20
5	16QAM	25	0	20.11	20.12	20.09	21.20
5	64QAM	1	0	20.06	20.02	20.13	21.20
5	64QAM	1	12	20.18	20.13	20.16	21.20
5	64QAM	1	24	20.09	20.06	20.02	21.20
5	64QAM	12	0	20.05	20.08	20.01	21.20
5	64QAM	12	7	20.02	20.12	20.11	21.20
5	64QAM	12	13	20.01	20.03	20.07	21.20
5	64QAM	25	0	20.06	20.12	20.04	21.20
5	256QAM	1	0	19.08	19.14	19.14	21.00
5	256QAM	1	12	19.03	19.04	19.10	21.00
5	256QAM	1	24	19.15	19.01	19.08	21.00
5	256QAM	12	0	19.11	19.09	19.02	21.00
5	256QAM	12	7	19.06	19.04	19.12	21.00
5	256QAM	12	13	19.00	19.14	19.01	21.00
5	256QAM	25	0	19.21	19.05	19.07	21.00

【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.44	23.45	23.41	24.00
20	QPSK	1	49	23.25	23.38	23.18	24.00
20	QPSK	1	99	23.17	23.32	23.31	24.00
20	QPSK	50	0	23.41	23.40	23.40	24.00
20	QPSK	50	24	23.28	23.33	23.24	24.00
20	QPSK	50	50	23.18	23.32	23.22	24.00
20	QPSK	100	0	23.23	23.40	23.24	24.00
20	16QAM	1	0	23.10	23.33	23.26	24.00
20	16QAM	1	49	23.27	23.33	23.27	24.00
20	16QAM	1	99	23.05	23.30	23.10	24.00
20	16QAM	50	0	23.03	23.09	22.97	24.00
20	16QAM	50	24	23.05	23.17	23.09	24.00
20	16QAM	50	50	22.97	23.14	23.11	24.00
20	16QAM	100	0	22.94	23.12	22.95	24.00
20	64QAM	1	0	22.91	22.96	22.85	24.00
20	64QAM	1	49	22.91	23.06	23.01	24.00
20	64QAM	1	99	22.78	22.99	22.89	24.00
20	64QAM	50	0	21.94	22.17	22.09	23.00
20	64QAM	50	24	22.01	22.12	22.08	23.00



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20	64QAM	50	50	21.97	22.15	21.98	23.00
20	64QAM	100	0	22.04	22.18	22.02	23.00
20	256QAM	1	0	19.84	20.06	19.87	21.00
20	256QAM	1	49	19.74	19.96	19.83	21.00
20	256QAM	1	99	19.84	20.01	19.90	21.00
20	256QAM	50	0	19.91	20.11	19.99	21.00
20	256QAM	50	24	19.96	20.09	19.91	21.00
20	256QAM	50	50	20.05	20.17	19.99	21.00
20	256QAM	100	0	20.08	20.35	20.18	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.30	23.29	23.38	24.00
15	QPSK	1	37	23.12	23.26	23.15	24.00
15	QPSK	1	74	23.15	23.29	23.26	24.00
15	QPSK	36	0	23.35	23.32	23.06	24.00
15	QPSK	36	20	23.16	23.28	23.11	24.00
15	QPSK	36	39	23.08	23.23	23.16	24.00
15	QPSK	75	0	23.14	23.32	23.23	24.00
15	16QAM	1	0	23.09	23.31	23.15	24.00
15	16QAM	1	37	23.20	23.21	23.13	24.00
15	16QAM	1	74	22.96	23.27	23.09	24.00
15	16QAM	36	0	22.89	23.03	22.88	24.00
15	16QAM	36	20	22.92	23.15	23.03	24.00
15	16QAM	36	39	22.88	22.99	23.04	24.00
15	16QAM	75	0	22.86	23.10	22.91	24.00
15	64QAM	1	0	22.81	22.85	22.77	24.00
15	64QAM	1	37	22.82	23.04	22.96	24.00
15	64QAM	1	74	22.71	22.86	22.77	24.00
15	64QAM	36	0	21.86	22.03	21.97	23.00
15	64QAM	36	20	21.91	22.02	21.98	23.00
15	64QAM	36	39	21.84	22.11	21.85	23.00
15	64QAM	75	0	21.97	22.16	21.94	23.00
15	256QAM	1	0	19.82	19.93	19.76	21.00
15	256QAM	1	37	19.69	19.89	19.70	21.00
15	256QAM	1	74	19.83	19.94	19.87	21.00
15	256QAM	36	0	19.90	20.04	19.93	21.00
15	256QAM	36	20	19.84	19.97	19.77	21.00
15	256QAM	36	39	20.02	20.06	19.91	21.00
15	256QAM	75	0	20.02	20.24	20.17	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.35	23.32	23.33	24.00
10	QPSK	1	25	23.10	23.27	23.09	24.00
10	QPSK	1	49	23.11	23.20	23.16	24.00
10	QPSK	25	0	23.36	23.36	23.10	24.00
10	QPSK	25	12	23.19	23.29	23.19	24.00
10	QPSK	25	25	23.10	23.24	23.21	24.00
10	QPSK	50	0	23.11	23.28	23.20	24.00
10	16QAM	1	0	23.02	23.24	23.16	24.00
10	16QAM	1	25	23.20	23.19	23.12	24.00
10	16QAM	1	49	23.00	23.24	23.07	24.00
10	16QAM	25	0	22.91	23.03	22.87	24.00
10	16QAM	25	12	23.00	23.06	22.99	24.00
10	16QAM	25	25	22.91	23.08	23.02	24.00
10	16QAM	50	0	22.82	22.98	22.88	24.00
10	64QAM	1	0	22.82	22.84	22.77	24.00
10	64QAM	1	25	22.87	22.92	22.95	24.00
10	64QAM	1	49	22.65	22.86	22.81	24.00
10	64QAM	25	0	21.90	22.14	22.01	23.00
10	64QAM	25	12	21.93	22.04	22.02	23.00
10	64QAM	25	25	21.94	22.00	21.95	23.00
10	64QAM	50	0	22.03	22.15	21.89	23.00
10	256QAM	1	0	19.73	20.00	19.72	21.00
10	256QAM	1	25	19.67	19.88	19.73	21.00
10	256QAM	1	49	19.81	19.95	19.78	21.00
10	256QAM	25	0	19.77	20.03	19.91	21.00
10	256QAM	25	12	19.94	19.95	19.79	21.00
10	256QAM	25	25	19.95	20.14	19.87	21.00
10	256QAM	50	0	19.94	20.28	20.04	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.35	23.43	23.40	24.00
5	QPSK	1	12	23.23	23.27	23.05	24.00
5	QPSK	1	24	23.09	23.20	23.22	24.00
5	QPSK	12	0	23.33	23.37	23.15	24.00
5	QPSK	12	7	23.24	23.19	23.21	24.00
5	QPSK	12	13	23.05	23.27	23.20	24.00
5	QPSK	25	0	23.08	23.34	23.16	24.00



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5	16QAM	1	0	23.06	23.19	23.19	24.00
5	16QAM	1	12	23.18	23.29	23.21	24.00
5	16QAM	1	24	22.92	23.22	23.03	24.00
5	16QAM	12	0	22.96	22.96	22.93	24.00
5	16QAM	12	7	23.00	23.11	23.05	24.00
5	16QAM	12	13	22.89	23.06	22.99	24.00
5	16QAM	25	0	22.84	23.02	22.86	24.00
5	64QAM	1	0	22.88	22.92	22.82	24.00
5	64QAM	1	12	22.84	23.00	22.90	24.00
5	64QAM	1	24	22.65	22.93	22.78	24.00
5	64QAM	12	0	21.85	22.10	22.04	23.00
5	64QAM	12	7	21.87	22.06	21.95	23.00
5	64QAM	12	13	21.85	22.06	21.85	23.00
5	64QAM	25	0	22.02	22.09	22.00	23.00
5	256QAM	1	0	19.80	19.96	19.82	21.00
5	256QAM	1	12	19.61	19.95	19.82	21.00
5	256QAM	1	24	19.71	19.97	19.87	21.00
5	256QAM	12	0	19.88	20.02	19.91	21.00
5	256QAM	12	7	19.88	19.97	19.88	21.00
5	256QAM	12	13	19.98	20.04	19.96	21.00
5	256QAM	25	0	19.94	20.25	20.13	21.00

【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.44	23.45	23.41	24.00
20	QPSK	1	49	23.25	23.38	23.18	24.00
20	QPSK	1	99	23.17	23.32	23.31	24.00
20	QPSK	50	0	23.41	23.40	23.40	24.00
20	QPSK	50	24	23.28	23.33	23.24	24.00
20	QPSK	50	50	23.18	23.32	23.22	24.00
20	QPSK	100	0	23.23	23.40	23.24	24.00
20	16QAM	1	0	23.10	23.33	23.26	24.00
20	16QAM	1	49	23.27	23.33	23.27	24.00
20	16QAM	1	99	23.05	23.30	23.10	24.00
20	16QAM	50	0	23.03	23.09	22.97	24.00
20	16QAM	50	24	23.05	23.17	23.09	24.00
20	16QAM	50	50	22.97	23.14	23.11	24.00
20	16QAM	100	0	22.94	23.12	22.95	24.00
20	64QAM	1	0	22.91	22.96	22.85	24.00
20	64QAM	1	49	22.91	23.06	23.01	24.00
20	64QAM	1	99	22.78	22.99	22.89	24.00
20	64QAM	50	0	21.94	22.17	22.09	23.00
20	64QAM	50	24	22.01	22.12	22.08	23.00
20	64QAM	50	50	21.97	22.15	21.98	23.00
20	64QAM	100	0	22.04	22.18	22.02	23.00
20	256QAM	1	0	19.84	20.06	19.87	21.00
20	256QAM	1	49	19.74	19.96	19.83	21.00
20	256QAM	1	99	19.84	20.01	19.90	21.00
20	256QAM	50	0	19.91	20.11	19.99	21.00
20	256QAM	50	24	19.96	20.09	19.91	21.00
20	256QAM	50	50	20.05	20.17	19.99	21.00
20	256QAM	100	0	20.08	20.35	20.18	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.30	23.29	23.38	24.00
15	QPSK	1	37	23.12	23.26	23.15	24.00
15	QPSK	1	74	23.15	23.29	23.26	24.00
15	QPSK	36	0	23.35	23.32	23.06	24.00
15	QPSK	36	20	23.16	23.28	23.11	24.00
15	QPSK	36	39	23.08	23.23	23.16	24.00
15	QPSK	75	0	23.14	23.32	23.23	24.00
15	16QAM	1	0	23.09	23.31	23.15	24.00
15	16QAM	1	37	23.20	23.21	23.13	24.00
15	16QAM	1	74	22.96	23.27	23.09	24.00
15	16QAM	36	0	22.89	23.03	22.88	24.00
15	16QAM	36	20	22.92	23.15	23.03	24.00
15	16QAM	36	39	22.88	22.99	23.04	24.00
15	16QAM	75	0	22.86	23.10	22.91	24.00
15	64QAM	1	0	22.81	22.85	22.77	24.00
15	64QAM	1	37	22.82	23.04	22.96	24.00



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15	64QAM	1	74	22.71	22.86	22.77	24.00
15	64QAM	36	0	21.86	22.03	21.97	23.00
15	64QAM	36	20	21.91	22.02	21.98	23.00
15	64QAM	36	39	21.84	22.11	21.85	23.00
15	64QAM	75	0	21.97	22.16	21.94	23.00
15	256QAM	1	0	19.82	19.93	19.76	21.00
15	256QAM	1	37	19.69	19.89	19.70	21.00
15	256QAM	1	74	19.83	19.94	19.87	21.00
15	256QAM	36	0	19.90	20.04	19.93	21.00
15	256QAM	36	20	19.84	19.97	19.77	21.00
15	256QAM	36	39	20.02	20.06	19.91	21.00
15	256QAM	75	0	20.02	20.24	20.17	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.35	23.32	23.33	24.00
10	QPSK	1	25	23.10	23.27	23.09	24.00
10	QPSK	1	49	23.11	23.20	23.16	24.00
10	QPSK	25	0	23.36	23.36	23.10	24.00
10	QPSK	25	12	23.19	23.29	23.19	24.00
10	QPSK	25	25	23.10	23.24	23.21	24.00
10	QPSK	50	0	23.11	23.28	23.20	24.00
10	16QAM	1	0	23.02	23.24	23.16	24.00
10	16QAM	1	25	23.20	23.19	23.12	24.00
10	16QAM	1	49	23.00	23.24	23.07	24.00
10	16QAM	25	0	22.91	23.03	22.87	24.00
10	16QAM	25	12	23.00	23.06	22.99	24.00
10	16QAM	25	25	22.91	23.08	23.02	24.00
10	16QAM	50	0	22.82	22.98	22.88	24.00
10	64QAM	1	0	22.82	22.84	22.77	24.00
10	64QAM	1	25	22.87	22.92	22.95	24.00
10	64QAM	1	49	22.65	22.86	22.81	24.00
10	64QAM	25	0	21.90	22.14	22.01	23.00
10	64QAM	25	12	21.93	22.04	22.02	23.00
10	64QAM	25	25	21.94	22.00	21.95	23.00
10	64QAM	50	0	22.03	22.15	21.89	23.00
10	256QAM	1	0	19.73	20.00	19.72	21.00
10	256QAM	1	25	19.67	19.88	19.73	21.00
10	256QAM	1	49	19.81	19.95	19.78	21.00
10	256QAM	25	0	19.77	20.03	19.91	21.00
10	256QAM	25	12	19.94	19.95	19.79	21.00
10	256QAM	25	25	19.95	20.14	19.87	21.00
10	256QAM	50	0	19.94	20.28	20.04	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.35	23.43	23.40	24.00
5	QPSK	1	12	23.23	23.27	23.05	24.00
5	QPSK	1	24	23.09	23.20	23.22	24.00
5	QPSK	12	0	23.33	23.37	23.15	24.00
5	QPSK	12	7	23.24	23.19	23.21	24.00
5	QPSK	12	13	23.05	23.27	23.20	24.00
5	QPSK	25	0	23.08	23.34	23.16	24.00
5	16QAM	1	0	23.06	23.19	23.19	24.00
5	16QAM	1	12	23.18	23.29	23.21	24.00
5	16QAM	1	24	22.92	23.22	23.03	24.00
5	16QAM	12	0	22.96	22.96	22.93	24.00
5	16QAM	12	7	23.00	23.11	23.05	24.00
5	16QAM	12	13	22.89	23.06	22.99	24.00
5	16QAM	25	0	22.84	23.02	22.86	24.00
5	64QAM	1	0	22.88	22.92	22.82	24.00
5	64QAM	1	12	22.84	23.00	22.90	24.00
5	64QAM	1	24	22.65	22.93	22.78	24.00
5	64QAM	12	0	21.85	22.10	22.04	23.00
5	64QAM	12	7	21.87	22.06	21.95	23.00
5	64QAM	12	13	21.85	22.06	21.85	23.00
5	64QAM	25	0	22.02	22.09	22.00	23.00
5	256QAM	1	0	19.80	19.96	19.82	21.00
5	256QAM	1	12	19.61	19.95	19.82	21.00
5	256QAM	1	24	19.71	19.97	19.87	21.00
5	256QAM	12	0	19.88	20.02	19.91	21.00
5	256QAM	12	7	19.88	19.97	19.88	21.00
5	256QAM	12	13	19.98	20.04	19.96	21.00
5	256QAM	25	0	19.94	20.25	20.13	21.00

**【LTE Band 42 (96)_Ant 1_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				43190	43340	43490	Tune-up limit (dBm)
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	23.44	23.45	23.41	24.00
20	QPSK	1	49	23.25	23.38	23.18	24.00
20	QPSK	1	99	23.17	23.32	23.31	24.00
20	QPSK	50	0	23.41	23.40	23.40	24.00
20	QPSK	50	24	23.28	23.33	23.24	24.00
20	QPSK	50	50	23.18	23.32	23.22	24.00
20	QPSK	100	0	23.23	23.40	23.24	24.00
20	16QAM	1	0	23.10	23.33	23.26	24.00
20	16QAM	1	49	23.27	23.33	23.27	24.00
20	16QAM	1	99	23.05	23.30	23.10	24.00
20	16QAM	50	0	23.03	23.09	22.97	24.00
20	16QAM	50	24	23.05	23.17	23.09	24.00
20	16QAM	50	50	22.97	23.14	23.11	24.00
20	16QAM	100	0	22.94	23.12	22.95	24.00
20	64QAM	1	0	22.91	22.96	22.85	24.00
20	64QAM	1	49	22.91	23.06	23.01	24.00
20	64QAM	1	99	22.78	22.99	22.89	24.00
20	64QAM	50	0	21.94	22.17	22.09	23.00
20	64QAM	50	24	22.01	22.12	22.08	23.00
20	64QAM	50	50	21.97	22.15	21.98	23.00
20	64QAM	100	0	22.04	22.18	22.02	23.00
20	256QAM	1	0	19.84	20.06	19.87	21.00
20	256QAM	1	49	19.74	19.96	19.83	21.00
20	256QAM	1	99	19.84	20.01	19.90	21.00
20	256QAM	50	0	19.91	20.11	19.99	21.00
20	256QAM	50	24	19.96	20.09	19.91	21.00
20	256QAM	50	50	20.05	20.17	19.99	21.00
20	256QAM	100	0	20.08	20.35	20.18	21.00
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	23.30	23.29	23.38	24.00
15	QPSK	1	37	23.12	23.26	23.15	24.00
15	QPSK	1	74	23.15	23.29	23.26	24.00
15	QPSK	36	0	23.35	23.32	23.06	24.00
15	QPSK	36	20	23.16	23.28	23.11	24.00
15	QPSK	36	39	23.08	23.23	23.16	24.00
15	QPSK	75	0	23.14	23.32	23.23	24.00
15	16QAM	1	0	23.09	23.31	23.15	24.00
15	16QAM	1	37	23.20	23.21	23.13	24.00
15	16QAM	1	74	22.96	23.27	23.09	24.00
15	16QAM	36	0	22.89	23.03	22.88	24.00
15	16QAM	36	20	22.92	23.15	23.03	24.00
15	16QAM	36	39	22.88	22.99	23.04	24.00
15	16QAM	75	0	22.86	23.10	22.91	24.00
15	64QAM	1	0	22.81	22.85	22.77	24.00
15	64QAM	1	37	22.82	23.04	22.96	24.00
15	64QAM	1	74	22.71	22.86	22.77	24.00
15	64QAM	36	0	21.86	22.03	21.97	23.00
15	64QAM	36	20	21.91	22.02	21.98	23.00
15	64QAM	36	39	21.84	22.11	21.85	23.00
15	64QAM	75	0	21.97	22.16	21.94	23.00
15	256QAM	1	0	19.82	19.93	19.76	21.00
15	256QAM	1	37	19.69	19.89	19.70	21.00
15	256QAM	1	74	19.83	19.94	19.87	21.00
15	256QAM	36	0	19.90	20.04	19.93	21.00
15	256QAM	36	20	19.84	19.97	19.77	21.00
15	256QAM	36	39	20.02	20.06	19.91	21.00
15	256QAM	75	0	20.02	20.24	20.17	21.00
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	23.35	23.32	23.33	24.00
10	QPSK	1	25	23.10	23.27	23.09	24.00
10	QPSK	1	49	23.11	23.20	23.16	24.00
10	QPSK	25	0	23.36	23.36	23.10	24.00
10	QPSK	25	12	23.19	23.29	23.19	24.00
10	QPSK	25	25	23.10	23.24	23.21	24.00
10	QPSK	50	0	23.11	23.28	23.20	24.00
10	16QAM	1	0	23.02	23.24	23.16	24.00
10	16QAM	1	25	23.20	23.19	23.12	24.00
10	16QAM	1	49	23.00	23.24	23.07	24.00



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10	16QAM	25	0	22.91	23.03	22.87	24.00
10	16QAM	25	12	23.00	23.06	22.99	24.00
10	16QAM	25	25	22.91	23.08	23.02	24.00
10	16QAM	50	0	22.82	22.98	22.88	24.00
10	64QAM	1	0	22.82	22.84	22.77	24.00
10	64QAM	1	25	22.87	22.92	22.95	24.00
10	64QAM	1	49	22.65	22.86	22.81	24.00
10	64QAM	25	0	21.90	22.14	22.01	23.00
10	64QAM	25	12	21.93	22.04	22.02	23.00
10	64QAM	25	25	21.94	22.00	21.95	23.00
10	64QAM	50	0	22.03	22.15	21.89	23.00
10	256QAM	1	0	19.73	20.00	19.72	21.00
10	256QAM	1	25	19.67	19.88	19.73	21.00
10	256QAM	1	49	19.81	19.95	19.78	21.00
10	256QAM	25	0	19.77	20.03	19.91	21.00
10	256QAM	25	12	19.94	19.95	19.79	21.00
10	256QAM	25	25	19.95	20.14	19.87	21.00
10	256QAM	50	0	19.94	20.28	20.04	21.00
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	23.35	23.43	23.40	24.00
5	QPSK	1	12	23.23	23.27	23.05	24.00
5	QPSK	1	24	23.09	23.20	23.22	24.00
5	QPSK	12	0	23.33	23.37	23.15	24.00
5	QPSK	12	7	23.24	23.19	23.21	24.00
5	QPSK	12	13	23.05	23.27	23.20	24.00
5	QPSK	25	0	23.08	23.34	23.16	24.00
5	16QAM	1	0	23.06	23.19	23.19	24.00
5	16QAM	1	12	23.18	23.29	23.21	24.00
5	16QAM	1	24	22.92	23.22	23.03	24.00
5	16QAM	12	0	22.96	22.96	22.93	24.00
5	16QAM	12	7	23.00	23.11	23.05	24.00
5	16QAM	12	13	22.89	23.06	22.99	24.00
5	16QAM	25	0	22.84	23.02	22.86	24.00
5	64QAM	1	0	22.88	22.92	22.82	24.00
5	64QAM	1	12	22.84	23.00	22.90	24.00
5	64QAM	1	24	22.65	22.93	22.78	24.00
5	64QAM	12	0	21.85	22.10	22.04	23.00
5	64QAM	12	7	21.87	22.06	21.95	23.00
5	64QAM	12	13	21.85	22.06	21.85	23.00
5	64QAM	25	0	22.02	22.09	22.00	23.00
5	256QAM	1	0	19.80	19.96	19.82	21.00
5	256QAM	1	12	19.61	19.95	19.82	21.00
5	256QAM	1	24	19.71	19.97	19.87	21.00
5	256QAM	12	0	19.88	20.02	19.91	21.00
5	256QAM	12	7	19.88	19.97	19.88	21.00
5	256QAM	12	13	19.98	20.04	19.96	21.00
5	256QAM	25	0	19.94	20.25	20.13	21.00

【LTE Band 43 (96)_Ant 3_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	23.51	23.54	23.51	24.00
20	QPSK	1	49	23.26	23.37	23.33	24.00
20	QPSK	1	99	23.20	23.37	23.27	24.00
20	QPSK	50	0	23.29	23.45	23.29	24.00
20	QPSK	50	24	23.23	23.26	23.28	24.00
20	QPSK	50	50	23.25	23.25	23.23	24.00
20	QPSK	100	0	23.16	23.36	23.22	24.00
20	16QAM	1	0	23.09	23.21	23.13	24.00
20	16QAM	1	49	23.23	23.33	23.28	24.00
20	16QAM	1	99	23.15	23.29	23.13	24.00
20	16QAM	50	0	23.04	23.17	22.99	24.00
20	16QAM	50	24	22.87	23.07	22.92	24.00
20	16QAM	50	50	22.91	23.08	23.04	24.00
20	16QAM	100	0	22.81	23.00	22.95	24.00
20	64QAM	1	0	22.85	23.08	22.95	24.00
20	64QAM	1	49	22.93	23.11	23.00	24.00
20	64QAM	1	99	23.05	23.11	23.01	24.00
20	64QAM	50	0	22.26	22.32	22.27	23.00
20	64QAM	50	24	22.17	22.31	22.23	23.00



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20	64QAM	50	50	22.08	22.23	22.07	23.00
20	64QAM	100	0	22.08	22.20	22.03	23.00
20	256QAM	1	0	20.11	20.17	20.04	21.00
20	256QAM	1	49	20.03	20.18	20.12	21.00
20	256QAM	1	99	20.01	20.12	20.02	21.00
20	256QAM	50	0	19.99	20.07	19.98	21.00
20	256QAM	50	24	19.88	20.07	19.92	21.00
20	256QAM	50	50	19.94	20.08	19.95	21.00
20	256QAM	100	0	19.94	20.10	19.99	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.39	23.48	23.40	24.00
15	QPSK	1	37	23.11	23.32	23.20	24.00
15	QPSK	1	74	23.11	23.35	23.20	24.00
15	QPSK	36	0	23.27	23.41	23.24	24.00
15	QPSK	36	20	23.12	23.28	23.21	24.00
15	QPSK	36	39	23.20	23.30	23.17	24.00
15	QPSK	75	0	23.13	23.27	23.19	24.00
15	16QAM	1	0	22.97	23.17	23.06	24.00
15	16QAM	1	37	23.21	23.26	23.23	24.00
15	16QAM	1	74	23.08	23.28	23.01	24.00
15	16QAM	36	0	22.99	23.12	22.85	24.00
15	16QAM	36	20	22.82	23.06	22.85	24.00
15	16QAM	36	39	22.82	23.05	22.96	24.00
15	16QAM	75	0	22.78	22.90	22.81	24.00
15	64QAM	1	0	22.84	22.95	22.87	24.00
15	64QAM	1	37	22.87	23.04	22.89	24.00
15	64QAM	1	74	23.03	23.08	23.00	24.00
15	64QAM	36	0	22.24	22.29	22.23	23.00
15	64QAM	36	20	22.05	22.24	22.14	23.00
15	64QAM	36	39	21.94	22.16	21.93	23.00
15	64QAM	75	0	21.93	22.12	21.97	23.00
15	256QAM	1	0	20.09	20.15	19.91	21.00
15	256QAM	1	37	19.91	20.13	20.04	21.00
15	256QAM	1	74	19.88	20.04	19.91	21.00
15	256QAM	36	0	19.98	19.95	19.89	21.00
15	256QAM	36	20	19.80	19.93	19.79	21.00
15	256QAM	36	39	19.81	20.00	19.90	21.00
15	256QAM	75	0	19.88	19.97	19.85	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.37	23.53	23.43	24.00
10	QPSK	1	25	23.23	23.22	23.32	24.00
10	QPSK	1	49	23.12	23.27	23.25	24.00
10	QPSK	25	0	23.18	23.30	23.21	24.00
10	QPSK	25	12	23.12	23.33	23.17	24.00
10	QPSK	25	25	23.21	23.34	23.10	24.00
10	QPSK	50	0	23.04	23.28	23.09	24.00
10	16QAM	1	0	22.95	23.15	23.11	24.00
10	16QAM	1	25	23.18	23.20	23.25	24.00
10	16QAM	1	49	23.06	23.18	23.08	24.00
10	16QAM	25	0	22.97	23.06	22.89	24.00
10	16QAM	25	12	22.83	23.02	22.88	24.00
10	16QAM	25	25	22.77	22.94	22.90	24.00
10	16QAM	50	0	22.77	22.92	22.81	24.00
10	64QAM	1	0	22.78	23.07	22.89	24.00
10	64QAM	1	25	22.80	22.96	22.87	24.00
10	64QAM	1	49	22.97	23.00	22.92	24.00
10	64QAM	25	0	22.17	22.28	22.12	23.00
10	64QAM	25	12	22.14	22.18	22.19	23.00
10	64QAM	25	25	21.99	22.10	21.93	23.00
10	64QAM	50	0	22.06	22.18	22.00	23.00
10	256QAM	1	0	20.04	20.09	19.99	21.00
10	256QAM	1	25	19.92	20.05	20.05	21.00
10	256QAM	1	49	19.96	20.05	19.98	21.00
10	256QAM	25	0	19.98	20.06	19.90	21.00
10	256QAM	25	12	19.73	20.05	19.88	21.00
10	256QAM	25	25	19.90	20.05	19.84	21.00
10	256QAM	50	0	19.88	19.99	19.94	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.47	23.42	23.47	24.00
5	QPSK	1	12	23.12	23.26	23.29	24.00
5	QPSK	1	24	23.15	23.25	23.21	24.00
5	QPSK	12	0	23.25	23.40	23.17	24.00
5	QPSK	12	7	23.21	23.28	23.13	24.00
5	QPSK	12	13	23.16	23.21	23.10	24.00
5	QPSK	25	0	23.14	23.24	23.16	24.00



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5	16QAM	1	0	22.97	23.17	23.03	24.00
5	16QAM	1	12	23.09	23.28	23.25	24.00
5	16QAM	1	24	23.11	23.21	23.08	24.00
5	16QAM	12	0	23.02	23.05	22.94	24.00
5	16QAM	12	7	22.84	22.96	22.87	24.00
5	16QAM	12	13	22.84	23.06	22.90	24.00
5	16QAM	25	0	22.69	22.91	22.88	24.00
5	64QAM	1	0	22.79	23.04	22.93	24.00
5	64QAM	1	12	22.81	23.09	22.90	24.00
5	64QAM	1	24	22.92	22.99	23.00	24.00
5	64QAM	12	0	22.22	22.25	22.23	23.00
5	64QAM	12	7	22.04	22.29	22.12	23.00
5	64QAM	12	13	22.05	22.10	22.03	23.00
5	64QAM	25	0	21.94	22.09	21.99	23.00
5	256QAM	1	0	19.96	20.05	19.98	21.00
5	256QAM	1	12	19.99	20.07	20.04	21.00
5	256QAM	1	24	19.90	20.02	19.97	21.00
5	256QAM	12	0	19.95	19.95	19.89	21.00
5	256QAM	12	7	19.78	20.05	19.88	21.00
5	256QAM	12	13	19.86	20.06	19.84	21.00
5	256QAM	25	0	19.80	20.04	19.87	21.00

【LTE Band 43 (96)_Ant 3_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	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	16.78	17.04	16.93	18.60
20	QPSK	1	49	16.63	16.66	16.65	18.60
20	QPSK	1	99	16.64	16.75	16.66	18.60
20	QPSK	50	0	16.74	16.98	16.96	18.60
20	QPSK	50	24	16.64	16.65	16.63	18.60
20	QPSK	50	50	16.73	16.66	16.62	18.60
20	QPSK	100	0	16.68	16.81	16.89	18.60
20	16QAM	1	0	16.66	16.93	16.89	18.60
20	16QAM	1	49	16.74	16.99	16.80	18.60
20	16QAM	1	99	16.65	16.96	16.85	18.60
20	16QAM	50	0	16.68	16.98	16.85	18.60
20	16QAM	50	24	16.70	17.00	16.87	18.60
20	16QAM	50	50	16.66	16.88	16.84	18.60
20	16QAM	100	0	16.65	16.98	16.90	18.60
20	64QAM	1	0	16.71	16.89	16.91	18.60
20	64QAM	1	49	16.65	16.85	16.86	18.60
20	64QAM	1	99	16.66	16.85	16.95	18.60
20	64QAM	50	0	16.71	16.96	16.87	18.60
20	64QAM	50	24	16.64	16.81	16.84	18.60
20	64QAM	50	50	16.71	16.90	16.93	18.60
20	64QAM	100	0	16.69	16.86	16.93	18.60
20	256QAM	1	0	16.72	16.88	16.80	18.60
20	256QAM	1	49	16.66	16.92	16.79	18.60
20	256QAM	1	99	16.64	16.95	16.85	18.60
20	256QAM	50	0	16.64	16.91	16.84	18.60
20	256QAM	50	24	16.72	16.85	16.87	18.60
20	256QAM	50	50	16.66	16.81	16.86	18.60
20	256QAM	100	0	16.71	16.93	16.86	18.60
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	16.77	17.00	16.90	18.60
15	QPSK	1	37	16.62	16.78	16.79	18.60
15	QPSK	1	74	16.71	16.79	16.81	18.60
15	QPSK	36	0	16.67	16.82	16.83	18.60
15	QPSK	36	20	16.75	16.79	16.86	18.60
15	QPSK	36	39	16.67	16.83	16.92	18.60
15	QPSK	75	0	16.65	16.69	16.74	18.60
15	16QAM	1	0	16.64	16.84	16.81	18.60
15	16QAM	1	37	16.68	16.85	16.78	18.60
15	16QAM	1	74	16.63	16.83	16.71	18.60
15	16QAM	36	0	16.70	16.84	16.72	18.60
15	16QAM	36	20	16.71	16.99	16.76	18.60
15	16QAM	36	39	16.67	16.85	16.69	18.60
15	16QAM	75	0	16.70	16.86	16.80	18.60
15	64QAM	1	0	16.61	16.87	16.77	18.60
15	64QAM	1	37	16.62	16.73	16.72	18.60



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15	64QAM	1	74	16.71	16.74	16.92	18.60
15	64QAM	36	0	16.72	16.86	16.80	18.60
15	64QAM	36	20	16.61	16.77	16.80	18.60
15	64QAM	36	39	16.65	16.85	16.79	18.60
15	64QAM	75	0	16.68	16.71	16.90	18.60
15	256QAM	1	0	16.60	16.84	16.73	18.60
15	256QAM	1	37	16.68	16.87	16.69	18.60
15	256QAM	1	74	16.67	16.94	16.82	18.60
15	256QAM	36	0	16.63	16.85	16.80	18.60
15	256QAM	36	20	16.61	16.71	16.86	18.60
15	256QAM	36	39	16.72	16.68	16.72	18.60
15	256QAM	75	0	16.64	16.86	16.81	18.60
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	16.66	16.93	16.88	18.60
10	QPSK	1	25	16.73	16.74	16.82	18.60
10	QPSK	1	49	16.61	16.85	16.80	18.60
10	QPSK	25	0	16.63	16.89	16.93	18.60
10	QPSK	25	12	16.68	16.90	16.82	18.60
10	QPSK	25	25	16.62	16.82	16.87	18.60
10	QPSK	50	0	16.61	16.75	16.82	18.60
10	16QAM	1	0	16.60	16.90	16.77	18.60
10	16QAM	1	25	16.68	16.89	16.73	18.60
10	16QAM	1	49	16.71	16.89	16.71	18.60
10	16QAM	25	0	16.61	16.87	16.74	18.60
10	16QAM	25	12	16.67	16.94	16.73	18.60
10	16QAM	25	25	16.68	16.86	16.76	18.60
10	16QAM	50	0	16.62	16.83	16.85	18.60
10	64QAM	1	0	16.68	16.79	16.76	18.60
10	64QAM	1	25	16.73	16.73	16.72	18.60
10	64QAM	1	49	16.68	16.82	16.86	18.60
10	64QAM	25	0	16.63	16.93	16.73	18.60
10	64QAM	25	12	16.65	16.75	16.75	18.60
10	64QAM	25	25	16.70	16.75	16.82	18.60
10	64QAM	50	0	16.60	16.80	16.90	18.60
10	256QAM	1	0	16.64	16.82	16.72	18.60
10	256QAM	1	25	16.60	16.80	16.75	18.60
10	256QAM	1	49	16.63	16.83	16.79	18.60
10	256QAM	25	0	16.62	16.83	16.74	18.60
10	256QAM	25	12	16.62	16.80	16.85	18.60
10	256QAM	25	25	16.70	16.75	16.80	18.60
10	256QAM	50	0	16.61	16.81	16.78	18.60
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	16.70	16.90	16.79	18.60
5	QPSK	1	12	16.64	16.80	16.84	18.60
5	QPSK	1	24	16.65	16.82	16.74	18.60
5	QPSK	12	0	16.61	16.79	16.83	18.60
5	QPSK	12	7	16.65	16.87	16.90	18.60
5	QPSK	12	13	16.65	16.79	16.83	18.60
5	QPSK	25	0	16.63	16.73	16.79	18.60
5	16QAM	1	0	16.61	16.82	16.81	18.60
5	16QAM	1	12	16.60	16.87	16.72	18.60
5	16QAM	1	24	16.67	16.92	16.80	18.60
5	16QAM	12	0	16.61	16.94	16.81	18.60
5	16QAM	12	7	16.61	16.94	16.74	18.60
5	16QAM	12	13	16.62	16.80	16.75	18.60
5	16QAM	25	0	16.73	16.96	16.81	18.60
5	64QAM	1	0	16.69	16.76	16.78	18.60
5	64QAM	1	12	16.68	16.80	16.76	18.60
5	64QAM	1	24	16.73	16.72	16.91	18.60
5	64QAM	12	0	16.61	16.87	16.84	18.60
5	64QAM	12	7	16.61	16.71	16.74	18.60
5	64QAM	12	13	16.64	16.83	16.82	18.60
5	64QAM	25	0	16.65	16.77	16.83	18.60
5	256QAM	1	0	16.64	16.80	16.72	18.60
5	256QAM	1	12	16.71	16.89	16.78	18.60
5	256QAM	1	24	16.74	16.90	16.79	18.60
5	256QAM	12	0	16.67	16.88	16.77	18.60
5	256QAM	12	7	16.62	16.77	16.73	18.60
5	256QAM	12	13	16.65	16.77	16.85	18.60
5	256QAM	25	0	16.72	16.91	16.83	18.60

**【LTE Band 43 (96)_Ant 3_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	23.51	23.54	23.51	24.00
20	QPSK	1	49	23.26	23.37	23.33	24.00
20	QPSK	1	99	23.20	23.37	23.27	24.00
20	QPSK	50	0	23.29	23.45	23.29	24.00
20	QPSK	50	24	23.23	23.26	23.28	24.00
20	QPSK	50	50	23.25	23.25	23.23	24.00
20	QPSK	100	0	23.16	23.36	23.22	24.00
20	16QAM	1	0	23.09	23.21	23.13	24.00
20	16QAM	1	49	23.23	23.33	23.28	24.00
20	16QAM	1	99	23.15	23.29	23.13	24.00
20	16QAM	50	0	23.04	23.17	22.99	24.00
20	16QAM	50	24	22.87	23.07	22.92	24.00
20	16QAM	50	50	22.91	23.08	23.04	24.00
20	16QAM	100	0	22.81	23.00	22.95	24.00
20	64QAM	1	0	22.85	23.08	22.95	24.00
20	64QAM	1	49	22.93	23.11	23.00	24.00
20	64QAM	1	99	23.05	23.11	23.01	24.00
20	64QAM	50	0	22.26	22.32	22.27	23.00
20	64QAM	50	24	22.17	22.31	22.23	23.00
20	64QAM	50	50	22.08	22.23	22.07	23.00
20	64QAM	100	0	22.08	22.20	22.03	23.00
20	256QAM	1	0	20.11	20.17	20.04	21.00
20	256QAM	1	49	20.03	20.18	20.12	21.00
20	256QAM	1	99	20.01	20.12	20.02	21.00
20	256QAM	50	0	19.99	20.07	19.98	21.00
20	256QAM	50	24	19.88	20.07	19.92	21.00
20	256QAM	50	50	19.94	20.08	19.95	21.00
20	256QAM	100	0	19.94	20.10	19.99	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.39	23.48	23.40	24.00
15	QPSK	1	37	23.11	23.32	23.20	24.00
15	QPSK	1	74	23.11	23.35	23.20	24.00
15	QPSK	36	0	23.27	23.41	23.24	24.00
15	QPSK	36	20	23.12	23.28	23.21	24.00
15	QPSK	36	39	23.20	23.30	23.17	24.00
15	QPSK	75	0	23.13	23.27	23.19	24.00
15	16QAM	1	0	22.97	23.17	23.06	24.00
15	16QAM	1	37	23.21	23.26	23.23	24.00
15	16QAM	1	74	23.08	23.28	23.01	24.00
15	16QAM	36	0	22.99	23.12	22.85	24.00
15	16QAM	36	20	22.82	23.06	22.85	24.00
15	16QAM	36	39	22.82	23.05	22.96	24.00
15	16QAM	75	0	22.78	22.90	22.81	24.00
15	64QAM	1	0	22.84	22.95	22.87	24.00
15	64QAM	1	37	22.87	23.04	22.89	24.00
15	64QAM	1	74	23.03	23.08	23.00	24.00
15	64QAM	36	0	22.24	22.29	22.23	23.00
15	64QAM	36	20	22.05	22.24	22.14	23.00
15	64QAM	36	39	21.94	22.16	21.93	23.00
15	64QAM	75	0	21.93	22.12	21.97	23.00
15	256QAM	1	0	20.09	20.15	19.91	21.00
15	256QAM	1	37	19.91	20.13	20.04	21.00
15	256QAM	1	74	19.88	20.04	19.91	21.00
15	256QAM	36	0	19.98	19.95	19.89	21.00
15	256QAM	36	20	19.80	19.93	19.79	21.00
15	256QAM	36	39	19.81	20.00	19.90	21.00
15	256QAM	75	0	19.88	19.97	19.85	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.37	23.53	23.43	24.00
10	QPSK	1	25	23.23	23.22	23.32	24.00
10	QPSK	1	49	23.12	23.27	23.25	24.00
10	QPSK	25	0	23.18	23.30	23.21	24.00
10	QPSK	25	12	23.12	23.33	23.17	24.00
10	QPSK	25	25	23.21	23.34	23.10	24.00
10	QPSK	50	0	23.04	23.28	23.09	24.00
10	16QAM	1	0	22.95	23.15	23.11	24.00
10	16QAM	1	25	23.18	23.20	23.25	24.00
10	16QAM	1	49	23.06	23.18	23.08	24.00



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10	16QAM	25	0	22.97	23.06	22.89	24.00
10	16QAM	25	12	22.83	23.02	22.88	24.00
10	16QAM	25	25	22.77	22.94	22.90	24.00
10	16QAM	50	0	22.77	22.92	22.81	24.00
10	64QAM	1	0	22.78	23.07	22.89	24.00
10	64QAM	1	25	22.80	22.96	22.87	24.00
10	64QAM	1	49	22.97	23.00	22.92	24.00
10	64QAM	25	0	22.17	22.28	22.12	23.00
10	64QAM	25	12	22.14	22.18	22.19	23.00
10	64QAM	25	25	21.99	22.10	21.93	23.00
10	64QAM	50	0	22.06	22.18	22.00	23.00
10	256QAM	1	0	20.04	20.09	19.99	21.00
10	256QAM	1	25	19.92	20.05	20.05	21.00
10	256QAM	1	49	19.96	20.05	19.98	21.00
10	256QAM	25	0	19.98	20.06	19.90	21.00
10	256QAM	25	12	19.73	20.05	19.88	21.00
10	256QAM	25	25	19.90	20.05	19.84	21.00
10	256QAM	50	0	19.88	19.99	19.94	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.47	23.42	23.47	24.00
5	QPSK	1	12	23.12	23.26	23.29	24.00
5	QPSK	1	24	23.15	23.25	23.21	24.00
5	QPSK	12	0	23.25	23.40	23.17	24.00
5	QPSK	12	7	23.21	23.28	23.13	24.00
5	QPSK	12	13	23.16	23.21	23.10	24.00
5	QPSK	25	0	23.14	23.24	23.16	24.00
5	16QAM	1	0	22.97	23.17	23.03	24.00
5	16QAM	1	12	23.09	23.28	23.25	24.00
5	16QAM	1	24	23.11	23.21	23.08	24.00
5	16QAM	12	0	23.02	23.05	22.94	24.00
5	16QAM	12	7	22.84	22.96	22.87	24.00
5	16QAM	12	13	22.84	23.06	22.90	24.00
5	16QAM	25	0	22.69	22.91	22.88	24.00
5	64QAM	1	0	22.79	23.04	22.93	24.00
5	64QAM	1	12	22.81	23.09	22.90	24.00
5	64QAM	1	24	22.92	22.99	23.00	24.00
5	64QAM	12	0	22.22	22.25	22.23	23.00
5	64QAM	12	7	22.04	22.29	22.12	23.00
5	64QAM	12	13	22.05	22.10	22.03	23.00
5	64QAM	25	0	21.94	22.09	21.99	23.00
5	256QAM	1	0	19.96	20.05	19.98	21.00
5	256QAM	1	12	19.99	20.07	20.04	21.00
5	256QAM	1	24	19.90	20.02	19.97	21.00
5	256QAM	12	0	19.95	19.95	19.89	21.00
5	256QAM	12	7	19.78	20.05	19.88	21.00
5	256QAM	12	13	19.86	20.06	19.84	21.00
5	256QAM	25	0	19.80	20.04	19.87	21.00

【LTE Band 43 (96)_Ant 3_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	20.39	20.65	20.58	22.20
20	QPSK	1	49	20.31	20.31	20.21	22.20
20	QPSK	1	99	20.32	20.25	20.23	22.20
20	QPSK	50	0	20.32	20.57	20.51	22.20
20	QPSK	50	24	20.25	20.21	20.25	22.20
20	QPSK	50	50	20.27	20.23	20.24	22.20
20	QPSK	100	0	20.29	20.46	20.46	22.20
20	16QAM	1	0	20.26	20.47	20.49	22.20
20	16QAM	1	49	20.33	20.53	20.52	22.20
20	16QAM	1	99	20.30	20.45	20.46	22.20
20	16QAM	50	0	20.28	20.49	20.43	22.20
20	16QAM	50	24	20.30	20.54	20.53	22.20
20	16QAM	50	50	20.27	20.48	20.41	22.20
20	16QAM	100	0	20.28	20.50	20.50	22.20
20	64QAM	1	0	20.28	20.45	20.48	22.20
20	64QAM	1	49	20.32	20.48	20.42	22.20
20	64QAM	1	99	20.33	20.47	20.52	22.20
20	64QAM	50	0	20.29	20.50	20.51	22.20
20	64QAM	50	24	20.31	20.51	20.51	22.20



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20	64QAM	50	50	20.27	20.47	20.52	22.20
20	64QAM	100	0	20.28	20.50	20.51	22.20
20	256QAM	1	0	19.19	19.46	19.36	21.00
20	256QAM	1	49	19.15	19.49	19.35	21.00
20	256QAM	1	99	19.19	19.43	19.37	21.00
20	256QAM	50	0	19.21	19.41	19.39	21.00
20	256QAM	50	24	19.17	19.41	19.41	21.00
20	256QAM	50	50	19.16	19.50	19.38	21.00
20	256QAM	100	0	19.16	19.44	19.37	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	20.33	20.54	20.45	22.20
15	QPSK	1	37	20.25	20.41	20.33	22.20
15	QPSK	1	74	20.29	20.49	20.34	22.20
15	QPSK	36	0	20.32	20.50	20.48	22.20
15	QPSK	36	20	20.27	20.52	20.36	22.20
15	QPSK	36	39	20.31	20.47	20.39	22.20
15	QPSK	75	0	20.23	20.42	20.36	22.20
15	16QAM	1	0	20.22	20.43	20.44	22.20
15	16QAM	1	37	20.21	20.45	20.49	22.20
15	16QAM	1	74	20.27	20.32	20.44	22.20
15	16QAM	36	0	20.26	20.41	20.36	22.20
15	16QAM	36	20	20.29	20.40	20.40	22.20
15	16QAM	36	39	20.21	20.35	20.28	22.20
15	16QAM	75	0	20.35	20.41	20.40	22.20
15	64QAM	1	0	20.25	20.39	20.44	22.20
15	64QAM	1	37	20.22	20.43	20.30	22.20
15	64QAM	1	74	20.27	20.36	20.49	22.20
15	64QAM	36	0	20.26	20.45	20.40	22.20
15	64QAM	36	20	20.29	20.42	20.42	22.20
15	64QAM	36	39	20.31	20.45	20.45	22.20
15	64QAM	75	0	20.26	20.43	20.49	22.20
15	256QAM	1	0	19.08	19.01	19.12	21.00
15	256QAM	1	37	19.14	19.08	19.05	21.00
15	256QAM	1	74	19.10	19.04	19.01	21.00
15	256QAM	36	0	19.01	19.09	19.05	21.00
15	256QAM	36	20	19.02	19.11	19.12	21.00
15	256QAM	36	39	19.04	19.05	19.00	21.00
15	256QAM	75	0	19.01	19.05	19.03	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	20.32	20.61	20.54	22.20
10	QPSK	1	25	20.29	20.46	20.31	22.20
10	QPSK	1	49	20.31	20.40	20.33	22.20
10	QPSK	25	0	20.33	20.45	20.40	22.20
10	QPSK	25	12	20.23	20.42	20.36	22.20
10	QPSK	25	25	20.27	20.39	20.36	22.20
10	QPSK	50	0	20.20	20.36	20.41	22.20
10	16QAM	1	0	20.23	20.34	20.37	22.20
10	16QAM	1	25	20.30	20.41	20.42	22.20
10	16QAM	1	49	20.24	20.37	20.37	22.20
10	16QAM	25	0	20.21	20.38	20.39	22.20
10	16QAM	25	12	20.30	20.46	20.46	22.20
10	16QAM	25	25	20.28	20.36	20.28	22.20
10	16QAM	50	0	20.23	20.48	20.38	22.20
10	64QAM	1	0	20.24	20.31	20.39	22.20
10	64QAM	1	25	20.30	20.37	20.34	22.20
10	64QAM	1	49	20.21	20.44	20.38	22.20
10	64QAM	25	0	20.25	20.37	20.36	22.20
10	64QAM	25	12	20.24	20.38	20.45	22.20
10	64QAM	25	25	20.22	20.39	20.38	22.20
10	64QAM	50	0	20.26	20.42	20.39	22.20
10	256QAM	1	0	19.04	19.12	19.03	21.00
10	256QAM	1	25	19.10	19.11	19.14	21.00
10	256QAM	1	49	19.10	19.03	19.11	21.00
10	256QAM	25	0	19.11	19.03	19.10	21.00
10	256QAM	25	12	19.01	19.02	19.07	21.00
10	256QAM	25	25	19.01	19.09	19.08	21.00
10	256QAM	50	0	19.10	19.08	19.04	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	20.36	20.59	20.45	22.20
5	QPSK	1	12	20.26	20.42	20.33	22.20
5	QPSK	1	24	20.20	20.38	20.30	22.20
5	QPSK	12	0	20.29	20.45	20.47	22.20
5	QPSK	12	7	20.23	20.47	20.31	22.20
5	QPSK	12	13	20.23	20.44	20.29	22.20
5	QPSK	25	0	20.28	20.38	20.33	22.20



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5	16QAM	1	0	20.22	20.35	20.40	22.20
5	16QAM	1	12	20.25	20.45	20.50	22.20
5	16QAM	1	24	20.21	20.43	20.37	22.20
5	16QAM	12	0	20.25	20.41	20.39	22.20
5	16QAM	12	7	20.29	20.43	20.48	22.20
5	16QAM	12	13	20.24	20.40	20.33	22.20
5	16QAM	25	0	20.33	20.49	20.46	22.20
5	64QAM	1	0	20.23	20.39	20.46	22.20
5	64QAM	1	12	20.30	20.45	20.36	22.20
5	64QAM	1	24	20.26	20.33	20.43	22.20
5	64QAM	12	0	20.32	20.42	20.46	22.20
5	64QAM	12	7	20.30	20.46	20.45	22.20
5	64QAM	12	13	20.26	20.33	20.46	22.20
5	64QAM	25	0	20.29	20.46	20.37	22.20
5	256QAM	1	0	19.07	19.02	19.15	21.00
5	256QAM	1	12	19.02	19.11	19.01	21.00
5	256QAM	1	24	19.11	19.13	19.06	21.00
5	256QAM	12	0	19.03	19.14	19.07	21.00
5	256QAM	12	7	19.05	19.01	19.09	21.00
5	256QAM	12	13	19.04	19.14	19.10	21.00
5	256QAM	25	0	19.05	19.08	19.03	21.00

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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				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.14	19.32	19.31	20.20
20	QPSK	1	49	18.97	19.11	19.03	20.20
20	QPSK	1	99	19.05	19.05	19.02	20.20
20	QPSK	50	0	19.04	19.27	19.24	20.20
20	QPSK	50	24	19.03	19.01	19.01	20.20
20	QPSK	50	50	19.00	19.02	19.00	20.20
20	QPSK	100	0	18.99	19.19	19.16	20.20
20	16QAM	1	0	19.04	19.27	19.17	20.20
20	16QAM	1	49	18.94	19.20	19.21	20.20
20	16QAM	1	99	19.00	19.23	19.25	20.20
20	16QAM	50	0	19.04	19.27	19.23	20.20
20	16QAM	50	24	19.02	19.26	19.21	20.20
20	16QAM	50	50	18.94	19.21	19.17	20.20
20	16QAM	100	0	19.03	19.20	19.19	20.20
20	64QAM	1	0	18.92	19.24	19.19	20.20
20	64QAM	1	49	19.03	19.28	19.22	20.20
20	64QAM	1	99	18.96	19.24	19.19	20.20
20	64QAM	50	0	18.98	19.21	19.19	20.20
20	64QAM	50	24	18.94	19.23	19.16	20.20
20	64QAM	50	50	18.97	19.19	19.19	20.20
20	64QAM	100	0	18.95	19.21	19.19	20.20
20	256QAM	1	0	19.06	19.27	19.24	20.20
20	256QAM	1	49	18.96	19.25	19.17	20.20
20	256QAM	1	99	19.02	19.27	19.26	20.20
20	256QAM	50	0	18.96	19.24	19.17	20.20
20	256QAM	50	24	18.96	19.21	19.25	20.20
20	256QAM	50	50	18.96	19.26	19.24	20.20
20	256QAM	100	0	18.99	19.24	19.21	20.20
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.00	19.20	19.26	20.20
15	QPSK	1	37	18.87	19.06	19.15	20.20
15	QPSK	1	74	19.03	19.17	19.15	20.20
15	QPSK	36	0	18.95	19.20	19.15	20.20
15	QPSK	36	20	18.89	19.08	19.12	20.20
15	QPSK	36	39	18.88	19.17	19.06	20.20
15	QPSK	75	0	18.93	19.18	19.04	20.20
15	16QAM	1	0	18.95	19.22	19.10	20.20
15	16QAM	1	37	18.93	19.10	19.15	20.20
15	16QAM	1	74	18.95	19.12	19.22	20.20
15	16QAM	36	0	19.01	19.15	19.14	20.20
15	16QAM	36	20	18.91	19.11	19.14	20.20
15	16QAM	36	39	18.90	19.07	19.14	20.20
15	16QAM	75	0	18.91	19.10	19.17	20.20
15	64QAM	1	0	18.87	19.19	19.15	20.20
15	64QAM	1	37	18.96	19.23	19.18	20.20



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15	64QAM	1	74	18.90	19.13	19.09	20.20
15	64QAM	36	0	18.93	19.12	19.12	20.20
15	64QAM	36	20	18.91	19.13	19.12	20.20
15	64QAM	36	39	18.89	19.14	19.13	20.20
15	64QAM	75	0	18.80	19.17	19.05	20.20
15	256QAM	1	0	18.96	19.24	19.21	20.20
15	256QAM	1	37	18.93	19.24	19.08	20.20
15	256QAM	1	74	18.94	19.14	19.21	20.20
15	256QAM	36	0	18.87	19.13	19.02	20.20
15	256QAM	36	20	18.94	19.14	19.15	20.20
15	256QAM	36	39	18.92	19.11	19.20	20.20
15	256QAM	75	0	18.98	19.21	19.08	20.20
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	19.05	19.19	19.27	20.20
10	QPSK	1	25	18.94	19.09	19.06	20.20
10	QPSK	1	49	18.94	19.12	19.07	20.20
10	QPSK	25	0	19.01	19.21	19.16	20.20
10	QPSK	25	12	18.96	19.14	19.14	20.20
10	QPSK	25	25	18.90	19.13	19.05	20.20
10	QPSK	50	0	18.92	19.15	19.05	20.20
10	16QAM	1	0	18.91	19.23	19.16	20.20
10	16QAM	1	25	18.81	19.12	19.19	20.20
10	16QAM	1	49	18.88	19.19	19.12	20.20
10	16QAM	25	0	18.91	19.22	19.21	20.20
10	16QAM	25	12	18.89	19.24	19.12	20.20
10	16QAM	25	25	18.83	19.11	19.03	20.20
10	16QAM	50	0	18.91	19.10	19.09	20.20
10	64QAM	1	0	18.90	19.19	19.12	20.20
10	64QAM	1	25	19.01	19.21	19.11	20.20
10	64QAM	1	49	18.85	19.13	19.16	20.20
10	64QAM	25	0	18.85	19.09	19.14	20.20
10	64QAM	25	12	18.87	19.15	19.01	20.20
10	64QAM	25	25	18.85	19.10	19.17	20.20
10	64QAM	50	0	18.90	19.19	19.08	20.20
10	256QAM	1	0	19.05	19.20	19.19	20.20
10	256QAM	1	25	18.87	19.22	19.16	20.20
10	256QAM	1	49	18.99	19.12	19.13	20.20
10	256QAM	25	0	18.84	19.10	19.03	20.20
10	256QAM	25	12	18.88	19.10	19.17	20.20
10	256QAM	25	25	18.89	19.24	19.19	20.20
10	256QAM	50	0	18.96	19.17	19.20	20.20
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	19.07	19.30	19.19	20.20
5	QPSK	1	12	18.85	19.12	19.12	20.20
5	QPSK	1	24	18.91	19.15	19.04	20.20
5	QPSK	12	0	18.95	19.18	19.22	20.20
5	QPSK	12	7	19.02	19.08	19.21	20.20
5	QPSK	12	13	18.96	19.14	19.07	20.20
5	QPSK	25	0	18.92	19.13	19.10	20.20
5	16QAM	1	0	18.93	19.25	19.06	20.20
5	16QAM	1	12	18.82	19.08	19.07	20.20
5	16QAM	1	24	18.93	19.20	19.15	20.20
5	16QAM	12	0	18.98	19.16	19.21	20.20
5	16QAM	12	7	18.98	19.14	19.17	20.20
5	16QAM	12	13	18.82	19.11	19.11	20.20
5	16QAM	25	0	18.88	19.07	19.15	20.20
5	64QAM	1	0	18.87	19.20	19.05	20.20
5	64QAM	1	12	18.94	19.24	19.07	20.20
5	64QAM	1	24	18.89	19.13	19.05	20.20
5	64QAM	12	0	18.91	19.10	19.11	20.20
5	64QAM	12	7	18.86	19.16	19.10	20.20
5	64QAM	12	13	18.89	19.10	19.07	20.20
5	64QAM	25	0	18.85	19.12	19.08	20.20
5	256QAM	1	0	18.96	19.13	19.14	20.20
5	256QAM	1	12	18.94	19.24	19.07	20.20
5	256QAM	1	24	18.88	19.12	19.12	20.20
5	256QAM	12	0	18.81	19.14	19.06	20.20
5	256QAM	12	7	18.84	19.10	19.18	20.20
5	256QAM	12	13	18.92	19.23	19.14	20.20
5	256QAM	25	0	18.97	19.23	19.16	20.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	20.39	20.65	20.58	22.20
20	QPSK	1	49	20.31	20.31	20.21	22.20
20	QPSK	1	99	20.32	20.25	20.23	22.20
20	QPSK	50	0	20.32	20.57	20.51	22.20
20	QPSK	50	24	20.25	20.21	20.25	22.20
20	QPSK	50	50	20.27	20.23	20.24	22.20
20	QPSK	100	0	20.29	20.46	20.46	22.20
20	16QAM	1	0	20.26	20.47	20.49	22.20
20	16QAM	1	49	20.33	20.53	20.52	22.20
20	16QAM	1	99	20.30	20.45	20.46	22.20
20	16QAM	50	0	20.28	20.49	20.43	22.20
20	16QAM	50	24	20.30	20.54	20.53	22.20
20	16QAM	50	50	20.27	20.48	20.41	22.20
20	16QAM	100	0	20.28	20.50	20.50	22.20
20	64QAM	1	0	20.28	20.45	20.48	22.20
20	64QAM	1	49	20.32	20.48	20.42	22.20
20	64QAM	1	99	20.33	20.47	20.52	22.20
20	64QAM	50	0	20.29	20.50	20.51	22.20
20	64QAM	50	24	20.31	20.51	20.51	22.20
20	64QAM	50	50	20.27	20.47	20.52	22.20
20	64QAM	100	0	20.28	20.50	20.51	22.20
20	256QAM	1	0	19.19	19.46	19.36	21.00
20	256QAM	1	49	19.15	19.49	19.35	21.00
20	256QAM	1	99	19.19	19.43	19.37	21.00
20	256QAM	50	0	19.21	19.41	19.39	21.00
20	256QAM	50	24	19.17	19.41	19.41	21.00
20	256QAM	50	50	19.16	19.50	19.38	21.00
20	256QAM	100	0	19.16	19.44	19.37	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	20.33	20.54	20.45	22.20
15	QPSK	1	37	20.25	20.41	20.33	22.20
15	QPSK	1	74	20.29	20.49	20.34	22.20
15	QPSK	36	0	20.32	20.50	20.48	22.20
15	QPSK	36	20	20.27	20.52	20.36	22.20
15	QPSK	36	39	20.31	20.47	20.39	22.20
15	QPSK	75	0	20.23	20.42	20.36	22.20
15	16QAM	1	0	20.22	20.43	20.44	22.20
15	16QAM	1	37	20.21	20.45	20.49	22.20
15	16QAM	1	74	20.27	20.32	20.44	22.20
15	16QAM	36	0	20.26	20.41	20.36	22.20
15	16QAM	36	20	20.29	20.40	20.40	22.20
15	16QAM	36	39	20.21	20.35	20.28	22.20
15	16QAM	75	0	20.35	20.41	20.40	22.20
15	64QAM	1	0	20.25	20.39	20.44	22.20
15	64QAM	1	37	20.22	20.43	20.30	22.20
15	64QAM	1	74	20.27	20.36	20.49	22.20
15	64QAM	36	0	20.26	20.45	20.40	22.20
15	64QAM	36	20	20.29	20.42	20.42	22.20
15	64QAM	36	39	20.31	20.45	20.45	22.20
15	64QAM	75	0	20.26	20.43	20.49	22.20
15	256QAM	1	0	19.08	19.01	19.12	21.00
15	256QAM	1	37	19.14	19.08	19.05	21.00
15	256QAM	1	74	19.10	19.04	19.01	21.00
15	256QAM	36	0	19.01	19.09	19.05	21.00
15	256QAM	36	20	19.02	19.11	19.12	21.00
15	256QAM	36	39	19.04	19.05	19.00	21.00
15	256QAM	75	0	19.01	19.05	19.03	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	20.32	20.61	20.54	22.20
10	QPSK	1	25	20.29	20.46	20.31	22.20
10	QPSK	1	49	20.31	20.40	20.33	22.20
10	QPSK	25	0	20.33	20.45	20.40	22.20
10	QPSK	25	12	20.23	20.42	20.36	22.20
10	QPSK	25	25	20.27	20.39	20.36	22.20
10	QPSK	50	0	20.20	20.36	20.41	22.20
10	16QAM	1	0	20.23	20.34	20.37	22.20
10	16QAM	1	25	20.30	20.41	20.42	22.20
10	16QAM	1	49	20.24	20.37	20.37	22.20



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10	16QAM	25	0	20.21	20.38	20.39	22.20
10	16QAM	25	12	20.30	20.46	20.46	22.20
10	16QAM	25	25	20.28	20.36	20.28	22.20
10	16QAM	50	0	20.23	20.48	20.38	22.20
10	64QAM	1	0	20.24	20.31	20.39	22.20
10	64QAM	1	25	20.30	20.37	20.34	22.20
10	64QAM	1	49	20.21	20.44	20.38	22.20
10	64QAM	25	0	20.25	20.37	20.36	22.20
10	64QAM	25	12	20.24	20.38	20.45	22.20
10	64QAM	25	25	20.22	20.39	20.38	22.20
10	64QAM	50	0	20.26	20.42	20.39	22.20
10	256QAM	1	0	19.04	19.12	19.03	21.00
10	256QAM	1	25	19.10	19.11	19.14	21.00
10	256QAM	1	49	19.10	19.03	19.11	21.00
10	256QAM	25	0	19.11	19.03	19.10	21.00
10	256QAM	25	12	19.01	19.02	19.07	21.00
10	256QAM	25	25	19.01	19.09	19.08	21.00
10	256QAM	50	0	19.10	19.08	19.04	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	20.36	20.59	20.45	22.20
5	QPSK	1	12	20.26	20.42	20.33	22.20
5	QPSK	1	24	20.20	20.38	20.30	22.20
5	QPSK	12	0	20.29	20.45	20.47	22.20
5	QPSK	12	7	20.23	20.47	20.31	22.20
5	QPSK	12	13	20.23	20.44	20.29	22.20
5	QPSK	25	0	20.28	20.38	20.33	22.20
5	16QAM	1	0	20.22	20.35	20.40	22.20
5	16QAM	1	12	20.25	20.45	20.50	22.20
5	16QAM	1	24	20.21	20.43	20.37	22.20
5	16QAM	12	0	20.25	20.41	20.39	22.20
5	16QAM	12	7	20.29	20.43	20.48	22.20
5	16QAM	12	13	20.24	20.40	20.33	22.20
5	16QAM	25	0	20.33	20.49	20.46	22.20
5	64QAM	1	0	20.23	20.39	20.46	22.20
5	64QAM	1	12	20.30	20.45	20.36	22.20
5	64QAM	1	24	20.26	20.33	20.43	22.20
5	64QAM	12	0	20.32	20.42	20.46	22.20
5	64QAM	12	7	20.30	20.46	20.45	22.20
5	64QAM	12	13	20.26	20.33	20.46	22.20
5	64QAM	25	0	20.29	20.46	20.37	22.20
5	256QAM	1	0	19.07	19.02	19.15	21.00
5	256QAM	1	12	19.02	19.11	19.01	21.00
5	256QAM	1	24	19.11	19.13	19.06	21.00
5	256QAM	12	0	19.03	19.14	19.07	21.00
5	256QAM	12	7	19.05	19.01	19.09	21.00
5	256QAM	12	13	19.04	19.14	19.10	21.00
5	256QAM	25	0	19.05	19.08	19.03	21.00

【LTE Band 43 (96)_Ant 3_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	23.51	23.54	23.51	24.00
20	QPSK	1	49	23.26	23.37	23.33	24.00
20	QPSK	1	99	23.20	23.37	23.27	24.00
20	QPSK	50	0	23.29	23.45	23.29	24.00
20	QPSK	50	24	23.23	23.26	23.28	24.00
20	QPSK	50	50	23.25	23.25	23.23	24.00
20	QPSK	100	0	23.16	23.36	23.22	24.00
20	16QAM	1	0	23.09	23.21	23.13	24.00
20	16QAM	1	49	23.23	23.33	23.28	24.00
20	16QAM	1	99	23.15	23.29	23.13	24.00
20	16QAM	50	0	23.04	23.17	22.99	24.00
20	16QAM	50	24	22.87	23.07	22.92	24.00
20	16QAM	50	50	22.91	23.08	23.04	24.00
20	16QAM	100	0	22.81	23.00	22.95	24.00
20	64QAM	1	0	22.85	23.08	22.95	24.00
20	64QAM	1	49	22.93	23.11	23.00	24.00
20	64QAM	1	99	23.05	23.11	23.01	24.00
20	64QAM	50	0	22.26	22.32	22.27	23.00
20	64QAM	50	24	22.17	22.31	22.23	23.00



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20	64QAM	50	50	22.08	22.23	22.07	23.00
20	64QAM	100	0	22.08	22.20	22.03	23.00
20	256QAM	1	0	20.11	20.17	20.04	21.00
20	256QAM	1	49	20.03	20.18	20.12	21.00
20	256QAM	1	99	20.01	20.12	20.02	21.00
20	256QAM	50	0	19.99	20.07	19.98	21.00
20	256QAM	50	24	19.88	20.07	19.92	21.00
20	256QAM	50	50	19.94	20.08	19.95	21.00
20	256QAM	100	0	19.94	20.10	19.99	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.39	23.48	23.40	24.00
15	QPSK	1	37	23.11	23.32	23.20	24.00
15	QPSK	1	74	23.11	23.35	23.20	24.00
15	QPSK	36	0	23.27	23.41	23.24	24.00
15	QPSK	36	20	23.12	23.28	23.21	24.00
15	QPSK	36	39	23.20	23.30	23.17	24.00
15	QPSK	75	0	23.13	23.27	23.19	24.00
15	16QAM	1	0	22.97	23.17	23.06	24.00
15	16QAM	1	37	23.21	23.26	23.23	24.00
15	16QAM	1	74	23.08	23.28	23.01	24.00
15	16QAM	36	0	22.99	23.12	22.85	24.00
15	16QAM	36	20	22.82	23.06	22.85	24.00
15	16QAM	36	39	22.82	23.05	22.96	24.00
15	16QAM	75	0	22.78	22.90	22.81	24.00
15	64QAM	1	0	22.84	22.95	22.87	24.00
15	64QAM	1	37	22.87	23.04	22.89	24.00
15	64QAM	1	74	23.03	23.08	23.00	24.00
15	64QAM	36	0	22.24	22.29	22.23	23.00
15	64QAM	36	20	22.05	22.24	22.14	23.00
15	64QAM	36	39	21.94	22.16	21.93	23.00
15	64QAM	75	0	21.93	22.12	21.97	23.00
15	256QAM	1	0	20.09	20.15	19.91	21.00
15	256QAM	1	37	19.91	20.13	20.04	21.00
15	256QAM	1	74	19.88	20.04	19.91	21.00
15	256QAM	36	0	19.98	19.95	19.89	21.00
15	256QAM	36	20	19.80	19.93	19.79	21.00
15	256QAM	36	39	19.81	20.00	19.90	21.00
15	256QAM	75	0	19.88	19.97	19.85	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.37	23.53	23.43	24.00
10	QPSK	1	25	23.23	23.22	23.32	24.00
10	QPSK	1	49	23.12	23.27	23.25	24.00
10	QPSK	25	0	23.18	23.30	23.21	24.00
10	QPSK	25	12	23.12	23.33	23.17	24.00
10	QPSK	25	25	23.21	23.34	23.10	24.00
10	QPSK	50	0	23.04	23.28	23.09	24.00
10	16QAM	1	0	22.95	23.15	23.11	24.00
10	16QAM	1	25	23.18	23.20	23.25	24.00
10	16QAM	1	49	23.06	23.18	23.08	24.00
10	16QAM	25	0	22.97	23.06	22.89	24.00
10	16QAM	25	12	22.83	23.02	22.88	24.00
10	16QAM	25	25	22.77	22.94	22.90	24.00
10	16QAM	50	0	22.77	22.92	22.81	24.00
10	64QAM	1	0	22.78	23.07	22.89	24.00
10	64QAM	1	25	22.80	22.96	22.87	24.00
10	64QAM	1	49	22.97	23.00	22.92	24.00
10	64QAM	25	0	22.17	22.28	22.12	23.00
10	64QAM	25	12	22.14	22.18	22.19	23.00
10	64QAM	25	25	21.99	22.10	21.93	23.00
10	64QAM	50	0	22.06	22.18	22.00	23.00
10	256QAM	1	0	20.04	20.09	19.99	21.00
10	256QAM	1	25	19.92	20.05	20.05	21.00
10	256QAM	1	49	19.96	20.05	19.98	21.00
10	256QAM	25	0	19.98	20.06	19.90	21.00
10	256QAM	25	12	19.73	20.05	19.88	21.00
10	256QAM	25	25	19.90	20.05	19.84	21.00
10	256QAM	50	0	19.88	19.99	19.94	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.47	23.42	23.47	24.00
5	QPSK	1	12	23.12	23.26	23.29	24.00
5	QPSK	1	24	23.15	23.25	23.21	24.00
5	QPSK	12	0	23.25	23.40	23.17	24.00
5	QPSK	12	7	23.21	23.28	23.13	24.00
5	QPSK	12	13	23.16	23.21	23.10	24.00
5	QPSK	25	0	23.14	23.24	23.16	24.00



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5	16QAM	1	0	22.97	23.17	23.03	24.00
5	16QAM	1	12	23.09	23.28	23.25	24.00
5	16QAM	1	24	23.11	23.21	23.08	24.00
5	16QAM	12	0	23.02	23.05	22.94	24.00
5	16QAM	12	7	22.84	22.96	22.87	24.00
5	16QAM	12	13	22.84	23.06	22.90	24.00
5	16QAM	25	0	22.69	22.91	22.88	24.00
5	64QAM	1	0	22.79	23.04	22.93	24.00
5	64QAM	1	12	22.81	23.09	22.90	24.00
5	64QAM	1	24	22.92	22.99	23.00	24.00
5	64QAM	12	0	22.22	22.25	22.23	23.00
5	64QAM	12	7	22.04	22.29	22.12	23.00
5	64QAM	12	13	22.05	22.10	22.03	23.00
5	64QAM	25	0	21.94	22.09	21.99	23.00
5	256QAM	1	0	19.96	20.05	19.98	21.00
5	256QAM	1	12	19.99	20.07	20.04	21.00
5	256QAM	1	24	19.90	20.02	19.97	21.00
5	256QAM	12	0	19.95	19.95	19.89	21.00
5	256QAM	12	7	19.78	20.05	19.88	21.00
5	256QAM	12	13	19.86	20.06	19.84	21.00
5	256QAM	25	0	19.80	20.04	19.87	21.00

【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	23.03	23.15	22.94	24.00
20	QPSK	1	49	22.82	22.93	22.74	24.00
20	QPSK	1	99	22.68	22.90	22.58	24.00
20	QPSK	50	0	22.92	22.99	22.66	24.00
20	QPSK	50	24	22.81	22.85	22.68	24.00
20	QPSK	50	50	22.81	22.81	22.73	24.00
20	QPSK	100	0	22.85	22.96	22.84	24.00
20	16QAM	1	0	22.81	22.93	22.75	24.00
20	16QAM	1	49	22.72	22.84	22.65	24.00
20	16QAM	1	99	22.87	22.99	22.79	24.00
20	16QAM	50	0	22.58	22.69	22.51	24.00
20	16QAM	50	24	22.52	22.78	22.52	24.00
20	16QAM	50	50	22.41	22.72	22.49	24.00
20	16QAM	100	0	22.51	22.72	22.55	24.00
20	64QAM	1	0	22.61	22.73	22.53	24.00
20	64QAM	1	49	22.39	22.70	22.40	24.00
20	64QAM	1	99	22.48	22.63	22.30	24.00
20	64QAM	50	0	21.57	21.70	21.48	23.00
20	64QAM	50	24	21.58	21.73	21.51	23.00
20	64QAM	50	50	21.49	21.60	21.43	23.00
20	64QAM	100	0	21.60	21.77	21.47	23.00
20	256QAM	1	0	19.41	19.63	19.30	21.00
20	256QAM	1	49	19.35	19.64	19.43	21.00
20	256QAM	1	99	19.42	19.47	19.33	21.00
20	256QAM	50	0	19.57	19.76	19.52	21.00
20	256QAM	50	24	19.63	19.77	19.52	21.00
20	256QAM	50	50	19.46	19.70	19.42	21.00
20	256QAM	100	0	19.63	19.70	19.46	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.97	23.11	22.89	24.00
15	QPSK	1	37	22.71	22.86	22.59	24.00
15	QPSK	1	74	22.61	22.79	22.49	24.00
15	QPSK	36	0	22.89	22.86	22.52	24.00
15	QPSK	36	20	22.86	22.77	22.67	24.00
15	QPSK	36	39	22.73	22.78	22.63	24.00
15	QPSK	75	0	22.70	22.88	22.69	24.00
15	16QAM	1	0	22.68	22.88	22.67	24.00
15	16QAM	1	37	22.61	22.82	22.55	24.00
15	16QAM	1	74	22.82	22.98	22.72	24.00
15	16QAM	36	0	22.47	22.60	22.39	24.00
15	16QAM	36	20	22.49	22.68	22.43	24.00
15	16QAM	36	39	22.28	22.70	22.37	24.00
15	16QAM	75	0	22.41	22.64	22.46	24.00
15	64QAM	1	0	22.48	22.70	22.49	24.00
15	64QAM	1	37	22.35	22.68	22.37	24.00



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15	64QAM	1	74	22.43	22.57	22.15	24.00
15	64QAM	36	0	21.46	21.63	21.39	23.00
15	64QAM	36	20	21.54	21.61	21.42	23.00
15	64QAM	36	39	21.43	21.47	21.34	23.00
15	64QAM	75	0	21.54	21.65	21.34	23.00
15	256QAM	1	0	19.33	19.52	19.22	21.00
15	256QAM	1	37	19.26	19.62	19.32	21.00
15	256QAM	1	74	19.37	19.35	19.21	21.00
15	256QAM	36	0	19.46	19.74	19.43	21.00
15	256QAM	36	20	19.58	19.74	19.42	21.00
15	256QAM	36	39	19.41	19.68	19.28	21.00
15	256QAM	75	0	19.56	19.58	19.39	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.91	23.03	22.88	24.00
10	QPSK	1	25	22.70	22.92	22.62	24.00
10	QPSK	1	49	22.60	22.81	22.56	24.00
10	QPSK	25	0	22.87	22.98	22.64	24.00
10	QPSK	25	12	22.80	22.79	22.61	24.00
10	QPSK	25	25	22.80	22.91	22.62	24.00
10	QPSK	50	0	22.75	22.82	22.82	24.00
10	16QAM	1	0	22.66	22.90	22.72	24.00
10	16QAM	1	25	22.70	22.78	22.60	24.00
10	16QAM	1	49	22.78	22.95	22.72	24.00
10	16QAM	25	0	22.43	22.63	22.49	24.00
10	16QAM	25	12	22.42	22.76	22.44	24.00
10	16QAM	25	25	22.27	22.62	22.35	24.00
10	16QAM	50	0	22.43	22.60	22.46	24.00
10	64QAM	1	0	22.58	22.62	22.44	24.00
10	64QAM	1	25	22.25	22.64	22.37	24.00
10	64QAM	1	49	22.38	22.51	22.18	24.00
10	64QAM	25	0	21.45	21.65	21.39	23.00
10	64QAM	25	12	21.55	21.62	21.37	23.00
10	64QAM	25	25	21.45	21.46	21.28	23.00
10	64QAM	50	0	21.53	21.67	21.35	23.00
10	256QAM	1	0	19.31	19.52	19.16	21.00
10	256QAM	1	25	19.22	19.53	19.31	21.00
10	256QAM	1	49	19.34	19.45	19.22	21.00
10	256QAM	25	0	19.45	19.67	19.50	21.00
10	256QAM	25	12	19.53	19.70	19.43	21.00
10	256QAM	25	25	19.44	19.55	19.32	21.00
10	256QAM	50	0	19.60	19.68	19.40	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.00	23.05	22.85	24.00
5	QPSK	1	12	22.72	22.87	22.65	24.00
5	QPSK	1	24	22.56	22.82	22.54	24.00
5	QPSK	12	0	22.78	22.96	22.51	24.00
5	QPSK	12	7	22.75	22.91	22.66	24.00
5	QPSK	12	13	22.85	22.88	22.66	24.00
5	QPSK	25	0	22.74	22.82	22.72	24.00
5	16QAM	1	0	22.72	22.90	22.73	24.00
5	16QAM	1	12	22.57	22.69	22.60	24.00
5	16QAM	1	24	22.76	22.95	22.78	24.00
5	16QAM	12	0	22.45	22.56	22.43	24.00
5	16QAM	12	7	22.47	22.73	22.46	24.00
5	16QAM	12	13	22.36	22.65	22.35	24.00
5	16QAM	25	0	22.43	22.71	22.48	24.00
5	64QAM	1	0	22.49	22.69	22.46	24.00
5	64QAM	1	12	22.25	22.60	22.37	24.00
5	64QAM	1	24	22.46	22.58	22.17	24.00
5	64QAM	12	0	21.48	21.63	21.39	23.00
5	64QAM	12	7	21.45	21.71	21.44	23.00
5	64QAM	12	13	21.35	21.57	21.36	23.00
5	64QAM	25	0	21.48	21.75	21.42	23.00
5	256QAM	1	0	19.35	19.58	19.20	21.00
5	256QAM	1	12	19.34	19.59	19.35	21.00
5	256QAM	1	24	19.32	19.36	19.28	21.00
5	256QAM	12	0	19.49	19.67	19.37	21.00
5	256QAM	12	7	19.51	19.64	19.50	21.00
5	256QAM	12	13	19.32	19.66	19.28	21.00
5	256QAM	25	0	19.56	19.67	19.36	21.00

**【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	20.70
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	20.34	20.42	20.39	20.70
20	QPSK	1	49	19.95	20.30	20.17	20.70
20	QPSK	1	99	19.87	20.27	20.06	20.70
20	QPSK	50	0	20.29	20.39	20.38	20.70
20	QPSK	50	24	20.09	20.21	20.19	20.70
20	QPSK	50	50	19.94	20.23	20.00	20.70
20	QPSK	100	0	19.84	20.27	20.03	20.70
20	16QAM	1	0	19.94	20.24	19.98	20.70
20	16QAM	1	49	20.01	20.39	20.14	20.70
20	16QAM	1	99	19.89	20.29	20.04	20.70
20	16QAM	50	0	19.94	20.20	20.13	20.70
20	16QAM	50	24	19.93	20.27	20.05	20.70
20	16QAM	50	50	19.93	20.28	20.14	20.70
20	16QAM	100	0	19.82	20.23	19.98	20.70
20	64QAM	1	0	19.87	20.20	20.00	20.70
20	64QAM	1	49	19.79	20.11	19.98	20.70
20	64QAM	1	99	19.85	20.14	19.99	20.70
20	64QAM	50	0	19.87	20.20	20.00	20.70
20	64QAM	50	24	19.87	20.18	20.01	20.70
20	64QAM	50	50	19.81	20.21	20.01	20.70
20	64QAM	100	0	19.81	20.20	19.96	20.70
20	256QAM	1	0	19.85	20.18	20.01	20.70
20	256QAM	1	49	19.87	20.19	19.94	20.70
20	256QAM	1	99	19.79	20.19	19.98	20.70
20	256QAM	50	0	19.78	20.19	19.97	20.70
20	256QAM	50	24	19.87	20.14	19.99	20.70
20	256QAM	50	50	19.85	20.10	19.97	20.70
20	256QAM	100	0	19.87	20.20	19.99	20.70
Channel				43665	44090	44515	20.70
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	20.30	20.35	20.26	20.70
15	QPSK	1	37	19.92	20.33	20.08	20.70
15	QPSK	1	74	19.74	20.25	19.97	20.70
15	QPSK	36	0	20.18	20.36	20.27	20.70
15	QPSK	36	20	19.99	20.26	20.16	20.70
15	QPSK	36	39	19.92	20.21	19.94	20.70
15	QPSK	75	0	19.78	20.23	19.95	20.70
15	16QAM	1	0	19.84	20.22	19.97	20.70
15	16QAM	1	37	19.93	20.27	20.09	20.70
15	16QAM	1	74	19.82	20.23	19.95	20.70
15	16QAM	36	0	19.89	20.14	20.04	20.70
15	16QAM	36	20	19.87	20.21	19.95	20.70
15	16QAM	36	39	19.87	20.15	20.11	20.70
15	16QAM	75	0	19.73	20.11	19.95	20.70
15	64QAM	1	0	19.85	20.16	19.90	20.70
15	64QAM	1	37	19.66	20.04	19.92	20.70
15	64QAM	1	74	19.71	20.11	19.88	20.70
15	64QAM	36	0	19.84	20.17	19.98	20.70
15	64QAM	36	20	19.73	20.13	19.87	20.70
15	64QAM	36	39	19.74	20.08	19.94	20.70
15	64QAM	75	0	19.80	20.08	19.87	20.70
15	256QAM	1	0	19.75	20.13	19.86	20.70
15	256QAM	1	37	19.76	20.15	19.91	20.70
15	256QAM	1	74	19.66	20.08	19.91	20.70
15	256QAM	36	0	19.71	20.16	19.84	20.70
15	256QAM	36	20	19.79	20.11	19.85	20.70
15	256QAM	36	39	19.78	19.96	19.95	20.70
15	256QAM	75	0	19.77	20.11	19.96	20.70
Channel				43640	44090	44540	20.70
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	20.26	20.33	20.31	20.70
10	QPSK	1	25	19.89	20.28	20.04	20.70
10	QPSK	1	49	19.85	20.24	20.00	20.70
10	QPSK	25	0	20.16	20.31	20.27	20.70
10	QPSK	25	12	20.08	20.26	20.14	20.70
10	QPSK	25	25	19.93	20.17	19.92	20.70
10	QPSK	50	0	19.79	20.17	19.89	20.70
10	16QAM	1	0	19.81	20.14	19.93	20.70
10	16QAM	1	25	19.99	20.30	19.99	20.70
10	16QAM	1	49	19.75	20.19	19.92	20.70



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10	16QAM	25	0	19.81	20.11	20.04	20.70
10	16QAM	25	12	19.80	20.17	19.95	20.70
10	16QAM	25	25	19.89	20.26	20.02	20.70
10	16QAM	50	0	19.68	20.20	19.89	20.70
10	64QAM	1	0	19.84	20.10	19.85	20.70
10	64QAM	1	25	19.69	20.03	19.85	20.70
10	64QAM	1	49	19.74	20.06	19.93	20.70
10	64QAM	25	0	19.75	20.08	19.93	20.70
10	64QAM	25	12	19.83	20.07	19.90	20.70
10	64QAM	25	25	19.67	20.15	19.88	20.70
10	64QAM	50	0	19.69	20.13	19.86	20.70
10	256QAM	1	0	19.73	20.09	19.97	20.70
10	256QAM	1	25	19.80	20.13	19.92	20.70
10	256QAM	1	49	19.71	20.16	19.85	20.70
10	256QAM	25	0	19.75	20.06	19.86	20.70
10	256QAM	25	12	19.77	20.12	19.96	20.70
10	256QAM	25	25	19.78	20.01	19.89	20.70
10	256QAM	50	0	19.82	20.17	19.84	20.70
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	20.27	20.32	20.33	20.70
5	QPSK	1	12	19.82	20.31	20.05	20.70
5	QPSK	1	24	19.77	20.13	19.91	20.70
5	QPSK	12	0	20.22	20.31	20.36	20.70
5	QPSK	12	7	20.03	20.28	20.13	20.70
5	QPSK	12	13	19.86	20.21	19.91	20.70
5	QPSK	25	0	19.78	20.23	19.95	20.70
5	16QAM	1	0	19.80	20.17	19.86	20.70
5	16QAM	1	12	19.88	20.37	20.03	20.70
5	16QAM	1	24	19.83	20.25	19.90	20.70
5	16QAM	12	0	19.86	20.19	20.07	20.70
5	16QAM	12	7	19.89	20.16	20.03	20.70
5	16QAM	12	13	19.89	20.14	20.07	20.70
5	16QAM	25	0	19.74	20.17	19.87	20.70
5	64QAM	1	0	19.72	20.16	19.90	20.70
5	64QAM	1	12	19.74	20.10	19.88	20.70
5	64QAM	1	24	19.72	20.11	19.93	20.70
5	64QAM	12	0	19.84	20.16	19.91	20.70
5	64QAM	12	7	19.86	20.15	19.87	20.70
5	64QAM	12	13	19.75	20.16	19.87	20.70
5	64QAM	25	0	19.79	20.06	19.84	20.70
5	256QAM	1	0	19.83	20.07	19.95	20.70
5	256QAM	1	12	19.79	20.11	19.89	20.70
5	256QAM	1	24	19.73	20.16	19.84	20.70
5	256QAM	12	0	19.74	20.16	19.85	20.70
5	256QAM	12	7	19.81	20.10	19.88	20.70
5	256QAM	12	13	19.82	19.98	19.95	20.70
5	256QAM	25	0	19.74	20.08	19.94	20.70

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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	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.03	23.15	22.94	24.00
20	QPSK	1	49	22.82	22.93	22.74	24.00
20	QPSK	1	99	22.68	22.90	22.58	24.00
20	QPSK	50	0	22.92	22.99	22.66	24.00
20	QPSK	50	24	22.81	22.85	22.68	24.00
20	QPSK	50	50	22.81	22.81	22.73	24.00
20	QPSK	100	0	22.85	22.96	22.84	24.00
20	16QAM	1	0	22.81	22.93	22.75	24.00
20	16QAM	1	49	22.72	22.84	22.65	24.00
20	16QAM	1	99	22.87	22.99	22.79	24.00
20	16QAM	50	0	22.58	22.69	22.51	24.00
20	16QAM	50	24	22.52	22.78	22.52	24.00
20	16QAM	50	50	22.41	22.72	22.49	24.00
20	16QAM	100	0	22.51	22.72	22.55	24.00
20	64QAM	1	0	22.61	22.73	22.53	24.00
20	64QAM	1	49	22.39	22.70	22.40	24.00
20	64QAM	1	99	22.48	22.63	22.30	24.00
20	64QAM	50	0	21.57	21.70	21.48	23.00
20	64QAM	50	24	21.58	21.73	21.51	23.00



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20	64QAM	50	50	21.49	21.60	21.43	23.00
20	64QAM	100	0	21.60	21.77	21.47	23.00
20	256QAM	1	0	19.41	19.63	19.30	21.00
20	256QAM	1	49	19.35	19.64	19.43	21.00
20	256QAM	1	99	19.42	19.47	19.33	21.00
20	256QAM	50	0	19.57	19.76	19.52	21.00
20	256QAM	50	24	19.63	19.77	19.52	21.00
20	256QAM	50	50	19.46	19.70	19.42	21.00
20	256QAM	100	0	19.63	19.70	19.46	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.97	23.11	22.89	24.00
15	QPSK	1	37	22.71	22.86	22.59	24.00
15	QPSK	1	74	22.61	22.79	22.49	24.00
15	QPSK	36	0	22.89	22.86	22.52	24.00
15	QPSK	36	20	22.86	22.77	22.67	24.00
15	QPSK	36	39	22.73	22.78	22.63	24.00
15	QPSK	75	0	22.70	22.88	22.69	24.00
15	16QAM	1	0	22.68	22.88	22.67	24.00
15	16QAM	1	37	22.61	22.82	22.55	24.00
15	16QAM	1	74	22.82	22.98	22.72	24.00
15	16QAM	36	0	22.47	22.60	22.39	24.00
15	16QAM	36	20	22.49	22.68	22.43	24.00
15	16QAM	36	39	22.28	22.70	22.37	24.00
15	16QAM	75	0	22.41	22.64	22.46	24.00
15	64QAM	1	0	22.48	22.70	22.49	24.00
15	64QAM	1	37	22.35	22.68	22.37	24.00
15	64QAM	1	74	22.43	22.57	22.15	24.00
15	64QAM	36	0	21.46	21.63	21.39	23.00
15	64QAM	36	20	21.54	21.61	21.42	23.00
15	64QAM	36	39	21.43	21.47	21.34	23.00
15	64QAM	75	0	21.54	21.65	21.34	23.00
15	256QAM	1	0	19.33	19.52	19.22	21.00
15	256QAM	1	37	19.26	19.62	19.32	21.00
15	256QAM	1	74	19.37	19.35	19.21	21.00
15	256QAM	36	0	19.46	19.74	19.43	21.00
15	256QAM	36	20	19.58	19.74	19.42	21.00
15	256QAM	36	39	19.41	19.68	19.28	21.00
15	256QAM	75	0	19.56	19.58	19.39	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.91	23.03	22.88	24.00
10	QPSK	1	25	22.70	22.92	22.62	24.00
10	QPSK	1	49	22.60	22.81	22.56	24.00
10	QPSK	25	0	22.87	22.98	22.64	24.00
10	QPSK	25	12	22.80	22.79	22.61	24.00
10	QPSK	25	25	22.80	22.91	22.62	24.00
10	QPSK	50	0	22.75	22.82	22.82	24.00
10	16QAM	1	0	22.66	22.90	22.72	24.00
10	16QAM	1	25	22.70	22.78	22.60	24.00
10	16QAM	1	49	22.78	22.95	22.72	24.00
10	16QAM	25	0	22.43	22.63	22.49	24.00
10	16QAM	25	12	22.42	22.76	22.44	24.00
10	16QAM	25	25	22.27	22.62	22.35	24.00
10	16QAM	50	0	22.43	22.60	22.46	24.00
10	64QAM	1	0	22.58	22.62	22.44	24.00
10	64QAM	1	25	22.25	22.64	22.37	24.00
10	64QAM	1	49	22.38	22.51	22.18	24.00
10	64QAM	25	0	21.45	21.65	21.39	23.00
10	64QAM	25	12	21.55	21.62	21.37	23.00
10	64QAM	25	25	21.45	21.46	21.28	23.00
10	64QAM	50	0	21.53	21.67	21.35	23.00
10	256QAM	1	0	19.31	19.52	19.16	21.00
10	256QAM	1	25	19.22	19.53	19.31	21.00
10	256QAM	1	49	19.34	19.45	19.22	21.00
10	256QAM	25	0	19.45	19.67	19.50	21.00
10	256QAM	25	12	19.53	19.70	19.43	21.00
10	256QAM	25	25	19.44	19.55	19.32	21.00
10	256QAM	50	0	19.60	19.68	19.40	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.00	23.05	22.85	24.00
5	QPSK	1	12	22.72	22.87	22.65	24.00
5	QPSK	1	24	22.56	22.82	22.54	24.00
5	QPSK	12	0	22.78	22.96	22.51	24.00
5	QPSK	12	7	22.75	22.91	22.66	24.00
5	QPSK	12	13	22.85	22.88	22.66	24.00
5	QPSK	25	0	22.74	22.82	22.72	24.00



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5	16QAM	1	0	22.72	22.90	22.73	24.00
5	16QAM	1	12	22.57	22.69	22.60	24.00
5	16QAM	1	24	22.76	22.95	22.78	24.00
5	16QAM	12	0	22.45	22.56	22.43	24.00
5	16QAM	12	7	22.47	22.73	22.46	24.00
5	16QAM	12	13	22.36	22.65	22.35	24.00
5	16QAM	25	0	22.43	22.71	22.48	24.00
5	64QAM	1	0	22.49	22.69	22.46	24.00
5	64QAM	1	12	22.25	22.60	22.37	24.00
5	64QAM	1	24	22.46	22.58	22.17	24.00
5	64QAM	12	0	21.48	21.63	21.39	23.00
5	64QAM	12	7	21.45	21.71	21.44	23.00
5	64QAM	12	13	21.35	21.57	21.36	23.00
5	64QAM	25	0	21.48	21.75	21.42	23.00
5	256QAM	1	0	19.35	19.58	19.20	21.00
5	256QAM	1	12	19.34	19.59	19.35	21.00
5	256QAM	1	24	19.32	19.36	19.28	21.00
5	256QAM	12	0	19.49	19.67	19.37	21.00
5	256QAM	12	7	19.51	19.64	19.50	21.00
5	256QAM	12	13	19.32	19.66	19.28	21.00
5	256QAM	25	0	19.56	19.67	19.36	21.00

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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				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.03	23.15	22.94	24.00
20	QPSK	1	49	22.82	22.93	22.74	24.00
20	QPSK	1	99	22.68	22.90	22.58	24.00
20	QPSK	50	0	22.92	22.99	22.66	24.00
20	QPSK	50	24	22.81	22.85	22.68	24.00
20	QPSK	50	50	22.81	22.81	22.73	24.00
20	QPSK	100	0	22.85	22.96	22.84	24.00
20	16QAM	1	0	22.81	22.93	22.75	24.00
20	16QAM	1	49	22.72	22.84	22.65	24.00
20	16QAM	1	99	22.87	22.99	22.79	24.00
20	16QAM	50	0	22.58	22.69	22.51	24.00
20	16QAM	50	24	22.52	22.78	22.52	24.00
20	16QAM	50	50	22.41	22.72	22.49	24.00
20	16QAM	100	0	22.51	22.72	22.55	24.00
20	64QAM	1	0	22.61	22.73	22.53	24.00
20	64QAM	1	49	22.39	22.70	22.40	24.00
20	64QAM	1	99	22.48	22.63	22.30	24.00
20	64QAM	50	0	21.57	21.70	21.48	23.00
20	64QAM	50	24	21.58	21.73	21.51	23.00
20	64QAM	50	50	21.49	21.60	21.43	23.00
20	64QAM	100	0	21.60	21.77	21.47	23.00
20	256QAM	1	0	19.41	19.63	19.30	21.00
20	256QAM	1	49	19.35	19.64	19.43	21.00
20	256QAM	1	99	19.42	19.47	19.33	21.00
20	256QAM	50	0	19.57	19.76	19.52	21.00
20	256QAM	50	24	19.63	19.77	19.52	21.00
20	256QAM	50	50	19.46	19.70	19.42	21.00
20	256QAM	100	0	19.63	19.70	19.46	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.97	23.11	22.89	24.00
15	QPSK	1	37	22.71	22.86	22.59	24.00
15	QPSK	1	74	22.61	22.79	22.49	24.00
15	QPSK	36	0	22.89	22.86	22.52	24.00
15	QPSK	36	20	22.86	22.77	22.67	24.00
15	QPSK	36	39	22.73	22.78	22.63	24.00
15	QPSK	75	0	22.70	22.88	22.69	24.00
15	16QAM	1	0	22.68	22.88	22.67	24.00
15	16QAM	1	37	22.61	22.82	22.55	24.00
15	16QAM	1	74	22.82	22.98	22.72	24.00
15	16QAM	36	0	22.47	22.60	22.39	24.00
15	16QAM	36	20	22.49	22.68	22.43	24.00
15	16QAM	36	39	22.28	22.70	22.37	24.00
15	16QAM	75	0	22.41	22.64	22.46	24.00
15	64QAM	1	0	22.48	22.70	22.49	24.00
15	64QAM	1	37	22.35	22.68	22.37	24.00



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15	64QAM	1	74	22.43	22.57	22.15	24.00
15	64QAM	36	0	21.46	21.63	21.39	23.00
15	64QAM	36	20	21.54	21.61	21.42	23.00
15	64QAM	36	39	21.43	21.47	21.34	23.00
15	64QAM	75	0	21.54	21.65	21.34	23.00
15	256QAM	1	0	19.33	19.52	19.22	21.00
15	256QAM	1	37	19.26	19.62	19.32	21.00
15	256QAM	1	74	19.37	19.35	19.21	21.00
15	256QAM	36	0	19.46	19.74	19.43	21.00
15	256QAM	36	20	19.58	19.74	19.42	21.00
15	256QAM	36	39	19.41	19.68	19.28	21.00
15	256QAM	75	0	19.56	19.58	19.39	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.91	23.03	22.88	24.00
10	QPSK	1	25	22.70	22.92	22.62	24.00
10	QPSK	1	49	22.60	22.81	22.56	24.00
10	QPSK	25	0	22.87	22.98	22.64	24.00
10	QPSK	25	12	22.80	22.79	22.61	24.00
10	QPSK	25	25	22.80	22.91	22.62	24.00
10	QPSK	50	0	22.75	22.82	22.82	24.00
10	16QAM	1	0	22.66	22.90	22.72	24.00
10	16QAM	1	25	22.70	22.78	22.60	24.00
10	16QAM	1	49	22.78	22.95	22.72	24.00
10	16QAM	25	0	22.43	22.63	22.49	24.00
10	16QAM	25	12	22.42	22.76	22.44	24.00
10	16QAM	25	25	22.27	22.62	22.35	24.00
10	16QAM	50	0	22.43	22.60	22.46	24.00
10	64QAM	1	0	22.58	22.62	22.44	24.00
10	64QAM	1	25	22.25	22.64	22.37	24.00
10	64QAM	1	49	22.38	22.51	22.18	24.00
10	64QAM	25	0	21.45	21.65	21.39	23.00
10	64QAM	25	12	21.55	21.62	21.37	23.00
10	64QAM	25	25	21.45	21.46	21.28	23.00
10	64QAM	50	0	21.53	21.67	21.35	23.00
10	256QAM	1	0	19.31	19.52	19.16	21.00
10	256QAM	1	25	19.22	19.53	19.31	21.00
10	256QAM	1	49	19.34	19.45	19.22	21.00
10	256QAM	25	0	19.45	19.67	19.50	21.00
10	256QAM	25	12	19.53	19.70	19.43	21.00
10	256QAM	25	25	19.44	19.55	19.32	21.00
10	256QAM	50	0	19.60	19.68	19.40	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.00	23.05	22.85	24.00
5	QPSK	1	12	22.72	22.87	22.65	24.00
5	QPSK	1	24	22.56	22.82	22.54	24.00
5	QPSK	12	0	22.78	22.96	22.51	24.00
5	QPSK	12	7	22.75	22.91	22.66	24.00
5	QPSK	12	13	22.85	22.88	22.66	24.00
5	QPSK	25	0	22.74	22.82	22.72	24.00
5	16QAM	1	0	22.72	22.90	22.73	24.00
5	16QAM	1	12	22.57	22.69	22.60	24.00
5	16QAM	1	24	22.76	22.95	22.78	24.00
5	16QAM	12	0	22.45	22.56	22.43	24.00
5	16QAM	12	7	22.47	22.73	22.46	24.00
5	16QAM	12	13	22.36	22.65	22.35	24.00
5	16QAM	25	0	22.43	22.71	22.48	24.00
5	64QAM	1	0	22.49	22.69	22.46	24.00
5	64QAM	1	12	22.25	22.60	22.37	24.00
5	64QAM	1	24	22.46	22.58	22.17	24.00
5	64QAM	12	0	21.48	21.63	21.39	23.00
5	64QAM	12	7	21.45	21.71	21.44	23.00
5	64QAM	12	13	21.35	21.57	21.36	23.00
5	64QAM	25	0	21.48	21.75	21.42	23.00
5	256QAM	1	0	19.35	19.58	19.20	21.00
5	256QAM	1	12	19.34	19.59	19.35	21.00
5	256QAM	1	24	19.32	19.36	19.28	21.00
5	256QAM	12	0	19.49	19.67	19.37	21.00
5	256QAM	12	7	19.51	19.64	19.50	21.00
5	256QAM	12	13	19.32	19.66	19.28	21.00
5	256QAM	25	0	19.56	19.67	19.36	21.00

**【LTE Band 43 (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				43690	44090	44490	22.60
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	22.30	22.35	22.29	22.60
20	QPSK	1	49	22.15	22.22	22.26	22.60
20	QPSK	1	99	22.19	22.10	22.17	22.60
20	QPSK	50	0	22.24	22.33	22.29	22.60
20	QPSK	50	24	22.17	22.10	22.11	22.60
20	QPSK	50	50	22.22	22.16	22.16	22.60
20	QPSK	100	0	22.24	22.21	22.20	22.60
20	16QAM	1	0	22.17	22.22	22.14	22.60
20	16QAM	1	49	22.15	22.22	22.14	22.60
20	16QAM	1	99	22.20	22.14	22.18	22.60
20	16QAM	50	0	22.12	22.21	22.11	22.60
20	16QAM	50	24	22.19	22.21	22.18	22.60
20	16QAM	50	50	22.20	22.17	22.18	22.60
20	16QAM	100	0	22.17	22.10	22.07	22.60
20	64QAM	1	0	22.23	22.15	22.11	22.60
20	64QAM	1	49	22.22	22.10	22.12	22.60
20	64QAM	1	99	22.17	22.08	22.14	22.60
20	64QAM	50	0	22.13	22.24	22.13	22.60
20	64QAM	50	24	22.13	22.09	22.07	22.60
20	64QAM	50	50	22.12	22.09	22.09	22.60
20	64QAM	100	0	22.17	22.14	22.08	22.60
20	256QAM	1	0	20.54	20.66	20.55	21.00
20	256QAM	1	49	20.62	20.57	20.53	21.00
20	256QAM	1	99	20.54	20.55	20.48	21.00
20	256QAM	50	0	20.61	20.53	20.60	21.00
20	256QAM	50	24	20.51	20.51	20.61	21.00
20	256QAM	50	50	20.58	20.58	20.64	21.00
20	256QAM	100	0	20.46	20.51	20.64	21.00
Channel				43665	44090	44515	22.60
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.24	22.24	22.10	22.60
15	QPSK	1	37	22.09	22.07	22.15	22.60
15	QPSK	1	74	22.16	22.04	22.14	22.60
15	QPSK	36	0	22.14	22.25	22.19	22.60
15	QPSK	36	20	22.07	22.04	22.09	22.60
15	QPSK	36	39	22.13	22.12	22.14	22.60
15	QPSK	75	0	22.14	22.14	22.05	22.60
15	16QAM	1	0	22.02	22.12	22.08	22.60
15	16QAM	1	37	22.07	22.16	22.01	22.60
15	16QAM	1	74	22.07	22.01	22.11	22.60
15	16QAM	36	0	22.08	22.16	22.03	22.60
15	16QAM	36	20	22.10	22.09	22.10	22.60
15	16QAM	36	39	22.12	22.09	22.04	22.60
15	16QAM	75	0	22.09	21.97	22.00	22.60
15	64QAM	1	0	22.15	22.08	22.06	22.60
15	64QAM	1	37	22.16	22.05	22.08	22.60
15	64QAM	1	74	22.09	21.99	22.10	22.60
15	64QAM	36	0	21.99	22.14	22.00	22.60
15	64QAM	36	20	22.04	22.05	22.01	22.60
15	64QAM	36	39	22.09	21.96	22.03	22.60
15	64QAM	75	0	22.08	22.08	22.00	22.60
15	256QAM	1	0	19.03	19.12	19.08	21.00
15	256QAM	1	37	19.08	19.03	19.01	21.00
15	256QAM	1	74	19.03	19.06	19.13	21.00
15	256QAM	36	0	19.09	19.01	19.04	21.00
15	256QAM	36	20	19.10	19.11	19.05	21.00
15	256QAM	36	39	19.10	19.05	19.02	21.00
15	256QAM	75	0	19.10	19.12	19.02	21.00
Channel				43640	44090	44540	22.60
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.19	22.17	22.11	22.60
10	QPSK	1	25	22.10	22.13	22.16	22.60
10	QPSK	1	49	22.04	21.97	22.13	22.60
10	QPSK	25	0	22.19	22.28	22.22	22.60
10	QPSK	25	12	22.07	22.03	22.04	22.60
10	QPSK	25	25	22.13	22.03	22.04	22.60
10	QPSK	50	0	22.12	22.14	22.12	22.60
10	16QAM	1	0	22.04	22.20	22.02	22.60
10	16QAM	1	25	22.09	22.13	22.10	22.60
10	16QAM	1	49	22.13	22.11	22.04	22.60



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10	16QAM	25	0	22.01	22.12	22.06	22.60
10	16QAM	25	12	22.16	22.06	22.09	22.60
10	16QAM	25	25	22.05	22.12	22.06	22.60
10	16QAM	50	0	22.13	22.08	21.94	22.60
10	64QAM	1	0	22.18	22.05	21.98	22.60
10	64QAM	1	25	22.13	22.06	22.02	22.60
10	64QAM	1	49	22.13	22.06	22.10	22.60
10	64QAM	25	0	22.05	22.14	22.02	22.60
10	64QAM	25	12	22.12	22.00	21.97	22.60
10	64QAM	25	25	22.02	21.96	22.00	22.60
10	64QAM	50	0	22.13	22.10	21.97	22.60
10	256QAM	1	0	19.07	19.06	19.08	21.00
10	256QAM	1	25	19.12	19.12	19.11	21.00
10	256QAM	1	49	19.00	19.13	19.09	21.00
10	256QAM	25	0	19.07	19.05	19.05	21.00
10	256QAM	25	12	19.02	19.11	19.14	21.00
10	256QAM	25	25	19.15	19.03	19.14	21.00
10	256QAM	50	0	19.09	19.11	19.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.24	22.24	22.19	22.60
5	QPSK	1	12	22.03	22.15	22.17	22.60
5	QPSK	1	24	22.10	22.03	22.12	22.60
5	QPSK	12	0	22.10	22.31	22.23	22.60
5	QPSK	12	7	22.04	22.04	22.05	22.60
5	QPSK	12	13	22.18	22.07	22.02	22.60
5	QPSK	25	0	22.17	22.11	22.10	22.60
5	16QAM	1	0	22.07	22.12	22.01	22.60
5	16QAM	1	12	22.06	22.21	22.05	22.60
5	16QAM	1	24	22.17	22.03	22.06	22.60
5	16QAM	12	0	22.04	22.07	22.08	22.60
5	16QAM	12	7	22.07	22.09	22.12	22.60
5	16QAM	12	13	22.12	22.06	22.05	22.60
5	16QAM	25	0	22.07	22.06	22.03	22.60
5	64QAM	1	0	22.11	22.04	21.97	22.60
5	64QAM	1	12	22.08	22.01	22.06	22.60
5	64QAM	1	24	22.11	22.01	22.08	22.60
5	64QAM	12	0	22.04	22.20	22.06	22.60
5	64QAM	12	7	22.04	22.03	21.98	22.60
5	64QAM	12	13	22.08	22.00	22.06	22.60
5	64QAM	25	0	22.09	22.11	22.07	22.60
5	256QAM	1	0	19.04	19.00	19.10	21.00
5	256QAM	1	12	19.05	19.06	19.03	21.00
5	256QAM	1	24	19.02	19.13	19.06	21.00
5	256QAM	12	0	19.03	19.12	19.15	21.00
5	256QAM	12	7	19.15	19.05	19.02	21.00
5	256QAM	12	13	19.06	19.02	19.08	21.00
5	256QAM	25	0	19.04	19.01	19.04	21.00

【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	23.03	23.15	22.94	24.00
20	QPSK	1	49	22.82	22.93	22.74	24.00
20	QPSK	1	99	22.68	22.90	22.58	24.00
20	QPSK	50	0	22.92	22.99	22.66	24.00
20	QPSK	50	24	22.81	22.85	22.68	24.00
20	QPSK	50	50	22.81	22.81	22.73	24.00
20	QPSK	100	0	22.85	22.96	22.84	24.00
20	16QAM	1	0	22.81	22.93	22.75	24.00
20	16QAM	1	49	22.72	22.84	22.65	24.00
20	16QAM	1	99	22.87	22.99	22.79	24.00
20	16QAM	50	0	22.58	22.69	22.51	24.00
20	16QAM	50	24	22.52	22.78	22.52	24.00
20	16QAM	50	50	22.41	22.72	22.49	24.00
20	16QAM	100	0	22.51	22.72	22.55	24.00
20	64QAM	1	0	22.61	22.73	22.53	24.00
20	64QAM	1	49	22.39	22.70	22.40	24.00
20	64QAM	1	99	22.48	22.63	22.30	24.00
20	64QAM	50	0	21.57	21.70	21.48	23.00
20	64QAM	50	24	21.58	21.73	21.51	23.00



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20	64QAM	50	50	21.49	21.60	21.43	23.00
20	64QAM	100	0	21.60	21.77	21.47	23.00
20	256QAM	1	0	19.41	19.63	19.30	21.00
20	256QAM	1	49	19.35	19.64	19.43	21.00
20	256QAM	1	99	19.42	19.47	19.33	21.00
20	256QAM	50	0	19.57	19.76	19.52	21.00
20	256QAM	50	24	19.63	19.77	19.52	21.00
20	256QAM	50	50	19.46	19.70	19.42	21.00
20	256QAM	100	0	19.63	19.70	19.46	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.97	23.11	22.89	24.00
15	QPSK	1	37	22.71	22.86	22.59	24.00
15	QPSK	1	74	22.61	22.79	22.49	24.00
15	QPSK	36	0	22.89	22.86	22.52	24.00
15	QPSK	36	20	22.86	22.77	22.67	24.00
15	QPSK	36	39	22.73	22.78	22.63	24.00
15	QPSK	75	0	22.70	22.88	22.69	24.00
15	16QAM	1	0	22.68	22.88	22.67	24.00
15	16QAM	1	37	22.61	22.82	22.55	24.00
15	16QAM	1	74	22.82	22.98	22.72	24.00
15	16QAM	36	0	22.47	22.60	22.39	24.00
15	16QAM	36	20	22.49	22.68	22.43	24.00
15	16QAM	36	39	22.28	22.70	22.37	24.00
15	16QAM	75	0	22.41	22.64	22.46	24.00
15	64QAM	1	0	22.48	22.70	22.49	24.00
15	64QAM	1	37	22.35	22.68	22.37	24.00
15	64QAM	1	74	22.43	22.57	22.15	24.00
15	64QAM	36	0	21.46	21.63	21.39	23.00
15	64QAM	36	20	21.54	21.61	21.42	23.00
15	64QAM	36	39	21.43	21.47	21.34	23.00
15	64QAM	75	0	21.54	21.65	21.34	23.00
15	256QAM	1	0	19.33	19.52	19.22	21.00
15	256QAM	1	37	19.26	19.62	19.32	21.00
15	256QAM	1	74	19.37	19.35	19.21	21.00
15	256QAM	36	0	19.46	19.74	19.43	21.00
15	256QAM	36	20	19.58	19.74	19.42	21.00
15	256QAM	36	39	19.41	19.68	19.28	21.00
15	256QAM	75	0	19.56	19.58	19.39	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.91	23.03	22.88	24.00
10	QPSK	1	25	22.70	22.92	22.62	24.00
10	QPSK	1	49	22.60	22.81	22.56	24.00
10	QPSK	25	0	22.87	22.98	22.64	24.00
10	QPSK	25	12	22.80	22.79	22.61	24.00
10	QPSK	25	25	22.80	22.91	22.62	24.00
10	QPSK	50	0	22.75	22.82	22.82	24.00
10	16QAM	1	0	22.66	22.90	22.72	24.00
10	16QAM	1	25	22.70	22.78	22.60	24.00
10	16QAM	1	49	22.78	22.95	22.72	24.00
10	16QAM	25	0	22.43	22.63	22.49	24.00
10	16QAM	25	12	22.42	22.76	22.44	24.00
10	16QAM	25	25	22.27	22.62	22.35	24.00
10	16QAM	50	0	22.43	22.60	22.46	24.00
10	64QAM	1	0	22.58	22.62	22.44	24.00
10	64QAM	1	25	22.25	22.64	22.37	24.00
10	64QAM	1	49	22.38	22.51	22.18	24.00
10	64QAM	25	0	21.45	21.65	21.39	23.00
10	64QAM	25	12	21.55	21.62	21.37	23.00
10	64QAM	25	25	21.45	21.46	21.28	23.00
10	64QAM	50	0	21.53	21.67	21.35	23.00
10	256QAM	1	0	19.31	19.52	19.16	21.00
10	256QAM	1	25	19.22	19.53	19.31	21.00
10	256QAM	1	49	19.34	19.45	19.22	21.00
10	256QAM	25	0	19.45	19.67	19.50	21.00
10	256QAM	25	12	19.53	19.70	19.43	21.00
10	256QAM	25	25	19.44	19.55	19.32	21.00
10	256QAM	50	0	19.60	19.68	19.40	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.00	23.05	22.85	24.00
5	QPSK	1	12	22.72	22.87	22.65	24.00
5	QPSK	1	24	22.56	22.82	22.54	24.00
5	QPSK	12	0	22.78	22.96	22.51	24.00
5	QPSK	12	7	22.75	22.91	22.66	24.00
5	QPSK	12	13	22.85	22.88	22.66	24.00
5	QPSK	25	0	22.74	22.82	22.72	24.00



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5	16QAM	1	0	22.72	22.90	22.73	24.00
5	16QAM	1	12	22.57	22.69	22.60	24.00
5	16QAM	1	24	22.76	22.95	22.78	24.00
5	16QAM	12	0	22.45	22.56	22.43	24.00
5	16QAM	12	7	22.47	22.73	22.46	24.00
5	16QAM	12	13	22.36	22.65	22.35	24.00
5	16QAM	25	0	22.43	22.71	22.48	24.00
5	64QAM	1	0	22.49	22.69	22.46	24.00
5	64QAM	1	12	22.25	22.60	22.37	24.00
5	64QAM	1	24	22.46	22.58	22.17	24.00
5	64QAM	12	0	21.48	21.63	21.39	23.00
5	64QAM	12	7	21.45	21.71	21.44	23.00
5	64QAM	12	13	21.35	21.57	21.36	23.00
5	64QAM	25	0	21.48	21.75	21.42	23.00
5	256QAM	1	0	19.35	19.58	19.20	21.00
5	256QAM	1	12	19.34	19.59	19.35	21.00
5	256QAM	1	24	19.32	19.36	19.28	21.00
5	256QAM	12	0	19.49	19.67	19.37	21.00
5	256QAM	12	7	19.51	19.64	19.50	21.00
5	256QAM	12	13	19.32	19.66	19.28	21.00
5	256QAM	25	0	19.56	19.67	19.36	21.00

【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	23.03	23.15	22.94	24.00
20	QPSK	1	49	22.82	22.93	22.74	24.00
20	QPSK	1	99	22.68	22.90	22.58	24.00
20	QPSK	50	0	22.92	22.99	22.66	24.00
20	QPSK	50	24	22.81	22.85	22.68	24.00
20	QPSK	50	50	22.81	22.81	22.73	24.00
20	QPSK	100	0	22.85	22.96	22.84	24.00
20	16QAM	1	0	22.81	22.93	22.75	24.00
20	16QAM	1	49	22.72	22.84	22.65	24.00
20	16QAM	1	99	22.87	22.99	22.79	24.00
20	16QAM	50	0	22.58	22.69	22.51	24.00
20	16QAM	50	24	22.52	22.78	22.52	24.00
20	16QAM	50	50	22.41	22.72	22.49	24.00
20	16QAM	100	0	22.51	22.72	22.55	24.00
20	64QAM	1	0	22.61	22.73	22.53	24.00
20	64QAM	1	49	22.39	22.70	22.40	24.00
20	64QAM	1	99	22.48	22.63	22.30	24.00
20	64QAM	50	0	21.57	21.70	21.48	23.00
20	64QAM	50	24	21.58	21.73	21.51	23.00
20	64QAM	50	50	21.49	21.60	21.43	23.00
20	64QAM	100	0	21.60	21.77	21.47	23.00
20	256QAM	1	0	19.41	19.63	19.30	21.00
20	256QAM	1	49	19.35	19.64	19.43	21.00
20	256QAM	1	99	19.42	19.47	19.33	21.00
20	256QAM	50	0	19.57	19.76	19.52	21.00
20	256QAM	50	24	19.63	19.77	19.52	21.00
20	256QAM	50	50	19.46	19.70	19.42	21.00
20	256QAM	100	0	19.63	19.70	19.46	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.97	23.11	22.89	24.00
15	QPSK	1	37	22.71	22.86	22.59	24.00
15	QPSK	1	74	22.61	22.79	22.49	24.00
15	QPSK	36	0	22.89	22.86	22.52	24.00
15	QPSK	36	20	22.86	22.77	22.67	24.00
15	QPSK	36	39	22.73	22.78	22.63	24.00
15	QPSK	75	0	22.70	22.88	22.69	24.00
15	16QAM	1	0	22.68	22.88	22.67	24.00
15	16QAM	1	37	22.61	22.82	22.55	24.00
15	16QAM	1	74	22.82	22.98	22.72	24.00
15	16QAM	36	0	22.47	22.60	22.39	24.00
15	16QAM	36	20	22.49	22.68	22.43	24.00
15	16QAM	36	39	22.28	22.70	22.37	24.00
15	16QAM	75	0	22.41	22.64	22.46	24.00
15	64QAM	1	0	22.48	22.70	22.49	24.00
15	64QAM	1	37	22.35	22.68	22.37	24.00



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15	64QAM	1	74	22.43	22.57	22.15	24.00
15	64QAM	36	0	21.46	21.63	21.39	23.00
15	64QAM	36	20	21.54	21.61	21.42	23.00
15	64QAM	36	39	21.43	21.47	21.34	23.00
15	64QAM	75	0	21.54	21.65	21.34	23.00
15	256QAM	1	0	19.33	19.52	19.22	21.00
15	256QAM	1	37	19.26	19.62	19.32	21.00
15	256QAM	1	74	19.37	19.35	19.21	21.00
15	256QAM	36	0	19.46	19.74	19.43	21.00
15	256QAM	36	20	19.58	19.74	19.42	21.00
15	256QAM	36	39	19.41	19.68	19.28	21.00
15	256QAM	75	0	19.56	19.58	19.39	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.91	23.03	22.88	24.00
10	QPSK	1	25	22.70	22.92	22.62	24.00
10	QPSK	1	49	22.60	22.81	22.56	24.00
10	QPSK	25	0	22.87	22.98	22.64	24.00
10	QPSK	25	12	22.80	22.79	22.61	24.00
10	QPSK	25	25	22.80	22.91	22.62	24.00
10	QPSK	50	0	22.75	22.82	22.82	24.00
10	16QAM	1	0	22.66	22.90	22.72	24.00
10	16QAM	1	25	22.70	22.78	22.60	24.00
10	16QAM	1	49	22.78	22.95	22.72	24.00
10	16QAM	25	0	22.43	22.63	22.49	24.00
10	16QAM	25	12	22.42	22.76	22.44	24.00
10	16QAM	25	25	22.27	22.62	22.35	24.00
10	16QAM	50	0	22.43	22.60	22.46	24.00
10	64QAM	1	0	22.58	22.62	22.44	24.00
10	64QAM	1	25	22.25	22.64	22.37	24.00
10	64QAM	1	49	22.38	22.51	22.18	24.00
10	64QAM	25	0	21.45	21.65	21.39	23.00
10	64QAM	25	12	21.55	21.62	21.37	23.00
10	64QAM	25	25	21.45	21.46	21.28	23.00
10	64QAM	50	0	21.53	21.67	21.35	23.00
10	256QAM	1	0	19.31	19.52	19.16	21.00
10	256QAM	1	25	19.22	19.53	19.31	21.00
10	256QAM	1	49	19.34	19.45	19.22	21.00
10	256QAM	25	0	19.45	19.67	19.50	21.00
10	256QAM	25	12	19.53	19.70	19.43	21.00
10	256QAM	25	25	19.44	19.55	19.32	21.00
10	256QAM	50	0	19.60	19.68	19.40	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.00	23.05	22.85	24.00
5	QPSK	1	12	22.72	22.87	22.65	24.00
5	QPSK	1	24	22.56	22.82	22.54	24.00
5	QPSK	12	0	22.78	22.96	22.51	24.00
5	QPSK	12	7	22.75	22.91	22.66	24.00
5	QPSK	12	13	22.85	22.88	22.66	24.00
5	QPSK	25	0	22.74	22.82	22.72	24.00
5	16QAM	1	0	22.72	22.90	22.73	24.00
5	16QAM	1	12	22.57	22.69	22.60	24.00
5	16QAM	1	24	22.76	22.95	22.78	24.00
5	16QAM	12	0	22.45	22.56	22.43	24.00
5	16QAM	12	7	22.47	22.73	22.46	24.00
5	16QAM	12	13	22.36	22.65	22.35	24.00
5	16QAM	25	0	22.43	22.71	22.48	24.00
5	64QAM	1	0	22.49	22.69	22.46	24.00
5	64QAM	1	12	22.25	22.60	22.37	24.00
5	64QAM	1	24	22.46	22.58	22.17	24.00
5	64QAM	12	0	21.48	21.63	21.39	23.00
5	64QAM	12	7	21.45	21.71	21.44	23.00
5	64QAM	12	13	21.35	21.57	21.36	23.00
5	64QAM	25	0	21.48	21.75	21.42	23.00
5	256QAM	1	0	19.35	19.58	19.20	21.00
5	256QAM	1	12	19.34	19.59	19.35	21.00
5	256QAM	1	24	19.32	19.36	19.28	21.00
5	256QAM	12	0	19.49	19.67	19.37	21.00
5	256QAM	12	7	19.51	19.64	19.50	21.00
5	256QAM	12	13	19.32	19.66	19.28	21.00
5	256QAM	25	0	19.56	19.67	19.36	21.00

**【LTE Band 43 (96)_Ant 2_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	23.21	23.25	23.22	24.00
20	QPSK	1	49	23.07	23.24	23.20	24.00
20	QPSK	1	99	23.12	23.16	23.05	24.00
20	QPSK	50	0	23.13	23.26	23.14	24.00
20	QPSK	50	24	22.92	23.11	23.13	24.00
20	QPSK	50	50	22.98	23.02	23.03	24.00
20	QPSK	100	0	23.00	23.14	23.04	24.00
20	16QAM	1	0	22.90	23.16	23.10	24.00
20	16QAM	1	49	23.11	23.22	23.16	24.00
20	16QAM	1	99	22.99	23.16	23.09	24.00
20	16QAM	50	0	22.77	23.03	22.89	24.00
20	16QAM	50	24	22.81	23.05	22.91	24.00
20	16QAM	50	50	22.77	23.01	22.86	24.00
20	16QAM	100	0	22.70	22.98	22.91	24.00
20	64QAM	1	0	22.98	23.11	23.06	24.00
20	64QAM	1	49	22.93	23.13	23.00	24.00
20	64QAM	1	99	22.73	22.98	22.90	24.00
20	64QAM	50	0	21.91	22.09	21.94	23.00
20	64QAM	50	24	21.84	22.01	21.93	23.00
20	64QAM	50	50	21.83	22.03	21.97	23.00
20	64QAM	100	0	21.69	21.97	21.92	23.00
20	256QAM	1	0	19.74	19.93	19.85	21.00
20	256QAM	1	49	19.64	19.81	19.66	21.00
20	256QAM	1	99	19.77	19.86	19.70	21.00
20	256QAM	50	0	19.65	19.88	19.78	21.00
20	256QAM	50	24	19.81	19.90	19.75	21.00
20	256QAM	50	50	19.69	19.85	19.68	21.00
20	256QAM	100	0	19.71	19.82	19.71	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.11	23.11	23.14	24.00
15	QPSK	1	37	22.94	23.09	23.05	24.00
15	QPSK	1	74	23.03	23.07	23.02	24.00
15	QPSK	36	0	23.04	23.12	23.03	24.00
15	QPSK	36	20	22.80	23.03	23.09	24.00
15	QPSK	36	39	22.88	23.08	22.99	24.00
15	QPSK	75	0	22.89	23.12	22.95	24.00
15	16QAM	1	0	22.86	23.09	23.03	24.00
15	16QAM	1	37	23.04	23.16	23.14	24.00
15	16QAM	1	74	22.90	23.10	23.05	24.00
15	16QAM	36	0	22.68	23.02	22.87	24.00
15	16QAM	36	20	22.78	23.03	22.86	24.00
15	16QAM	36	39	22.76	22.96	22.77	24.00
15	16QAM	75	0	22.58	22.83	22.89	24.00
15	64QAM	1	0	22.85	23.05	23.01	24.00
15	64QAM	1	37	22.87	23.04	22.91	24.00
15	64QAM	1	74	22.71	22.91	22.81	24.00
15	64QAM	36	0	21.85	21.96	21.82	23.00
15	64QAM	36	20	21.77	21.88	21.82	23.00
15	64QAM	36	39	21.82	21.96	21.95	23.00
15	64QAM	75	0	21.61	21.90	21.85	23.00
15	256QAM	1	0	19.72	19.88	19.72	21.00
15	256QAM	1	37	19.55	19.68	19.57	21.00
15	256QAM	1	74	19.68	19.77	19.58	21.00
15	256QAM	36	0	19.61	19.81	19.64	21.00
15	256QAM	36	20	19.76	19.77	19.72	21.00
15	256QAM	36	39	19.58	19.75	19.55	21.00
15	256QAM	75	0	19.61	19.71	19.57	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.09	23.11	23.12	24.00
10	QPSK	1	25	22.96	23.16	23.08	24.00
10	QPSK	1	49	23.00	23.02	22.97	24.00
10	QPSK	25	0	23.10	23.17	22.99	24.00
10	QPSK	25	12	22.86	23.14	22.99	24.00
10	QPSK	25	25	22.87	23.06	22.98	24.00
10	QPSK	50	0	22.97	23.00	22.93	24.00
10	16QAM	1	0	22.83	23.08	23.04	24.00
10	16QAM	1	25	22.98	23.16	23.05	24.00
10	16QAM	1	49	22.95	23.14	23.02	24.00



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10	16QAM	25	0	22.71	23.00	22.75	24.00
10	16QAM	25	12	22.77	23.01	22.81	24.00
10	16QAM	25	25	22.74	22.89	22.84	24.00
10	16QAM	50	0	22.69	22.93	22.87	24.00
10	64QAM	1	0	22.88	22.98	22.98	24.00
10	64QAM	1	25	22.90	23.02	22.87	24.00
10	64QAM	1	49	22.63	22.95	22.81	24.00
10	64QAM	25	0	21.89	22.03	21.82	23.00
10	64QAM	25	12	21.82	21.98	21.81	23.00
10	64QAM	25	25	21.68	21.97	21.95	23.00
10	64QAM	50	0	21.58	21.94	21.79	23.00
10	256QAM	1	0	19.60	19.82	19.70	21.00
10	256QAM	1	25	19.60	19.74	19.55	21.00
10	256QAM	1	49	19.67	19.79	19.69	21.00
10	256QAM	25	0	19.57	19.79	19.64	21.00
10	256QAM	25	12	19.76	19.82	19.69	21.00
10	256QAM	25	25	19.67	19.71	19.63	21.00
10	256QAM	50	0	19.64	19.75	19.69	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.09	23.12	23.09	24.00
5	QPSK	1	12	23.01	23.10	23.16	24.00
5	QPSK	1	24	23.09	23.04	22.98	24.00
5	QPSK	12	0	23.05	23.14	23.00	24.00
5	QPSK	12	7	22.90	23.02	23.05	24.00
5	QPSK	12	13	22.94	23.08	22.96	24.00
5	QPSK	25	0	22.96	23.12	22.97	24.00
5	16QAM	1	0	22.80	23.14	22.96	24.00
5	16QAM	1	12	22.96	23.12	23.03	24.00
5	16QAM	1	24	22.97	23.11	23.02	24.00
5	16QAM	12	0	22.72	22.96	22.85	24.00
5	16QAM	12	7	22.69	22.91	22.76	24.00
5	16QAM	12	13	22.71	22.96	22.72	24.00
5	16QAM	25	0	22.69	22.85	22.87	24.00
5	64QAM	1	0	22.90	23.09	22.94	24.00
5	64QAM	1	12	22.83	23.02	22.93	24.00
5	64QAM	1	24	22.60	22.94	22.82	24.00
5	64QAM	12	0	21.80	22.04	21.86	23.00
5	64QAM	12	7	21.71	21.93	21.81	23.00
5	64QAM	12	13	21.79	22.00	21.86	23.00
5	64QAM	25	0	21.60	21.88	21.79	23.00
5	256QAM	1	0	19.63	19.82	19.78	21.00
5	256QAM	1	12	19.62	19.72	19.57	21.00
5	256QAM	1	24	19.73	19.78	19.68	21.00
5	256QAM	12	0	19.52	19.80	19.75	21.00
5	256QAM	12	7	19.78	19.79	19.71	21.00
5	256QAM	12	13	19.54	19.82	19.63	21.00
5	256QAM	25	0	19.60	19.80	19.63	21.00

【LTE Band 43 (96)_Ant 2_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	19.65	19.71	19.69	21.40
20	QPSK	1	49	19.53	19.53	19.58	21.40
20	QPSK	1	99	19.57	19.47	19.58	21.40
20	QPSK	50	0	19.53	19.65	19.64	21.40
20	QPSK	50	24	19.55	19.48	19.48	21.40
20	QPSK	50	50	19.46	19.48	19.46	21.40
20	QPSK	100	0	19.57	19.51	19.49	21.40
20	16QAM	1	0	19.52	19.52	19.46	21.40
20	16QAM	1	49	19.58	19.47	19.44	21.40
20	16QAM	1	99	19.51	19.54	19.52	21.40
20	16QAM	50	0	19.48	19.53	19.45	21.40
20	16QAM	50	24	19.51	19.47	19.45	21.40
20	16QAM	50	50	19.47	19.51	19.47	21.40
20	16QAM	100	0	19.50	19.48	19.44	21.40
20	64QAM	1	0	19.58	19.45	19.47	21.40
20	64QAM	1	49	19.51	19.46	19.54	21.40
20	64QAM	1	99	19.51	19.52	19.44	21.40
20	64QAM	50	0	19.46	19.56	19.45	21.40
20	64QAM	50	24	19.56	19.50	19.53	21.40



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20	64QAM	50	50	19.46	19.57	19.49	21.40
20	64QAM	100	0	19.52	19.54	19.46	21.40
20	256QAM	1	0	19.29	19.26	19.19	21.00
20	256QAM	1	49	19.19	19.07	19.11	21.00
20	256QAM	1	99	19.22	19.11	19.14	21.00
20	256QAM	50	0	19.17	19.16	19.16	21.00
20	256QAM	50	24	19.07	19.15	19.11	21.00
20	256QAM	50	50	19.10	19.13	19.03	21.00
20	256QAM	100	0	19.08	19.08	19.05	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.59	19.63	19.59	21.40
15	QPSK	1	37	19.45	19.44	19.55	21.40
15	QPSK	1	74	19.44	19.44	19.53	21.40
15	QPSK	36	0	19.45	19.60	19.51	21.40
15	QPSK	36	20	19.53	19.54	19.51	21.40
15	QPSK	36	39	19.48	19.44	19.47	21.40
15	QPSK	75	0	19.48	19.48	19.47	21.40
15	16QAM	1	0	19.45	19.45	19.45	21.40
15	16QAM	1	37	19.51	19.46	19.42	21.40
15	16QAM	1	74	19.43	19.40	19.45	21.40
15	16QAM	36	0	19.52	19.50	19.46	21.40
15	16QAM	36	20	19.48	19.41	19.43	21.40
15	16QAM	36	39	19.44	19.42	19.48	21.40
15	16QAM	75	0	19.55	19.44	19.53	21.40
15	64QAM	1	0	19.44	19.42	19.43	21.40
15	64QAM	1	37	19.47	19.41	19.43	21.40
15	64QAM	1	74	19.53	19.47	19.45	21.40
15	64QAM	36	0	19.50	19.54	19.47	21.40
15	64QAM	36	20	19.47	19.48	19.46	21.40
15	64QAM	36	39	19.40	19.55	19.43	21.40
15	64QAM	75	0	19.43	19.44	19.46	21.40
15	256QAM	1	0	19.00	19.15	19.00	21.00
15	256QAM	1	37	19.08	19.08	19.08	21.00
15	256QAM	1	74	19.06	19.06	19.03	21.00
15	256QAM	36	0	19.04	19.02	19.03	21.00
15	256QAM	36	20	19.01	19.12	19.11	21.00
15	256QAM	36	39	19.07	19.04	19.01	21.00
15	256QAM	75	0	19.12	19.12	19.14	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	19.57	19.59	19.65	21.40
10	QPSK	1	25	19.45	19.42	19.54	21.40
10	QPSK	1	49	19.47	19.43	19.45	21.40
10	QPSK	25	0	19.45	19.54	19.53	21.40
10	QPSK	25	12	19.44	19.40	19.40	21.40
10	QPSK	25	25	19.55	19.41	19.51	21.40
10	QPSK	50	0	19.47	19.42	19.52	21.40
10	16QAM	1	0	19.45	19.42	19.41	21.40
10	16QAM	1	25	19.49	19.46	19.44	21.40
10	16QAM	1	49	19.49	19.47	19.43	21.40
10	16QAM	25	0	19.49	19.48	19.42	21.40
10	16QAM	25	12	19.45	19.42	19.42	21.40
10	16QAM	25	25	19.53	19.43	19.41	21.40
10	16QAM	50	0	19.46	19.41	19.41	21.40
10	64QAM	1	0	19.47	19.50	19.43	21.40
10	64QAM	1	25	19.53	19.50	19.50	21.40
10	64QAM	1	49	19.50	19.50	19.49	21.40
10	64QAM	25	0	19.51	19.47	19.53	21.40
10	64QAM	25	12	19.50	19.40	19.45	21.40
10	64QAM	25	25	19.41	19.52	19.47	21.40
10	64QAM	50	0	19.40	19.48	19.44	21.40
10	256QAM	1	0	19.13	19.06	19.12	21.00
10	256QAM	1	25	19.02	19.14	19.07	21.00
10	256QAM	1	49	19.01	19.08	19.09	21.00
10	256QAM	25	0	19.07	19.15	19.08	21.00
10	256QAM	25	12	19.12	19.14	19.14	21.00
10	256QAM	25	25	19.08	19.10	19.14	21.00
10	256QAM	50	0	19.04	19.04	19.12	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	19.54	19.68	19.55	21.40
5	QPSK	1	12	19.51	19.40	19.47	21.40
5	QPSK	1	24	19.50	19.40	19.54	21.40
5	QPSK	12	0	19.44	19.53	19.56	21.40
5	QPSK	12	7	19.46	19.46	19.42	21.40
5	QPSK	12	13	19.54	19.46	19.46	21.40
5	QPSK	25	0	19.54	19.54	19.52	21.40



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5	16QAM	1	0	19.42	19.43	19.41	21.40
5	16QAM	1	12	19.49	19.44	19.54	21.40
5	16QAM	1	24	19.41	19.50	19.43	21.40
5	16QAM	12	0	19.46	19.50	19.43	21.40
5	16QAM	12	7	19.40	19.47	19.42	21.40
5	16QAM	12	13	19.41	19.44	19.44	21.40
5	16QAM	25	0	19.55	19.42	19.54	21.40
5	64QAM	1	0	19.51	19.40	19.53	21.40
5	64QAM	1	12	19.48	19.40	19.46	21.40
5	64QAM	1	24	19.43	19.47	19.50	21.40
5	64QAM	12	0	19.49	19.48	19.49	21.40
5	64QAM	12	7	19.46	19.44	19.51	21.40
5	64QAM	12	13	19.51	19.52	19.51	21.40
5	64QAM	25	0	19.45	19.45	19.44	21.40
5	256QAM	1	0	19.07	19.05	19.14	21.00
5	256QAM	1	12	19.02	19.06	19.10	21.00
5	256QAM	1	24	19.00	19.13	19.08	21.00
5	256QAM	12	0	19.00	19.03	19.02	21.00
5	256QAM	12	7	19.05	19.12	19.04	21.00
5	256QAM	12	13	19.13	19.04	19.10	21.00
5	256QAM	25	0	19.01	19.02	19.01	21.00

【LTE Band 43 (96)_Ant 2_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	23.21	23.25	23.22	24.00
20	QPSK	1	49	23.07	23.24	23.20	24.00
20	QPSK	1	99	23.12	23.16	23.05	24.00
20	QPSK	50	0	23.13	23.26	23.14	24.00
20	QPSK	50	24	22.92	23.11	23.13	24.00
20	QPSK	50	50	22.98	23.02	23.03	24.00
20	QPSK	100	0	23.00	23.14	23.04	24.00
20	16QAM	1	0	22.90	23.16	23.10	24.00
20	16QAM	1	49	23.11	23.22	23.16	24.00
20	16QAM	1	99	22.99	23.16	23.09	24.00
20	16QAM	50	0	22.77	23.03	22.89	24.00
20	16QAM	50	24	22.81	23.05	22.91	24.00
20	16QAM	50	50	22.77	23.01	22.86	24.00
20	16QAM	100	0	22.70	22.98	22.91	24.00
20	64QAM	1	0	22.98	23.11	23.06	24.00
20	64QAM	1	49	22.93	23.13	23.00	24.00
20	64QAM	1	99	22.73	22.98	22.90	24.00
20	64QAM	50	0	21.91	22.09	21.94	23.00
20	64QAM	50	24	21.84	22.01	21.93	23.00
20	64QAM	50	50	21.83	22.03	21.97	23.00
20	64QAM	100	0	21.69	21.97	21.92	23.00
20	256QAM	1	0	19.74	19.93	19.85	21.00
20	256QAM	1	49	19.64	19.81	19.66	21.00
20	256QAM	1	99	19.77	19.86	19.70	21.00
20	256QAM	50	0	19.65	19.88	19.78	21.00
20	256QAM	50	24	19.81	19.90	19.75	21.00
20	256QAM	50	50	19.69	19.85	19.68	21.00
20	256QAM	100	0	19.71	19.82	19.71	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.11	23.11	23.14	24.00
15	QPSK	1	37	22.94	23.09	23.05	24.00
15	QPSK	1	74	23.03	23.07	23.02	24.00
15	QPSK	36	0	23.04	23.12	23.03	24.00
15	QPSK	36	20	22.80	23.03	23.09	24.00
15	QPSK	36	39	22.88	23.08	22.99	24.00
15	QPSK	75	0	22.89	23.12	22.95	24.00
15	16QAM	1	0	22.86	23.09	23.03	24.00
15	16QAM	1	37	23.04	23.16	23.14	24.00
15	16QAM	1	74	22.90	23.10	23.05	24.00
15	16QAM	36	0	22.68	23.02	22.87	24.00
15	16QAM	36	20	22.78	23.03	22.86	24.00
15	16QAM	36	39	22.76	22.96	22.77	24.00
15	16QAM	75	0	22.58	22.83	22.89	24.00
15	64QAM	1	0	22.85	23.05	23.01	24.00
15	64QAM	1	37	22.87	23.04	22.91	24.00



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15	64QAM	1	74	22.71	22.91	22.81	24.00
15	64QAM	36	0	21.85	21.96	21.82	23.00
15	64QAM	36	20	21.77	21.88	21.82	23.00
15	64QAM	36	39	21.82	21.96	21.95	23.00
15	64QAM	75	0	21.61	21.90	21.85	23.00
15	256QAM	1	0	19.72	19.88	19.72	21.00
15	256QAM	1	37	19.55	19.68	19.57	21.00
15	256QAM	1	74	19.68	19.77	19.58	21.00
15	256QAM	36	0	19.61	19.81	19.64	21.00
15	256QAM	36	20	19.76	19.77	19.72	21.00
15	256QAM	36	39	19.58	19.75	19.55	21.00
15	256QAM	75	0	19.61	19.71	19.57	21.00
Channel				43640	44090	44540	Tune-up limit
Frequency (MHz)				3605	3650	3695	(dBm)
10	QPSK	1	0	23.09	23.11	23.12	24.00
10	QPSK	1	25	22.96	23.16	23.08	24.00
10	QPSK	1	49	23.00	23.02	22.97	24.00
10	QPSK	25	0	23.10	23.17	22.99	24.00
10	QPSK	25	12	22.86	23.14	22.99	24.00
10	QPSK	25	25	22.87	23.06	22.98	24.00
10	QPSK	50	0	22.97	23.00	22.93	24.00
10	16QAM	1	0	22.83	23.08	23.04	24.00
10	16QAM	1	25	22.98	23.16	23.05	24.00
10	16QAM	1	49	22.95	23.14	23.02	24.00
10	16QAM	25	0	22.71	23.00	22.75	24.00
10	16QAM	25	12	22.77	23.01	22.81	24.00
10	16QAM	25	25	22.74	22.89	22.84	24.00
10	16QAM	50	0	22.69	22.93	22.87	24.00
10	64QAM	1	0	22.88	22.98	22.98	24.00
10	64QAM	1	25	22.90	23.02	22.87	24.00
10	64QAM	1	49	22.63	22.95	22.81	24.00
10	64QAM	25	0	21.89	22.03	21.82	23.00
10	64QAM	25	12	21.82	21.98	21.81	23.00
10	64QAM	25	25	21.68	21.97	21.95	23.00
10	64QAM	50	0	21.58	21.94	21.79	23.00
10	256QAM	1	0	19.60	19.82	19.70	21.00
10	256QAM	1	25	19.60	19.74	19.55	21.00
10	256QAM	1	49	19.67	19.79	19.69	21.00
10	256QAM	25	0	19.57	19.79	19.64	21.00
10	256QAM	25	12	19.76	19.82	19.69	21.00
10	256QAM	25	25	19.67	19.71	19.63	21.00
10	256QAM	50	0	19.64	19.75	19.69	21.00
Channel				43615	44090	44565	Tune-up limit
Frequency (MHz)				3602.5	3650	3697.5	(dBm)
5	QPSK	1	0	23.09	23.12	23.09	24.00
5	QPSK	1	12	23.01	23.10	23.16	24.00
5	QPSK	1	24	23.09	23.04	22.98	24.00
5	QPSK	12	0	23.05	23.14	23.00	24.00
5	QPSK	12	7	22.90	23.02	23.05	24.00
5	QPSK	12	13	22.94	23.08	22.96	24.00
5	QPSK	25	0	22.96	23.12	22.97	24.00
5	16QAM	1	0	22.80	23.14	22.96	24.00
5	16QAM	1	12	22.96	23.12	23.03	24.00
5	16QAM	1	24	22.97	23.11	23.02	24.00
5	16QAM	12	0	22.72	22.96	22.85	24.00
5	16QAM	12	7	22.69	22.91	22.76	24.00
5	16QAM	12	13	22.71	22.96	22.72	24.00
5	16QAM	25	0	22.69	22.85	22.87	24.00
5	64QAM	1	0	22.90	23.09	22.94	24.00
5	64QAM	1	12	22.83	23.02	22.93	24.00
5	64QAM	1	24	22.60	22.94	22.82	24.00
5	64QAM	12	0	21.80	22.04	21.86	23.00
5	64QAM	12	7	21.71	21.93	21.81	23.00
5	64QAM	12	13	21.79	22.00	21.86	23.00
5	64QAM	25	0	21.60	21.88	21.79	23.00
5	256QAM	1	0	19.63	19.82	19.78	21.00
5	256QAM	1	12	19.62	19.72	19.57	21.00
5	256QAM	1	24	19.73	19.78	19.68	21.00
5	256QAM	12	0	19.52	19.80	19.75	21.00
5	256QAM	12	7	19.78	19.79	19.71	21.00
5	256QAM	12	13	19.54	19.82	19.63	21.00
5	256QAM	25	0	19.60	19.80	19.63	21.00

**【LTE Band 43 (96)_Ant 2_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	20.97	21.12	21.01	21.40
20	QPSK	1	49	20.76	20.91	20.94	21.40
20	QPSK	1	99	20.83	20.89	20.89	21.40
20	QPSK	50	0	20.89	21.06	20.96	21.40
20	QPSK	50	24	20.78	20.81	20.87	21.40
20	QPSK	50	50	20.83	20.82	20.88	21.40
20	QPSK	100	0	20.76	20.88	20.91	21.40
20	16QAM	1	0	20.86	20.88	20.94	21.40
20	16QAM	1	49	20.81	20.95	20.91	21.40
20	16QAM	1	99	20.82	20.96	20.85	21.40
20	16QAM	50	0	20.88	20.89	20.85	21.40
20	16QAM	50	24	20.92	20.92	20.92	21.40
20	16QAM	50	50	20.78	20.91	20.83	21.40
20	16QAM	100	0	20.87	20.92	20.85	21.40
20	64QAM	1	0	20.83	20.90	20.87	21.40
20	64QAM	1	49	20.85	20.87	20.89	21.40
20	64QAM	1	99	20.88	20.91	20.94	21.40
20	64QAM	50	0	20.79	20.90	20.95	21.40
20	64QAM	50	24	20.82	20.87	20.89	21.40
20	64QAM	50	50	20.81	20.94	20.84	21.40
20	64QAM	100	0	20.75	20.85	20.91	21.40
20	256QAM	1	0	20.61	20.79	20.74	21.00
20	256QAM	1	49	20.60	20.66	20.66	21.00
20	256QAM	1	99	20.57	20.58	20.70	21.00
20	256QAM	50	0	20.57	20.69	20.72	21.00
20	256QAM	50	24	20.50	20.57	20.63	21.00
20	256QAM	50	50	20.50	20.66	20.57	21.00
20	256QAM	100	0	20.97	20.66	20.59	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	20.93	21.05	20.87	21.40
15	QPSK	1	37	20.69	20.80	20.88	21.40
15	QPSK	1	74	20.69	20.82	20.88	21.40
15	QPSK	36	0	20.75	20.98	20.82	21.40
15	QPSK	36	20	20.74	20.84	20.75	21.40
15	QPSK	36	39	20.77	20.83	20.83	21.40
15	QPSK	75	0	20.67	20.78	20.76	21.40
15	16QAM	1	0	20.77	20.81	20.81	21.40
15	16QAM	1	37	20.80	20.91	20.81	21.40
15	16QAM	1	74	20.72	20.90	20.74	21.40
15	16QAM	36	0	20.78	20.78	20.71	21.40
15	16QAM	36	20	20.84	20.88	20.78	21.40
15	16QAM	36	39	20.75	20.83	20.70	21.40
15	16QAM	75	0	20.86	20.81	20.75	21.40
15	64QAM	1	0	20.73	20.76	20.79	21.40
15	64QAM	1	37	20.79	20.74	20.87	21.40
15	64QAM	1	74	20.76	20.85	20.85	21.40
15	64QAM	36	0	20.65	20.79	20.82	21.40
15	64QAM	36	20	20.74	20.83	20.75	21.40
15	64QAM	36	39	20.78	20.87	20.80	21.40
15	64QAM	75	0	20.64	20.80	20.83	21.40
15	256QAM	1	0	20.11	20.35	20.30	21.00
15	256QAM	1	37	20.09	20.17	20.17	21.00
15	256QAM	1	74	20.11	20.13	20.24	21.00
15	256QAM	36	0	20.14	20.14	20.22	21.00
15	256QAM	36	20	20.03	20.07	20.13	21.00
15	256QAM	36	39	19.97	20.23	20.06	21.00
15	256QAM	75	0	20.45	20.18	20.11	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	20.92	21.11	20.88	21.40
10	QPSK	1	25	20.64	20.92	20.81	21.40
10	QPSK	1	49	20.78	20.82	20.80	21.40
10	QPSK	25	0	20.78	21.00	20.88	21.40
10	QPSK	25	12	20.69	20.79	20.83	21.40
10	QPSK	25	25	20.78	20.88	20.86	21.40
10	QPSK	50	0	20.63	20.84	20.89	21.40
10	16QAM	1	0	20.72	20.77	20.89	21.40
10	16QAM	1	25	20.71	20.91	20.84	21.40
10	16QAM	1	49	20.68	20.93	20.73	21.40



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10	16QAM	25	0	20.79	20.79	20.83	21.40
10	16QAM	25	12	20.87	20.87	20.87	21.40
10	16QAM	25	25	20.66	20.84	20.77	21.40
10	16QAM	50	0	20.72	20.82	20.77	21.40
10	64QAM	1	0	20.77	20.83	20.77	21.40
10	64QAM	1	25	20.70	20.73	20.81	21.40
10	64QAM	1	49	20.79	20.82	20.85	21.40
10	64QAM	25	0	20.71	20.81	20.82	21.40
10	64QAM	25	12	20.75	20.74	20.87	21.40
10	64QAM	25	25	20.79	20.88	20.79	21.40
10	64QAM	50	0	20.73	20.82	20.84	21.40
10	256QAM	1	0	20.14	20.35	20.22	21.00
10	256QAM	1	25	20.10	20.16	20.23	21.00
10	256QAM	1	49	20.04	20.12	20.26	21.00
10	256QAM	25	0	20.16	20.15	20.26	21.00
10	256QAM	25	12	20.01	20.14	20.21	21.00
10	256QAM	25	25	20.07	20.20	20.09	21.00
10	256QAM	50	0	20.51	20.15	20.08	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	20.86	21.09	20.96	21.40
5	QPSK	1	12	20.72	20.84	20.92	21.40
5	QPSK	1	24	20.75	20.79	20.81	21.40
5	QPSK	12	0	20.79	20.99	20.83	21.40
5	QPSK	12	7	20.73	20.80	20.80	21.40
5	QPSK	12	13	20.68	20.91	20.86	21.40
5	QPSK	25	0	20.65	20.80	20.84	21.40
5	16QAM	1	0	20.79	20.75	20.83	21.40
5	16QAM	1	12	20.67	20.83	20.85	21.40
5	16QAM	1	24	20.72	20.94	20.80	21.40
5	16QAM	12	0	20.85	20.86	20.77	21.40
5	16QAM	12	7	20.91	20.84	20.84	21.40
5	16QAM	12	13	20.64	20.78	20.82	21.40
5	16QAM	25	0	20.76	20.84	20.75	21.40
5	64QAM	1	0	20.75	20.81	20.81	21.40
5	64QAM	1	12	20.81	20.72	20.84	21.40
5	64QAM	1	24	20.81	20.85	20.83	21.40
5	64QAM	12	0	20.77	20.77	20.83	21.40
5	64QAM	12	7	20.79	20.84	20.77	21.40
5	64QAM	12	13	20.72	20.79	20.70	21.40
5	64QAM	25	0	20.61	20.81	20.83	21.40
5	256QAM	1	0	20.11	20.31	20.27	21.00
5	256QAM	1	12	20.15	20.22	20.21	21.00
5	256QAM	1	24	20.16	20.16	20.17	21.00
5	256QAM	12	0	20.08	20.18	20.26	21.00
5	256QAM	12	7	19.99	20.08	20.11	21.00
5	256QAM	12	13	20.02	20.18	20.16	21.00
5	256QAM	25	0	20.49	20.23	20.13	21.00

【LTE Band 43 (96)_Ant 2_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				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	19.65	19.71	19.69	20.10
20	QPSK	1	49	19.53	19.53	19.58	20.10
20	QPSK	1	99	19.57	19.47	19.58	20.10
20	QPSK	50	0	19.53	19.65	19.64	20.10
20	QPSK	50	24	19.55	19.48	19.48	20.10
20	QPSK	50	50	19.46	19.48	19.46	20.10
20	QPSK	100	0	19.57	19.51	19.49	20.10
20	16QAM	1	0	19.52	19.52	19.46	20.10
20	16QAM	1	49	19.58	19.47	19.44	20.10
20	16QAM	1	99	19.51	19.54	19.52	20.10
20	16QAM	50	0	19.48	19.53	19.45	20.10
20	16QAM	50	24	19.51	19.47	19.45	20.10
20	16QAM	50	50	19.47	19.51	19.47	20.10
20	16QAM	100	0	19.50	19.48	19.44	20.10
20	64QAM	1	0	19.58	19.45	19.47	20.10
20	64QAM	1	49	19.51	19.46	19.54	20.10
20	64QAM	1	99	19.51	19.52	19.44	20.10
20	64QAM	50	0	19.46	19.56	19.45	20.10
20	64QAM	50	24	19.56	19.50	19.53	20.10



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20	64QAM	50	50	19.46	19.57	19.49	20.10
20	64QAM	100	0	19.52	19.54	19.46	20.10
20	256QAM	1	0	19.29	19.26	19.19	20.10
20	256QAM	1	49	19.19	19.07	19.11	20.10
20	256QAM	1	99	19.22	19.11	19.14	20.10
20	256QAM	50	0	19.17	19.16	19.16	20.10
20	256QAM	50	24	19.07	19.15	19.11	20.10
20	256QAM	50	50	19.10	19.13	19.03	20.10
20	256QAM	100	0	19.08	19.08	19.05	20.10
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	19.59	19.63	19.59	20.10
15	QPSK	1	37	19.45	19.44	19.55	20.10
15	QPSK	1	74	19.44	19.44	19.53	20.10
15	QPSK	36	0	19.45	19.60	19.51	20.10
15	QPSK	36	20	19.53	19.54	19.51	20.10
15	QPSK	36	39	19.48	19.44	19.47	20.10
15	QPSK	75	0	19.48	19.48	19.47	20.10
15	16QAM	1	0	19.45	19.45	19.45	20.10
15	16QAM	1	37	19.51	19.46	19.42	20.10
15	16QAM	1	74	19.43	19.40	19.45	20.10
15	16QAM	36	0	19.52	19.50	19.46	20.10
15	16QAM	36	20	19.48	19.41	19.43	20.10
15	16QAM	36	39	19.44	19.42	19.48	20.10
15	16QAM	75	0	19.55	19.44	19.53	20.10
15	64QAM	1	0	19.44	19.42	19.43	20.10
15	64QAM	1	37	19.47	19.41	19.43	20.10
15	64QAM	1	74	19.53	19.47	19.45	20.10
15	64QAM	36	0	19.50	19.54	19.47	20.10
15	64QAM	36	20	19.47	19.48	19.46	20.10
15	64QAM	36	39	19.40	19.55	19.43	20.10
15	64QAM	75	0	19.43	19.44	19.46	20.10
15	256QAM	1	0	19.00	19.15	19.00	20.10
15	256QAM	1	37	19.08	19.08	19.08	20.10
15	256QAM	1	74	19.06	19.06	19.03	20.10
15	256QAM	36	0	19.04	19.02	19.03	20.10
15	256QAM	36	20	19.01	19.12	19.11	20.10
15	256QAM	36	39	19.07	19.04	19.01	20.10
15	256QAM	75	0	19.12	19.12	19.14	20.10
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	19.57	19.59	19.65	20.10
10	QPSK	1	25	19.45	19.42	19.54	20.10
10	QPSK	1	49	19.47	19.43	19.45	20.10
10	QPSK	25	0	19.45	19.54	19.53	20.10
10	QPSK	25	12	19.44	19.40	19.40	20.10
10	QPSK	25	25	19.55	19.41	19.51	20.10
10	QPSK	50	0	19.47	19.42	19.52	20.10
10	16QAM	1	0	19.45	19.42	19.41	20.10
10	16QAM	1	25	19.49	19.46	19.44	20.10
10	16QAM	1	49	19.49	19.47	19.43	20.10
10	16QAM	25	0	19.49	19.48	19.42	20.10
10	16QAM	25	12	19.45	19.42	19.42	20.10
10	16QAM	25	25	19.53	19.43	19.41	20.10
10	16QAM	50	0	19.46	19.41	19.41	20.10
10	64QAM	1	0	19.47	19.50	19.43	20.10
10	64QAM	1	25	19.53	19.50	19.50	20.10
10	64QAM	1	49	19.50	19.50	19.49	20.10
10	64QAM	25	0	19.51	19.47	19.53	20.10
10	64QAM	25	12	19.50	19.40	19.45	20.10
10	64QAM	25	25	19.41	19.52	19.47	20.10
10	64QAM	50	0	19.40	19.48	19.44	20.10
10	256QAM	1	0	19.13	19.06	19.12	20.10
10	256QAM	1	25	19.02	19.14	19.07	20.10
10	256QAM	1	49	19.01	19.08	19.09	20.10
10	256QAM	25	0	19.07	19.15	19.08	20.10
10	256QAM	25	12	19.12	19.14	19.14	20.10
10	256QAM	25	25	19.08	19.10	19.14	20.10
10	256QAM	50	0	19.04	19.04	19.12	20.10
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	19.54	19.68	19.55	20.10
5	QPSK	1	12	19.51	19.40	19.47	20.10
5	QPSK	1	24	19.50	19.40	19.54	20.10
5	QPSK	12	0	19.44	19.53	19.56	20.10
5	QPSK	12	7	19.46	19.46	19.42	20.10
5	QPSK	12	13	19.54	19.46	19.46	20.10
5	QPSK	25	0	19.54	19.54	19.52	20.10



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5	16QAM	1	0	19.42	19.43	19.41	20.10
5	16QAM	1	12	19.49	19.44	19.54	20.10
5	16QAM	1	24	19.41	19.50	19.43	20.10
5	16QAM	12	0	19.46	19.50	19.43	20.10
5	16QAM	12	7	19.40	19.47	19.42	20.10
5	16QAM	12	13	19.41	19.44	19.44	20.10
5	16QAM	25	0	19.55	19.42	19.54	20.10
5	64QAM	1	0	19.51	19.40	19.53	20.10
5	64QAM	1	12	19.48	19.40	19.46	20.10
5	64QAM	1	24	19.43	19.47	19.50	20.10
5	64QAM	12	0	19.49	19.48	19.49	20.10
5	64QAM	12	7	19.46	19.44	19.51	20.10
5	64QAM	12	13	19.51	19.52	19.51	20.10
5	64QAM	25	0	19.45	19.45	19.44	20.10
5	256QAM	1	0	19.07	19.05	19.14	20.10
5	256QAM	1	12	19.02	19.06	19.10	20.10
5	256QAM	1	24	19.00	19.13	19.08	20.10
5	256QAM	12	0	19.00	19.03	19.02	20.10
5	256QAM	12	7	19.05	19.12	19.04	20.10
5	256QAM	12	13	19.13	19.04	19.10	20.10
5	256QAM	25	0	19.01	19.02	19.01	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	21.93	22.06	22.05	22.90
20	QPSK	1	49	21.90	21.85	21.89	22.90
20	QPSK	1	99	21.80	21.83	21.81	22.90
20	QPSK	50	0	21.89	22.05	21.98	22.90
20	QPSK	50	24	21.85	21.81	21.84	22.90
20	QPSK	50	50	21.83	21.83	21.81	22.90
20	QPSK	100	0	21.79	21.93	21.95	22.90
20	16QAM	1	0	21.86	21.96	21.94	22.90
20	16QAM	1	49	21.87	21.92	21.92	22.90
20	16QAM	1	99	21.81	21.89	21.83	22.90
20	16QAM	50	0	21.87	21.89	21.92	22.90
20	16QAM	50	24	21.79	21.94	21.83	22.90
20	16QAM	50	50	21.79	21.90	21.91	22.90
20	16QAM	100	0	21.80	21.82	21.94	22.90
20	64QAM	1	0	21.85	21.95	21.93	22.90
20	64QAM	1	49	21.86	21.84	21.88	22.90
20	64QAM	1	99	21.86	21.94	21.85	22.90
20	64QAM	50	0	21.79	21.95	21.91	22.90
20	64QAM	50	24	21.80	21.92	21.93	22.90
20	64QAM	50	50	21.85	21.93	21.89	22.90
20	64QAM	100	0	21.87	21.87	21.95	22.90
20	256QAM	1	0	20.22	20.45	20.28	22.00
20	256QAM	1	49	20.15	20.22	20.31	22.00
20	256QAM	1	99	20.15	20.26	20.34	22.00
20	256QAM	50	0	20.18	20.27	20.31	22.00
20	256QAM	50	24	20.18	20.20	20.14	22.00
20	256QAM	50	50	20.13	20.29	20.24	22.00
20	256QAM	100	0	20.18	20.13	20.12	22.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	21.87	22.00	21.93	22.90
15	QPSK	1	37	21.85	22.00	21.77	22.90
15	QPSK	1	74	21.69	21.92	21.91	22.90
15	QPSK	36	0	21.81	22.00	21.95	22.90
15	QPSK	36	20	21.72	21.86	21.90	22.90
15	QPSK	36	39	21.72	21.85	21.72	22.90
15	QPSK	75	0	21.69	21.79	21.88	22.90
15	16QAM	1	0	21.77	21.86	21.81	22.90
15	16QAM	1	37	21.73	21.87	21.88	22.90
15	16QAM	1	74	21.72	21.80	21.71	22.90
15	16QAM	36	0	21.83	21.84	21.80	22.90
15	16QAM	36	20	21.73	21.80	21.71	22.90
15	16QAM	36	39	21.68	21.77	21.89	22.90
15	16QAM	75	0	21.76	21.80	21.81	22.90
15	64QAM	1	0	21.73	21.83	21.83	22.90
15	64QAM	1	37	21.84	21.81	21.78	22.90



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15	64QAM	1	74	21.83	21.80	21.78	22.90
15	64QAM	36	0	21.69	21.91	21.77	22.90
15	64QAM	36	20	21.67	21.88	21.81	22.90
15	64QAM	36	39	21.71	21.92	21.84	22.90
15	64QAM	75	0	21.81	21.72	21.90	22.90
15	256QAM	1	0	20.20	20.10	20.05	22.00
15	256QAM	1	37	20.12	20.10	20.06	22.00
15	256QAM	1	74	20.11	20.03	20.06	22.00
15	256QAM	36	0	20.18	20.10	20.08	22.00
15	256QAM	36	20	20.16	20.05	20.13	22.00
15	256QAM	36	39	20.11	20.00	20.02	22.00
15	256QAM	75	0	20.15	20.06	20.03	22.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	21.89	21.96	21.93	22.90
10	QPSK	1	25	21.81	21.95	21.79	22.90
10	QPSK	1	49	21.74	21.93	21.92	22.90
10	QPSK	25	0	21.77	21.94	21.96	22.90
10	QPSK	25	12	21.79	21.81	21.83	22.90
10	QPSK	25	25	21.70	21.78	21.78	22.90
10	QPSK	50	0	21.64	21.83	21.92	22.90
10	16QAM	1	0	21.84	21.94	21.93	22.90
10	16QAM	1	25	21.77	21.85	21.87	22.90
10	16QAM	1	49	21.79	21.87	21.80	22.90
10	16QAM	25	0	21.77	21.85	21.90	22.90
10	16QAM	25	12	21.74	21.91	21.73	22.90
10	16QAM	25	25	21.68	21.88	21.86	22.90
10	16QAM	50	0	21.71	21.69	21.92	22.90
10	64QAM	1	0	21.71	21.82	21.88	22.90
10	64QAM	1	25	21.74	21.75	21.84	22.90
10	64QAM	1	49	21.72	21.84	21.76	22.90
10	64QAM	25	0	21.68	21.81	21.84	22.90
10	64QAM	25	12	21.72	21.84	21.86	22.90
10	64QAM	25	25	21.78	21.80	21.80	22.90
10	64QAM	50	0	21.83	21.79	21.81	22.90
10	256QAM	1	0	20.25	20.02	20.03	22.00
10	256QAM	1	25	20.19	20.11	20.00	22.00
10	256QAM	1	49	20.11	20.13	20.00	22.00
10	256QAM	25	0	20.17	20.13	20.02	22.00
10	256QAM	25	12	20.14	20.13	20.09	22.00
10	256QAM	25	25	20.15	20.07	20.07	22.00
10	256QAM	50	0	20.13	20.12	20.06	22.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.01	22.03	21.94	22.90
5	QPSK	1	12	21.88	21.97	21.83	22.90
5	QPSK	1	24	21.77	21.97	21.87	22.90
5	QPSK	12	0	21.79	21.96	21.86	22.90
5	QPSK	12	7	21.73	21.90	21.82	22.90
5	QPSK	12	13	21.71	21.87	21.73	22.90
5	QPSK	25	0	21.75	21.92	21.86	22.90
5	16QAM	1	0	21.82	21.91	21.79	22.90
5	16QAM	1	12	21.72	21.86	21.84	22.90
5	16QAM	1	24	21.77	21.83	21.71	22.90
5	16QAM	12	0	21.82	21.86	21.91	22.90
5	16QAM	12	7	21.70	21.82	21.73	22.90
5	16QAM	12	13	21.66	21.76	21.86	22.90
5	16QAM	25	0	21.71	21.72	21.87	22.90
5	64QAM	1	0	21.77	21.87	21.91	22.90
5	64QAM	1	12	21.75	21.80	21.85	22.90
5	64QAM	1	24	21.71	21.83	21.71	22.90
5	64QAM	12	0	21.71	21.83	21.86	22.90
5	64QAM	12	7	21.75	21.78	21.87	22.90
5	64QAM	12	13	21.79	21.83	21.77	22.90
5	64QAM	25	0	21.81	21.78	21.90	22.90
5	256QAM	1	0	20.17	20.12	20.03	22.00
5	256QAM	1	12	20.20	20.08	20.01	22.00
5	256QAM	1	24	20.15	20.03	20.06	22.00
5	256QAM	12	0	20.20	20.02	20.02	22.00
5	256QAM	12	7	20.18	20.13	20.11	22.00
5	256QAM	12	13	20.12	20.08	20.11	22.00
5	256QAM	25	0	20.24	20.07	20.09	22.00

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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				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.21	23.25	23.22	24.00
20	QPSK	1	49	23.17	23.24	23.20	24.00
20	QPSK	1	99	23.10	23.16	23.05	24.00
20	QPSK	50	0	23.17	23.26	23.14	24.00
20	QPSK	50	24	23.01	23.17	23.13	24.00
20	QPSK	50	50	23.13	23.20	23.03	24.00
20	QPSK	100	0	23.06	23.14	23.04	24.00
20	16QAM	1	0	23.10	23.16	23.10	24.00
20	16QAM	1	49	23.14	23.22	23.16	24.00
20	16QAM	1	99	23.07	23.16	23.09	24.00
20	16QAM	50	0	22.94	23.03	22.89	24.00
20	16QAM	50	24	22.95	23.05	22.91	24.00
20	16QAM	50	50	22.91	23.01	22.86	24.00
20	16QAM	100	0	22.87	22.98	22.91	24.00
20	64QAM	1	0	22.94	23.11	23.06	24.00
20	64QAM	1	49	22.95	23.13	23.00	24.00
20	64QAM	1	99	22.83	22.98	22.90	24.00
20	64QAM	50	0	21.96	22.09	21.94	23.00
20	64QAM	50	24	21.86	22.01	21.93	23.00
20	64QAM	50	50	21.90	22.03	21.97	23.00
20	64QAM	100	0	21.82	21.97	21.92	23.00
20	256QAM	1	0	19.81	19.93	19.85	21.00
20	256QAM	1	49	19.65	19.81	19.66	21.00
20	256QAM	1	99	19.76	19.86	19.70	21.00
20	256QAM	50	0	19.80	19.88	19.78	21.00
20	256QAM	50	24	19.85	19.90	19.75	21.00
20	256QAM	50	50	19.78	19.85	19.68	21.00
20	256QAM	100	0	19.70	19.82	19.71	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.10	23.11	23.14	24.00
15	QPSK	1	37	23.11	23.09	23.05	24.00
15	QPSK	1	74	23.06	23.07	23.02	24.00
15	QPSK	36	0	23.07	23.12	23.03	24.00
15	QPSK	36	20	22.96	23.03	23.09	24.00
15	QPSK	36	39	23.06	23.08	22.99	24.00
15	QPSK	75	0	22.99	23.12	22.95	24.00
15	16QAM	1	0	22.97	23.09	23.03	24.00
15	16QAM	1	37	23.01	23.16	23.14	24.00
15	16QAM	1	74	23.02	23.10	23.05	24.00
15	16QAM	36	0	22.85	23.02	22.87	24.00
15	16QAM	36	20	22.85	23.03	22.86	24.00
15	16QAM	36	39	22.77	22.96	22.77	24.00
15	16QAM	75	0	22.77	22.83	22.89	24.00
15	64QAM	1	0	22.87	23.05	23.01	24.00
15	64QAM	1	37	22.90	23.04	22.91	24.00
15	64QAM	1	74	22.72	22.91	22.81	24.00
15	64QAM	36	0	21.94	21.96	21.82	23.00
15	64QAM	36	20	21.78	21.88	21.82	23.00
15	64QAM	36	39	21.79	21.96	21.95	23.00
15	64QAM	75	0	21.74	21.90	21.85	23.00
15	256QAM	1	0	19.72	19.88	19.72	21.00
15	256QAM	1	37	19.54	19.68	19.57	21.00
15	256QAM	1	74	19.68	19.77	19.58	21.00
15	256QAM	36	0	19.74	19.81	19.64	21.00
15	256QAM	36	20	19.75	19.77	19.72	21.00
15	256QAM	36	39	19.74	19.75	19.55	21.00
15	256QAM	75	0	19.62	19.71	19.57	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.19	23.11	23.12	24.00
10	QPSK	1	25	23.07	23.16	23.08	24.00
10	QPSK	1	49	22.99	23.02	22.97	24.00
10	QPSK	25	0	23.04	23.17	22.99	24.00
10	QPSK	25	12	22.96	23.14	22.99	24.00
10	QPSK	25	25	23.12	23.06	22.98	24.00
10	QPSK	50	0	22.93	23.00	22.93	24.00
10	16QAM	1	0	22.95	23.08	23.04	24.00
10	16QAM	1	25	23.08	23.16	23.05	24.00
10	16QAM	1	49	22.95	23.14	23.02	24.00



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10	16QAM	25	0	22.89	23.00	22.75	24.00
10	16QAM	25	12	22.94	23.01	22.81	24.00
10	16QAM	25	25	22.82	22.89	22.84	24.00
10	16QAM	50	0	22.78	22.93	22.87	24.00
10	64QAM	1	0	22.84	22.98	22.98	24.00
10	64QAM	1	25	22.81	23.02	22.87	24.00
10	64QAM	1	49	22.78	22.95	22.81	24.00
10	64QAM	25	0	21.85	22.03	21.82	23.00
10	64QAM	25	12	21.79	21.98	21.81	23.00
10	64QAM	25	25	21.79	21.97	21.95	23.00
10	64QAM	50	0	21.77	21.94	21.79	23.00
10	256QAM	1	0	19.71	19.82	19.70	21.00
10	256QAM	1	25	19.51	19.74	19.55	21.00
10	256QAM	1	49	19.62	19.79	19.69	21.00
10	256QAM	25	0	19.71	19.79	19.64	21.00
10	256QAM	25	12	19.80	19.82	19.69	21.00
10	256QAM	25	25	19.69	19.71	19.63	21.00
10	256QAM	50	0	19.65	19.75	19.69	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.18	23.12	23.09	24.00
5	QPSK	1	12	23.14	23.10	23.16	24.00
5	QPSK	1	24	22.98	23.04	22.98	24.00
5	QPSK	12	0	23.13	23.14	23.00	24.00
5	QPSK	12	7	22.93	23.02	23.05	24.00
5	QPSK	12	13	22.99	23.08	22.96	24.00
5	QPSK	25	0	23.02	23.12	22.97	24.00
5	16QAM	1	0	23.09	23.14	22.96	24.00
5	16QAM	1	12	23.07	23.12	23.03	24.00
5	16QAM	1	24	23.05	23.11	23.02	24.00
5	16QAM	12	0	22.87	22.96	22.85	24.00
5	16QAM	12	7	22.83	22.91	22.76	24.00
5	16QAM	12	13	22.89	22.96	22.72	24.00
5	16QAM	25	0	22.77	22.85	22.87	24.00
5	64QAM	1	0	22.92	23.09	22.94	24.00
5	64QAM	1	12	22.89	23.02	22.93	24.00
5	64QAM	1	24	22.77	22.94	22.82	24.00
5	64QAM	12	0	21.93	22.04	21.86	23.00
5	64QAM	12	7	21.73	21.93	21.81	23.00
5	64QAM	12	13	21.88	22.00	21.86	23.00
5	64QAM	25	0	21.74	21.88	21.79	23.00
5	256QAM	1	0	19.73	19.82	19.78	21.00
5	256QAM	1	12	19.56	19.72	19.57	21.00
5	256QAM	1	24	19.67	19.78	19.68	21.00
5	256QAM	12	0	19.72	19.80	19.75	21.00
5	256QAM	12	7	19.70	19.79	19.71	21.00
5	256QAM	12	13	19.67	19.82	19.63	21.00
5	256QAM	25	0	19.61	19.80	19.63	21.00

【LTE Band 43 (96)_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.37	23.39	23.33	24.00
20	QPSK	1	49	23.14	23.27	23.16	24.00
20	QPSK	1	99	23.02	23.22	23.15	24.00
20	QPSK	50	0	23.20	23.25	23.12	24.00
20	QPSK	50	24	23.14	23.25	23.15	24.00
20	QPSK	50	50	23.08	23.19	23.14	24.00
20	QPSK	100	0	23.20	23.30	23.18	24.00
20	16QAM	1	0	23.07	23.27	23.13	24.00
20	16QAM	1	49	23.18	23.21	23.12	24.00
20	16QAM	1	99	23.04	23.13	23.08	24.00
20	16QAM	50	0	22.87	22.98	22.90	24.00
20	16QAM	50	24	22.92	23.01	22.99	24.00
20	16QAM	50	50	22.88	22.98	22.93	24.00
20	16QAM	100	0	22.83	23.04	22.88	24.00
20	64QAM	1	0	22.71	22.78	22.64	24.00
20	64QAM	1	49	22.79	23.03	22.91	24.00
20	64QAM	1	99	22.64	22.86	22.82	24.00
20	64QAM	50	0	21.86	21.97	21.96	23.00
20	64QAM	50	24	21.82	22.06	21.99	23.00



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20	64QAM	50	50	21.77	22.02	21.94	23.00
20	64QAM	100	0	21.85	22.08	21.96	23.00
20	256QAM	1	0	19.82	19.95	19.76	21.00
20	256QAM	1	49	19.61	19.79	19.78	21.00
20	256QAM	1	99	19.70	19.92	19.69	21.00
20	256QAM	50	0	19.82	20.04	19.81	21.00
20	256QAM	50	24	19.94	19.98	19.85	21.00
20	256QAM	50	50	19.90	20.06	19.88	21.00
20	256QAM	100	0	20.06	20.26	20.15	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.31	23.38	23.21	24.00
15	QPSK	1	37	23.05	23.22	23.09	24.00
15	QPSK	1	74	22.96	23.20	23.00	24.00
15	QPSK	36	0	23.17	23.14	23.01	24.00
15	QPSK	36	20	23.05	23.19	23.07	24.00
15	QPSK	36	39	23.02	23.10	23.10	24.00
15	QPSK	75	0	23.06	23.27	23.03	24.00
15	16QAM	1	0	22.99	23.24	23.08	24.00
15	16QAM	1	37	23.06	23.17	23.01	24.00
15	16QAM	1	74	23.00	22.99	23.04	24.00
15	16QAM	36	0	22.73	22.91	22.89	24.00
15	16QAM	36	20	22.83	22.95	22.97	24.00
15	16QAM	36	39	22.85	22.95	22.92	24.00
15	16QAM	75	0	22.70	22.97	22.85	24.00
15	64QAM	1	0	22.58	22.66	22.62	24.00
15	64QAM	1	37	22.66	22.93	22.90	24.00
15	64QAM	1	74	22.56	22.79	22.80	24.00
15	64QAM	36	0	21.76	21.84	21.91	23.00
15	64QAM	36	20	21.71	21.99	21.95	23.00
15	64QAM	36	39	21.72	21.99	21.91	23.00
15	64QAM	75	0	21.77	21.95	21.85	23.00
15	256QAM	1	0	19.76	19.82	19.68	21.00
15	256QAM	1	37	19.58	19.71	19.68	21.00
15	256QAM	1	74	19.64	19.84	19.61	21.00
15	256QAM	36	0	19.80	19.96	19.67	21.00
15	256QAM	36	20	19.86	19.91	19.78	21.00
15	256QAM	36	39	19.78	19.96	19.80	21.00
15	256QAM	75	0	19.92	20.22	20.05	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.33	23.29	23.26	24.00
10	QPSK	1	25	23.02	23.20	23.08	24.00
10	QPSK	1	49	22.94	23.21	23.09	24.00
10	QPSK	25	0	23.14	23.21	23.02	24.00
10	QPSK	25	12	23.04	23.13	23.07	24.00
10	QPSK	25	25	23.01	23.06	23.08	24.00
10	QPSK	50	0	23.17	23.24	23.07	24.00
10	16QAM	1	0	22.95	23.25	23.07	24.00
10	16QAM	1	25	23.07	23.08	23.04	24.00
10	16QAM	1	49	22.92	23.03	22.95	24.00
10	16QAM	25	0	22.82	22.90	22.76	24.00
10	16QAM	25	12	22.85	22.97	22.86	24.00
10	16QAM	25	25	22.85	22.84	22.91	24.00
10	16QAM	50	0	22.74	22.99	22.80	24.00
10	64QAM	1	0	22.61	22.69	22.57	24.00
10	64QAM	1	25	22.68	22.93	22.83	24.00
10	64QAM	1	49	22.52	22.82	22.79	24.00
10	64QAM	25	0	21.73	21.96	21.91	23.00
10	64QAM	25	12	21.79	21.92	21.86	23.00
10	64QAM	25	25	21.73	21.89	21.90	23.00
10	64QAM	50	0	21.70	22.04	21.89	23.00
10	256QAM	1	0	19.75	19.90	19.64	21.00
10	256QAM	1	25	19.56	19.66	19.69	21.00
10	256QAM	1	49	19.57	19.88	19.59	21.00
10	256QAM	25	0	19.81	20.01	19.73	21.00
10	256QAM	25	12	19.80	19.89	19.75	21.00
10	256QAM	25	25	19.80	19.94	19.83	21.00
10	256QAM	50	0	19.98	20.23	20.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.32	23.27	23.30	24.00
5	QPSK	1	12	23.01	23.25	23.15	24.00
5	QPSK	1	24	22.90	23.14	23.04	24.00
5	QPSK	12	0	23.06	23.12	23.01	24.00
5	QPSK	12	7	23.05	23.22	23.13	24.00
5	QPSK	12	13	23.02	23.17	23.10	24.00
5	QPSK	25	0	23.13	23.18	23.08	24.00



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5	16QAM	1	0	22.94	23.12	23.01	24.00
5	16QAM	1	12	23.05	23.12	23.07	24.00
5	16QAM	1	24	23.01	22.99	23.02	24.00
5	16QAM	12	0	22.75	22.84	22.77	24.00
5	16QAM	12	7	22.91	22.95	22.84	24.00
5	16QAM	12	13	22.74	22.91	22.81	24.00
5	16QAM	25	0	22.69	22.90	22.84	24.00
5	64QAM	1	0	22.65	22.64	22.55	24.00
5	64QAM	1	12	22.65	22.93	22.87	24.00
5	64QAM	1	24	22.54	22.82	22.77	24.00
5	64QAM	12	0	21.79	21.94	21.92	23.00
5	64QAM	12	7	21.76	21.93	21.88	23.00
5	64QAM	12	13	21.63	21.91	21.89	23.00
5	64QAM	25	0	21.70	22.02	21.90	23.00
5	256QAM	1	0	19.77	19.87	19.63	21.00
5	256QAM	1	12	19.54	19.77	19.63	21.00
5	256QAM	1	24	19.62	19.79	19.57	21.00
5	256QAM	12	0	19.78	20.03	19.74	21.00
5	256QAM	12	7	19.86	19.89	19.70	21.00
5	256QAM	12	13	19.87	19.99	19.74	21.00
5	256QAM	25	0	19.96	20.12	20.07	21.00

【LTE Band 43 (96)_Ant 1_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	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	20.56	20.67	20.64	22.30
20	QPSK	1	49	20.39	20.47	20.51	22.30
20	QPSK	1	99	20.44	20.51	20.50	22.30
20	QPSK	50	0	20.51	20.65	20.63	22.30
20	QPSK	50	24	20.42	20.50	20.50	22.30
20	QPSK	50	50	20.43	20.48	20.49	22.30
20	QPSK	100	0	20.41	20.54	20.52	22.30
20	16QAM	1	0	20.36	20.52	20.46	22.30
20	16QAM	1	49	20.40	20.49	20.54	22.30
20	16QAM	1	99	20.46	20.48	20.48	22.30
20	16QAM	50	0	20.52	20.49	20.46	22.30
20	16QAM	50	24	20.46	20.57	20.53	22.30
20	16QAM	50	50	20.38	20.53	20.46	22.30
20	16QAM	100	0	20.49	20.49	20.43	22.30
20	64QAM	1	0	20.48	20.51	20.48	22.30
20	64QAM	1	49	20.44	20.57	20.47	22.30
20	64QAM	1	99	20.44	20.55	20.52	22.30
20	64QAM	50	0	20.37	20.46	20.47	22.30
20	64QAM	50	24	20.44	20.49	20.46	22.30
20	64QAM	50	50	20.45	20.57	20.53	22.30
20	64QAM	100	0	20.36	20.51	20.51	22.30
20	256QAM	1	0	19.35	19.54	19.57	21.00
20	256QAM	1	49	19.42	19.43	19.42	21.00
20	256QAM	1	99	19.43	19.48	19.42	21.00
20	256QAM	50	0	19.33	19.54	19.53	21.00
20	256QAM	50	24	19.34	19.40	19.40	21.00
20	256QAM	50	50	19.30	19.37	19.34	21.00
20	256QAM	100	0	19.37	19.40	19.39	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	20.54	20.61	20.62	22.30
15	QPSK	1	37	20.33	20.34	20.50	22.30
15	QPSK	1	74	20.45	20.41	20.42	22.30
15	QPSK	36	0	20.47	20.56	20.51	22.30
15	QPSK	36	20	20.31	20.36	20.38	22.30
15	QPSK	36	39	20.36	20.42	20.37	22.30
15	QPSK	75	0	20.42	20.49	20.48	22.30
15	16QAM	1	0	20.43	20.37	20.33	22.30
15	16QAM	1	37	20.32	20.42	20.48	22.30
15	16QAM	1	74	20.43	20.46	20.42	22.30
15	16QAM	36	0	20.37	20.46	20.44	22.30
15	16QAM	36	20	20.40	20.53	20.40	22.30
15	16QAM	36	39	20.36	20.46	20.35	22.30
15	16QAM	75	0	20.42	20.41	20.39	22.30
15	64QAM	1	0	20.46	20.37	20.34	22.30
15	64QAM	1	37	20.37	20.51	20.38	22.30



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15	64QAM	1	74	20.34	20.42	20.46	22.30
15	64QAM	36	0	20.30	20.41	20.42	22.30
15	64QAM	36	20	20.35	20.46	20.38	22.30
15	64QAM	36	39	20.48	20.52	20.43	22.30
15	64QAM	75	0	20.32	20.48	20.37	22.30
15	256QAM	1	0	19.04	19.08	19.10	21.00
15	256QAM	1	37	19.01	19.12	19.04	21.00
15	256QAM	1	74	19.13	19.05	19.09	21.00
15	256QAM	36	0	19.03	19.00	19.02	21.00
15	256QAM	36	20	19.11	19.04	19.01	21.00
15	256QAM	36	39	19.12	19.00	19.08	21.00
15	256QAM	75	0	19.06	19.08	19.13	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	20.50	20.60	20.52	22.30
10	QPSK	1	25	20.31	20.36	20.47	22.30
10	QPSK	1	49	20.47	20.55	20.41	22.30
10	QPSK	25	0	20.47	20.50	20.55	22.30
10	QPSK	25	12	20.44	20.46	20.38	22.30
10	QPSK	25	25	20.32	20.38	20.45	22.30
10	QPSK	50	0	20.45	20.49	20.49	22.30
10	16QAM	1	0	20.43	20.43	20.35	22.30
10	16QAM	1	25	20.35	20.46	20.48	22.30
10	16QAM	1	49	20.38	20.39	20.40	22.30
10	16QAM	25	0	20.41	20.36	20.42	22.30
10	16QAM	25	12	20.40	20.45	20.42	22.30
10	16QAM	25	25	20.38	20.49	20.44	22.30
10	16QAM	50	0	20.30	20.46	20.41	22.30
10	64QAM	1	0	20.44	20.40	20.40	22.30
10	64QAM	1	25	20.40	20.47	20.48	22.30
10	64QAM	1	49	20.31	20.48	20.41	22.30
10	64QAM	25	0	20.35	20.43	20.37	22.30
10	64QAM	25	12	20.41	20.42	20.33	22.30
10	64QAM	25	25	20.35	20.55	20.48	22.30
10	64QAM	50	0	20.32	20.36	20.45	22.30
10	256QAM	1	0	19.09	19.01	19.09	21.00
10	256QAM	1	25	19.11	19.04	19.06	21.00
10	256QAM	1	49	19.02	19.10	19.07	21.00
10	256QAM	25	0	19.10	19.10	19.00	21.00
10	256QAM	25	12	19.12	19.03	19.09	21.00
10	256QAM	25	25	19.10	19.10	19.10	21.00
10	256QAM	50	0	19.02	19.12	19.07	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	20.42	20.54	20.52	22.30
5	QPSK	1	12	20.37	20.38	20.41	22.30
5	QPSK	1	24	20.46	20.42	20.46	22.30
5	QPSK	12	0	20.37	20.59	20.52	22.30
5	QPSK	12	7	20.37	20.44	20.46	22.30
5	QPSK	12	13	20.37	20.39	20.44	22.30
5	QPSK	25	0	20.40	20.44	20.38	22.30
5	16QAM	1	0	20.33	20.49	20.35	22.30
5	16QAM	1	12	20.35	20.44	20.43	22.30
5	16QAM	1	24	20.30	20.40	20.37	22.30
5	16QAM	12	0	20.32	20.35	20.41	22.30
5	16QAM	12	7	20.45	20.53	20.38	22.30
5	16QAM	12	13	20.39	20.47	20.34	22.30
5	16QAM	25	0	20.36	20.45	20.44	22.30
5	64QAM	1	0	20.35	20.39	20.47	22.30
5	64QAM	1	12	20.41	20.52	20.44	22.30
5	64QAM	1	24	20.43	20.44	20.42	22.30
5	64QAM	12	0	20.33	20.32	20.41	22.30
5	64QAM	12	7	20.33	20.42	20.37	22.30
5	64QAM	12	13	20.37	20.47	20.50	22.30
5	64QAM	25	0	20.34	20.43	20.39	22.30
5	256QAM	1	0	19.10	19.02	19.03	21.00
5	256QAM	1	12	19.04	19.11	19.13	21.00
5	256QAM	1	24	19.03	19.14	19.01	21.00
5	256QAM	12	0	19.09	19.02	19.09	21.00
5	256QAM	12	7	19.05	19.15	19.10	21.00
5	256QAM	12	13	19.01	19.07	19.01	21.00
5	256QAM	25	0	19.10	19.07	19.15	21.00

**【LTE Band 43 (96)_Ant 1_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	23.37	23.39	23.33	24.00
20	QPSK	1	49	23.14	23.27	23.16	24.00
20	QPSK	1	99	23.02	23.22	23.15	24.00
20	QPSK	50	0	23.20	23.25	23.12	24.00
20	QPSK	50	24	23.14	23.25	23.15	24.00
20	QPSK	50	50	23.08	23.19	23.14	24.00
20	QPSK	100	0	23.20	23.30	23.18	24.00
20	16QAM	1	0	23.07	23.27	23.13	24.00
20	16QAM	1	49	23.18	23.21	23.12	24.00
20	16QAM	1	99	23.04	23.13	23.08	24.00
20	16QAM	50	0	22.87	22.98	22.90	24.00
20	16QAM	50	24	22.92	23.01	22.99	24.00
20	16QAM	50	50	22.88	22.98	22.93	24.00
20	16QAM	100	0	22.83	23.04	22.88	24.00
20	64QAM	1	0	22.71	22.78	22.64	24.00
20	64QAM	1	49	22.79	23.03	22.91	24.00
20	64QAM	1	99	22.64	22.86	22.82	24.00
20	64QAM	50	0	21.86	21.97	21.96	23.00
20	64QAM	50	24	21.82	22.06	21.99	23.00
20	64QAM	50	50	21.77	22.02	21.94	23.00
20	64QAM	100	0	21.85	22.08	21.96	23.00
20	256QAM	1	0	19.82	19.95	19.76	21.00
20	256QAM	1	49	19.61	19.79	19.78	21.00
20	256QAM	1	99	19.70	19.92	19.69	21.00
20	256QAM	50	0	19.82	20.04	19.81	21.00
20	256QAM	50	24	19.94	19.98	19.85	21.00
20	256QAM	50	50	19.90	20.06	19.88	21.00
20	256QAM	100	0	20.06	20.26	20.15	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.31	23.38	23.21	24.00
15	QPSK	1	37	23.05	23.22	23.09	24.00
15	QPSK	1	74	22.96	23.20	23.00	24.00
15	QPSK	36	0	23.17	23.14	23.01	24.00
15	QPSK	36	20	23.05	23.19	23.07	24.00
15	QPSK	36	39	23.02	23.10	23.10	24.00
15	QPSK	75	0	23.06	23.27	23.03	24.00
15	16QAM	1	0	22.99	23.24	23.08	24.00
15	16QAM	1	37	23.06	23.17	23.01	24.00
15	16QAM	1	74	23.00	22.99	23.04	24.00
15	16QAM	36	0	22.73	22.91	22.89	24.00
15	16QAM	36	20	22.83	22.95	22.97	24.00
15	16QAM	36	39	22.85	22.95	22.92	24.00
15	16QAM	75	0	22.70	22.97	22.85	24.00
15	64QAM	1	0	22.58	22.66	22.62	24.00
15	64QAM	1	37	22.66	22.93	22.90	24.00
15	64QAM	1	74	22.56	22.79	22.80	24.00
15	64QAM	36	0	21.76	21.84	21.91	23.00
15	64QAM	36	20	21.71	21.99	21.95	23.00
15	64QAM	36	39	21.72	21.99	21.91	23.00
15	64QAM	75	0	21.77	21.95	21.85	23.00
15	256QAM	1	0	19.76	19.82	19.68	21.00
15	256QAM	1	37	19.58	19.71	19.68	21.00
15	256QAM	1	74	19.64	19.84	19.61	21.00
15	256QAM	36	0	19.80	19.96	19.67	21.00
15	256QAM	36	20	19.86	19.91	19.78	21.00
15	256QAM	36	39	19.78	19.96	19.80	21.00
15	256QAM	75	0	19.92	20.22	20.05	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.33	23.29	23.26	24.00
10	QPSK	1	25	23.02	23.20	23.08	24.00
10	QPSK	1	49	22.94	23.21	23.09	24.00
10	QPSK	25	0	23.14	23.21	23.02	24.00
10	QPSK	25	12	23.04	23.13	23.07	24.00
10	QPSK	25	25	23.01	23.06	23.08	24.00
10	QPSK	50	0	23.17	23.24	23.07	24.00
10	16QAM	1	0	22.95	23.25	23.07	24.00
10	16QAM	1	25	23.07	23.08	23.04	24.00
10	16QAM	1	49	22.92	23.03	22.95	24.00



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10	16QAM	25	0	22.82	22.90	22.76	24.00
10	16QAM	25	12	22.85	22.97	22.86	24.00
10	16QAM	25	25	22.85	22.84	22.91	24.00
10	16QAM	50	0	22.74	22.99	22.80	24.00
10	64QAM	1	0	22.61	22.69	22.57	24.00
10	64QAM	1	25	22.68	22.93	22.83	24.00
10	64QAM	1	49	22.52	22.82	22.79	24.00
10	64QAM	25	0	21.73	21.96	21.91	23.00
10	64QAM	25	12	21.79	21.92	21.86	23.00
10	64QAM	25	25	21.73	21.89	21.90	23.00
10	64QAM	50	0	21.70	22.04	21.89	23.00
10	256QAM	1	0	19.75	19.90	19.64	21.00
10	256QAM	1	25	19.56	19.66	19.69	21.00
10	256QAM	1	49	19.57	19.88	19.59	21.00
10	256QAM	25	0	19.81	20.01	19.73	21.00
10	256QAM	25	12	19.80	19.89	19.75	21.00
10	256QAM	25	25	19.80	19.94	19.83	21.00
10	256QAM	50	0	19.98	20.23	20.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.32	23.27	23.30	24.00
5	QPSK	1	12	23.01	23.25	23.15	24.00
5	QPSK	1	24	22.90	23.14	23.04	24.00
5	QPSK	12	0	23.06	23.12	23.01	24.00
5	QPSK	12	7	23.05	23.22	23.13	24.00
5	QPSK	12	13	23.02	23.17	23.10	24.00
5	QPSK	25	0	23.13	23.18	23.08	24.00
5	16QAM	1	0	22.94	23.12	23.01	24.00
5	16QAM	1	12	23.05	23.12	23.07	24.00
5	16QAM	1	24	23.01	22.99	23.02	24.00
5	16QAM	12	0	22.75	22.84	22.77	24.00
5	16QAM	12	7	22.91	22.95	22.84	24.00
5	16QAM	12	13	22.74	22.91	22.81	24.00
5	16QAM	25	0	22.69	22.90	22.84	24.00
5	64QAM	1	0	22.65	22.64	22.55	24.00
5	64QAM	1	12	22.65	22.93	22.87	24.00
5	64QAM	1	24	22.54	22.82	22.77	24.00
5	64QAM	12	0	21.79	21.94	21.92	23.00
5	64QAM	12	7	21.76	21.93	21.88	23.00
5	64QAM	12	13	21.63	21.91	21.89	23.00
5	64QAM	25	0	21.70	22.02	21.90	23.00
5	256QAM	1	0	19.77	19.87	19.63	21.00
5	256QAM	1	12	19.54	19.77	19.63	21.00
5	256QAM	1	24	19.62	19.79	19.57	21.00
5	256QAM	12	0	19.78	20.03	19.74	21.00
5	256QAM	12	7	19.86	19.89	19.70	21.00
5	256QAM	12	13	19.87	19.99	19.74	21.00
5	256QAM	25	0	19.96	20.12	20.07	21.00

【LTE Band 43 (96)_Ant 1_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	23.37	23.39	23.33	24.00
20	QPSK	1	49	23.14	23.27	23.16	24.00
20	QPSK	1	99	23.02	23.22	23.15	24.00
20	QPSK	50	0	23.20	23.25	23.22	24.00
20	QPSK	50	24	23.14	23.15	23.15	24.00
20	QPSK	50	50	23.08	23.19	23.14	24.00
20	QPSK	100	0	23.20	23.30	23.18	24.00
20	16QAM	1	0	23.07	23.27	23.13	24.00
20	16QAM	1	49	23.18	23.21	23.12	24.00
20	16QAM	1	99	23.04	23.13	23.08	24.00
20	16QAM	50	0	22.87	22.98	22.90	24.00
20	16QAM	50	24	22.92	23.01	22.99	24.00
20	16QAM	50	50	22.88	22.98	22.93	24.00
20	16QAM	100	0	22.83	23.04	22.88	24.00
20	64QAM	1	0	22.71	22.78	22.64	24.00
20	64QAM	1	49	22.79	23.03	22.91	24.00
20	64QAM	1	99	22.64	22.86	22.82	24.00
20	64QAM	50	0	21.86	21.97	21.96	23.00
20	64QAM	50	24	21.82	22.06	21.99	23.00



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20	64QAM	50	50	21.77	22.02	21.94	23.00
20	64QAM	100	0	21.85	22.08	21.96	23.00
20	256QAM	1	0	19.82	19.95	19.76	21.00
20	256QAM	1	49	19.61	19.79	19.78	21.00
20	256QAM	1	99	19.70	19.92	19.69	21.00
20	256QAM	50	0	19.82	20.04	19.81	21.00
20	256QAM	50	24	19.94	19.98	19.85	21.00
20	256QAM	50	50	19.90	20.06	19.88	21.00
20	256QAM	100	0	20.06	20.26	20.15	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.31	23.38	23.21	24.00
15	QPSK	1	37	23.05	23.22	23.09	24.00
15	QPSK	1	74	22.96	23.20	23.00	24.00
15	QPSK	36	0	23.17	23.14	23.01	24.00
15	QPSK	36	20	23.05	23.19	23.07	24.00
15	QPSK	36	39	23.02	23.10	23.10	24.00
15	QPSK	75	0	23.06	23.27	23.03	24.00
15	16QAM	1	0	22.99	23.24	23.08	24.00
15	16QAM	1	37	23.06	23.17	23.01	24.00
15	16QAM	1	74	23.00	22.99	23.04	24.00
15	16QAM	36	0	22.73	22.91	22.89	24.00
15	16QAM	36	20	22.83	22.95	22.97	24.00
15	16QAM	36	39	22.85	22.95	22.92	24.00
15	16QAM	75	0	22.70	22.97	22.85	24.00
15	64QAM	1	0	22.58	22.66	22.62	24.00
15	64QAM	1	37	22.66	22.93	22.90	24.00
15	64QAM	1	74	22.56	22.79	22.80	24.00
15	64QAM	36	0	21.76	21.84	21.91	23.00
15	64QAM	36	20	21.71	21.99	21.95	23.00
15	64QAM	36	39	21.72	21.99	21.91	23.00
15	64QAM	75	0	21.77	21.95	21.85	23.00
15	256QAM	1	0	19.76	19.82	19.68	21.00
15	256QAM	1	37	19.58	19.71	19.68	21.00
15	256QAM	1	74	19.64	19.84	19.61	21.00
15	256QAM	36	0	19.80	19.96	19.67	21.00
15	256QAM	36	20	19.86	19.91	19.78	21.00
15	256QAM	36	39	19.78	19.96	19.80	21.00
15	256QAM	75	0	19.92	20.22	20.05	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.33	23.29	23.26	24.00
10	QPSK	1	25	23.02	23.20	23.08	24.00
10	QPSK	1	49	22.94	23.21	23.09	24.00
10	QPSK	25	0	23.14	23.21	23.02	24.00
10	QPSK	25	12	23.04	23.13	23.07	24.00
10	QPSK	25	25	23.01	23.06	23.08	24.00
10	QPSK	50	0	23.17	23.24	23.07	24.00
10	16QAM	1	0	22.95	23.25	23.07	24.00
10	16QAM	1	25	23.07	23.08	23.04	24.00
10	16QAM	1	49	22.92	23.03	22.95	24.00
10	16QAM	25	0	22.82	22.90	22.76	24.00
10	16QAM	25	12	22.85	22.97	22.86	24.00
10	16QAM	25	25	22.85	22.84	22.91	24.00
10	16QAM	50	0	22.74	22.99	22.80	24.00
10	64QAM	1	0	22.61	22.69	22.57	24.00
10	64QAM	1	25	22.68	22.93	22.83	24.00
10	64QAM	1	49	22.52	22.82	22.79	24.00
10	64QAM	25	0	21.73	21.96	21.91	23.00
10	64QAM	25	12	21.79	21.92	21.86	23.00
10	64QAM	25	25	21.73	21.89	21.90	23.00
10	64QAM	50	0	21.70	22.04	21.89	23.00
10	256QAM	1	0	19.75	19.90	19.64	21.00
10	256QAM	1	25	19.56	19.66	19.69	21.00
10	256QAM	1	49	19.57	19.88	19.59	21.00
10	256QAM	25	0	19.81	20.01	19.73	21.00
10	256QAM	25	12	19.80	19.89	19.75	21.00
10	256QAM	25	25	19.80	19.94	19.83	21.00
10	256QAM	50	0	19.98	20.23	20.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.32	23.27	23.30	24.00
5	QPSK	1	12	23.01	23.25	23.15	24.00
5	QPSK	1	24	22.90	23.14	23.04	24.00
5	QPSK	12	0	23.06	23.12	23.01	24.00
5	QPSK	12	7	23.05	23.22	23.13	24.00
5	QPSK	12	13	23.02	23.17	23.10	24.00
5	QPSK	25	0	23.13	23.18	23.08	24.00



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5	16QAM	1	0	22.94	23.12	23.01	24.00
5	16QAM	1	12	23.05	23.12	23.07	24.00
5	16QAM	1	24	23.01	22.99	23.02	24.00
5	16QAM	12	0	22.75	22.84	22.77	24.00
5	16QAM	12	7	22.91	22.95	22.84	24.00
5	16QAM	12	13	22.74	22.91	22.81	24.00
5	16QAM	25	0	22.69	22.90	22.84	24.00
5	64QAM	1	0	22.65	22.64	22.55	24.00
5	64QAM	1	12	22.65	22.93	22.87	24.00
5	64QAM	1	24	22.54	22.82	22.77	24.00
5	64QAM	12	0	21.79	21.94	21.92	23.00
5	64QAM	12	7	21.76	21.93	21.88	23.00
5	64QAM	12	13	21.63	21.91	21.89	23.00
5	64QAM	25	0	21.70	22.02	21.90	23.00
5	256QAM	1	0	19.77	19.87	19.63	21.00
5	256QAM	1	12	19.54	19.77	19.63	21.00
5	256QAM	1	24	19.62	19.79	19.57	21.00
5	256QAM	12	0	19.78	20.03	19.74	21.00
5	256QAM	12	7	19.86	19.89	19.70	21.00
5	256QAM	12	13	19.87	19.99	19.74	21.00
5	256QAM	25	0	19.96	20.12	20.07	21.00

【LTE Band 43 (96)_Ant 1_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				43690	44090	44490	Tune-up limit (dBm)
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	21.57	21.59	21.49	22.30
20	QPSK	1	49	21.42	21.31	21.34	22.30
20	QPSK	1	99	21.44	21.48	21.20	22.30
20	QPSK	50	0	21.55	21.56	21.44	22.30
20	QPSK	50	24	21.44	21.36	21.25	22.30
20	QPSK	50	50	21.39	21.41	21.32	22.30
20	QPSK	100	0	21.37	21.45	21.39	22.30
20	16QAM	1	0	21.33	21.34	21.29	22.30
20	16QAM	1	49	21.34	21.26	21.36	22.30
20	16QAM	1	99	21.45	21.36	21.27	22.30
20	16QAM	50	0	21.48	21.29	21.36	22.30
20	16QAM	50	24	21.46	21.33	21.30	22.30
20	16QAM	50	50	21.38	21.30	21.31	22.30
20	16QAM	100	0	21.50	21.26	21.23	22.30
20	64QAM	1	0	21.49	21.34	21.18	22.30
20	64QAM	1	49	21.45	21.33	21.30	22.30
20	64QAM	1	99	21.47	21.35	21.24	22.30
20	64QAM	50	0	21.32	21.26	21.27	22.30
20	64QAM	50	24	21.39	21.29	21.25	22.30
20	64QAM	50	50	21.45	21.44	21.39	22.30
20	64QAM	100	0	21.30	21.17	21.27	22.30
20	256QAM	1	0	20.38	20.27	20.30	21.00
20	256QAM	1	49	20.40	20.26	20.08	21.00
20	256QAM	1	99	20.45	20.35	20.28	21.00
20	256QAM	50	0	20.35	20.36	20.37	21.00
20	256QAM	50	24	20.33	20.17	20.26	21.00
20	256QAM	50	50	20.32	20.16	20.13	21.00
20	256QAM	100	0	20.27	20.21	20.07	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	21.48	21.46	21.46	22.30
15	QPSK	1	37	21.34	21.21	21.23	22.30
15	QPSK	1	74	21.39	21.46	21.15	22.30
15	QPSK	36	0	21.53	21.47	21.31	22.30
15	QPSK	36	20	21.41	21.35	21.22	22.30
15	QPSK	36	39	21.30	21.38	21.18	22.30
15	QPSK	75	0	21.29	21.43	21.28	22.30
15	16QAM	1	0	21.23	21.25	21.24	22.30
15	16QAM	1	37	21.32	21.12	21.34	22.30
15	16QAM	1	74	21.38	21.24	21.14	22.30
15	16QAM	36	0	21.42	21.22	21.25	22.30
15	16QAM	36	20	21.39	21.21	21.22	22.30
15	16QAM	36	39	21.28	21.27	21.24	22.30
15	16QAM	75	0	21.42	21.22	21.15	22.30
15	64QAM	1	0	21.40	21.26	21.04	22.30
15	64QAM	1	37	21.36	21.19	21.20	22.30



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15	64QAM	1	74	21.38	21.21	21.18	22.30
15	64QAM	36	0	21.23	21.18	21.24	22.30
15	64QAM	36	20	21.29	21.26	21.13	22.30
15	64QAM	36	39	21.38	21.32	21.36	22.30
15	64QAM	75	0	21.25	21.07	21.19	22.30
15	256QAM	1	0	19.08	19.03	19.15	21.00
15	256QAM	1	37	19.03	19.09	19.03	21.00
15	256QAM	1	74	19.12	19.03	19.14	21.00
15	256QAM	36	0	19.09	19.06	19.00	21.00
15	256QAM	36	20	19.02	19.08	19.09	21.00
15	256QAM	36	39	19.13	19.01	19.01	21.00
15	256QAM	75	0	19.11	19.14	19.15	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	21.54	21.44	21.45	22.30
10	QPSK	1	25	21.37	21.16	21.31	22.30
10	QPSK	1	49	21.29	21.40	21.10	22.30
10	QPSK	25	0	21.45	21.39	21.40	22.30
10	QPSK	25	12	21.32	21.23	21.15	22.30
10	QPSK	25	25	21.24	21.29	21.23	22.30
10	QPSK	50	0	21.25	21.33	21.24	22.30
10	16QAM	1	0	21.27	21.19	21.21	22.30
10	16QAM	1	25	21.22	21.17	21.30	22.30
10	16QAM	1	49	21.36	21.33	21.25	22.30
10	16QAM	25	0	21.36	21.21	21.27	22.30
10	16QAM	25	12	21.42	21.27	21.28	22.30
10	16QAM	25	25	21.28	21.20	21.29	22.30
10	16QAM	50	0	21.47	21.20	21.17	22.30
10	64QAM	1	0	21.36	21.24	21.08	22.30
10	64QAM	1	25	21.43	21.31	21.26	22.30
10	64QAM	1	49	21.40	21.26	21.21	22.30
10	64QAM	25	0	21.21	21.13	21.18	22.30
10	64QAM	25	12	21.34	21.26	21.11	22.30
10	64QAM	25	25	21.38	21.43	21.30	22.30
10	64QAM	50	0	21.22	21.11	21.13	22.30
10	256QAM	1	0	19.09	19.04	19.11	21.00
10	256QAM	1	25	19.04	19.05	19.01	21.00
10	256QAM	1	49	19.03	19.05	19.12	21.00
10	256QAM	25	0	19.08	19.07	19.06	21.00
10	256QAM	25	12	19.01	19.05	19.15	21.00
10	256QAM	25	25	19.11	19.02	19.00	21.00
10	256QAM	50	0	19.07	19.08	19.13	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	21.50	21.45	21.47	22.30
5	QPSK	1	12	21.33	21.29	21.31	22.30
5	QPSK	1	24	21.39	21.46	21.12	22.30
5	QPSK	12	0	21.44	21.51	21.42	22.30
5	QPSK	12	7	21.30	21.26	21.19	22.30
5	QPSK	12	13	21.29	21.33	21.23	22.30
5	QPSK	25	0	21.28	21.42	21.36	22.30
5	16QAM	1	0	21.30	21.25	21.27	22.30
5	16QAM	1	12	21.33	21.17	21.34	22.30
5	16QAM	1	24	21.36	21.32	21.16	22.30
5	16QAM	12	0	21.37	21.15	21.34	22.30
5	16QAM	12	7	21.44	21.26	21.19	22.30
5	16QAM	12	13	21.34	21.21	21.22	22.30
5	16QAM	25	0	21.49	21.17	21.19	22.30
5	64QAM	1	0	21.35	21.20	21.16	22.30
5	64QAM	1	12	21.35	21.25	21.27	22.30
5	64QAM	1	24	21.33	21.25	21.20	22.30
5	64QAM	12	0	21.29	21.18	21.24	22.30
5	64QAM	12	7	21.26	21.21	21.18	22.30
5	64QAM	12	13	21.41	21.31	21.25	22.30
5	64QAM	25	0	21.20	21.07	21.22	22.30
5	256QAM	1	0	19.06	19.09	19.10	21.00
5	256QAM	1	12	19.03	19.03	19.04	21.00
5	256QAM	1	24	19.11	19.03	19.02	21.00
5	256QAM	12	0	19.08	19.14	19.04	21.00
5	256QAM	12	7	19.13	19.00	19.03	21.00
5	256QAM	12	13	19.15	19.11	19.05	21.00
5	256QAM	25	0	19.14	19.01	19.14	21.00

**【LTE Band 43 (96)_Ant 1_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	23.37	23.39	23.33	24.00
20	QPSK	1	49	23.14	23.27	23.16	24.00
20	QPSK	1	99	23.02	23.22	23.15	24.00
20	QPSK	50	0	23.20	23.25	23.12	24.00
20	QPSK	50	24	23.14	23.25	23.15	24.00
20	QPSK	50	50	23.08	23.19	23.14	24.00
20	QPSK	100	0	23.20	23.30	23.18	24.00
20	16QAM	1	0	23.07	23.27	23.13	24.00
20	16QAM	1	49	23.18	23.21	23.12	24.00
20	16QAM	1	99	23.04	23.13	23.08	24.00
20	16QAM	50	0	22.87	22.98	22.90	24.00
20	16QAM	50	24	22.92	23.01	22.99	24.00
20	16QAM	50	50	22.88	22.98	22.93	24.00
20	16QAM	100	0	22.83	23.04	22.88	24.00
20	64QAM	1	0	22.71	22.78	22.64	24.00
20	64QAM	1	49	22.79	23.03	22.91	24.00
20	64QAM	1	99	22.64	22.86	22.82	24.00
20	64QAM	50	0	21.86	21.97	21.96	23.00
20	64QAM	50	24	21.82	22.06	21.99	23.00
20	64QAM	50	50	21.77	22.02	21.94	23.00
20	64QAM	100	0	21.85	22.08	21.96	23.00
20	256QAM	1	0	19.82	19.95	19.76	21.00
20	256QAM	1	49	19.61	19.79	19.78	21.00
20	256QAM	1	99	19.70	19.92	19.69	21.00
20	256QAM	50	0	19.82	20.04	19.81	21.00
20	256QAM	50	24	19.94	19.98	19.85	21.00
20	256QAM	50	50	19.90	20.06	19.88	21.00
20	256QAM	100	0	20.06	20.26	20.15	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.31	23.38	23.21	24.00
15	QPSK	1	37	23.05	23.22	23.09	24.00
15	QPSK	1	74	22.96	23.20	23.00	24.00
15	QPSK	36	0	23.17	23.14	23.01	24.00
15	QPSK	36	20	23.05	23.19	23.07	24.00
15	QPSK	36	39	23.02	23.10	23.10	24.00
15	QPSK	75	0	23.06	23.27	23.03	24.00
15	16QAM	1	0	22.99	23.24	23.08	24.00
15	16QAM	1	37	23.06	23.17	23.01	24.00
15	16QAM	1	74	23.00	22.99	23.04	24.00
15	16QAM	36	0	22.73	22.91	22.89	24.00
15	16QAM	36	20	22.83	22.95	22.97	24.00
15	16QAM	36	39	22.85	22.95	22.92	24.00
15	16QAM	75	0	22.70	22.97	22.85	24.00
15	64QAM	1	0	22.58	22.66	22.62	24.00
15	64QAM	1	37	22.66	22.93	22.90	24.00
15	64QAM	1	74	22.56	22.79	22.80	24.00
15	64QAM	36	0	21.76	21.84	21.91	23.00
15	64QAM	36	20	21.71	21.99	21.95	23.00
15	64QAM	36	39	21.72	21.99	21.91	23.00
15	64QAM	75	0	21.77	21.95	21.85	23.00
15	256QAM	1	0	19.76	19.82	19.68	21.00
15	256QAM	1	37	19.58	19.71	19.68	21.00
15	256QAM	1	74	19.64	19.84	19.61	21.00
15	256QAM	36	0	19.80	19.96	19.67	21.00
15	256QAM	36	20	19.86	19.91	19.78	21.00
15	256QAM	36	39	19.78	19.96	19.80	21.00
15	256QAM	75	0	19.92	20.22	20.05	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.33	23.29	23.26	24.00
10	QPSK	1	25	23.02	23.20	23.08	24.00
10	QPSK	1	49	22.94	23.21	23.09	24.00
10	QPSK	25	0	23.14	23.21	23.02	24.00
10	QPSK	25	12	23.04	23.13	23.07	24.00
10	QPSK	25	25	23.01	23.06	23.08	24.00
10	QPSK	50	0	23.17	23.24	23.07	24.00
10	16QAM	1	0	22.95	23.25	23.07	24.00
10	16QAM	1	25	23.07	23.08	23.04	24.00
10	16QAM	1	49	22.92	23.03	22.95	24.00



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10	16QAM	25	0	22.82	22.90	22.76	24.00
10	16QAM	25	12	22.85	22.97	22.86	24.00
10	16QAM	25	25	22.85	22.84	22.91	24.00
10	16QAM	50	0	22.74	22.99	22.80	24.00
10	64QAM	1	0	22.61	22.69	22.57	24.00
10	64QAM	1	25	22.68	22.93	22.83	24.00
10	64QAM	1	49	22.52	22.82	22.79	24.00
10	64QAM	25	0	21.73	21.96	21.91	23.00
10	64QAM	25	12	21.79	21.92	21.86	23.00
10	64QAM	25	25	21.73	21.89	21.90	23.00
10	64QAM	50	0	21.70	22.04	21.89	23.00
10	256QAM	1	0	19.75	19.90	19.64	21.00
10	256QAM	1	25	19.56	19.66	19.69	21.00
10	256QAM	1	49	19.57	19.88	19.59	21.00
10	256QAM	25	0	19.81	20.01	19.73	21.00
10	256QAM	25	12	19.80	19.89	19.75	21.00
10	256QAM	25	25	19.80	19.94	19.83	21.00
10	256QAM	50	0	19.98	20.23	20.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.32	23.27	23.30	24.00
5	QPSK	1	12	23.01	23.25	23.15	24.00
5	QPSK	1	24	22.90	23.14	23.04	24.00
5	QPSK	12	0	23.06	23.12	23.01	24.00
5	QPSK	12	7	23.05	23.22	23.13	24.00
5	QPSK	12	13	23.02	23.17	23.10	24.00
5	QPSK	25	0	23.13	23.18	23.08	24.00
5	16QAM	1	0	22.94	23.12	23.01	24.00
5	16QAM	1	12	23.05	23.12	23.07	24.00
5	16QAM	1	24	23.01	22.99	23.02	24.00
5	16QAM	12	0	22.75	22.84	22.77	24.00
5	16QAM	12	7	22.91	22.95	22.84	24.00
5	16QAM	12	13	22.74	22.91	22.81	24.00
5	16QAM	25	0	22.69	22.90	22.84	24.00
5	64QAM	1	0	22.65	22.64	22.55	24.00
5	64QAM	1	12	22.65	22.93	22.87	24.00
5	64QAM	1	24	22.54	22.82	22.77	24.00
5	64QAM	12	0	21.79	21.94	21.92	23.00
5	64QAM	12	7	21.76	21.93	21.88	23.00
5	64QAM	12	13	21.63	21.91	21.89	23.00
5	64QAM	25	0	21.70	22.02	21.90	23.00
5	256QAM	1	0	19.77	19.87	19.63	21.00
5	256QAM	1	12	19.54	19.77	19.63	21.00
5	256QAM	1	24	19.62	19.79	19.57	21.00
5	256QAM	12	0	19.78	20.03	19.74	21.00
5	256QAM	12	7	19.86	19.89	19.70	21.00
5	256QAM	12	13	19.87	19.99	19.74	21.00
5	256QAM	25	0	19.96	20.12	20.07	21.00

【LTE Band 43 (96)_Ant 1_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	23.37	23.39	23.33	24.00
20	QPSK	1	49	23.14	23.27	23.16	24.00
20	QPSK	1	99	23.02	23.22	23.15	24.00
20	QPSK	50	0	23.20	23.25	23.12	24.00
20	QPSK	50	24	23.14	23.25	23.15	24.00
20	QPSK	50	50	23.08	23.19	23.14	24.00
20	QPSK	100	0	23.20	23.30	23.18	24.00
20	16QAM	1	0	23.07	23.27	23.13	24.00
20	16QAM	1	49	23.18	23.21	23.12	24.00
20	16QAM	1	99	23.04	23.13	23.08	24.00
20	16QAM	50	0	22.87	22.98	22.90	24.00
20	16QAM	50	24	22.92	23.01	22.99	24.00
20	16QAM	50	50	22.88	22.98	22.93	24.00
20	16QAM	100	0	22.83	23.04	22.88	24.00
20	64QAM	1	0	22.71	22.78	22.64	24.00
20	64QAM	1	49	22.79	23.03	22.91	24.00
20	64QAM	1	99	22.64	22.86	22.82	24.00
20	64QAM	50	0	21.86	21.97	21.96	23.00
20	64QAM	50	24	21.82	22.06	21.99	23.00



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20	64QAM	50	50	21.77	22.02	21.94	23.00
20	64QAM	100	0	21.85	22.08	21.96	23.00
20	256QAM	1	0	19.82	19.95	19.76	21.00
20	256QAM	1	49	19.61	19.79	19.78	21.00
20	256QAM	1	99	19.70	19.92	19.69	21.00
20	256QAM	50	0	19.82	20.04	19.81	21.00
20	256QAM	50	24	19.94	19.98	19.85	21.00
20	256QAM	50	50	19.90	20.06	19.88	21.00
20	256QAM	100	0	20.06	20.26	20.15	21.00
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.31	23.38	23.21	24.00
15	QPSK	1	37	23.05	23.22	23.09	24.00
15	QPSK	1	74	22.96	23.20	23.00	24.00
15	QPSK	36	0	23.17	23.14	23.01	24.00
15	QPSK	36	20	23.05	23.19	23.07	24.00
15	QPSK	36	39	23.02	23.10	23.10	24.00
15	QPSK	75	0	23.06	23.27	23.03	24.00
15	16QAM	1	0	22.99	23.24	23.08	24.00
15	16QAM	1	37	23.06	23.17	23.01	24.00
15	16QAM	1	74	23.00	22.99	23.04	24.00
15	16QAM	36	0	22.73	22.91	22.89	24.00
15	16QAM	36	20	22.83	22.95	22.97	24.00
15	16QAM	36	39	22.85	22.95	22.92	24.00
15	16QAM	75	0	22.70	22.97	22.85	24.00
15	64QAM	1	0	22.58	22.66	22.62	24.00
15	64QAM	1	37	22.66	22.93	22.90	24.00
15	64QAM	1	74	22.56	22.79	22.80	24.00
15	64QAM	36	0	21.76	21.84	21.91	23.00
15	64QAM	36	20	21.71	21.99	21.95	23.00
15	64QAM	36	39	21.72	21.99	21.91	23.00
15	64QAM	75	0	21.77	21.95	21.85	23.00
15	256QAM	1	0	19.76	19.82	19.68	21.00
15	256QAM	1	37	19.58	19.71	19.68	21.00
15	256QAM	1	74	19.64	19.84	19.61	21.00
15	256QAM	36	0	19.80	19.96	19.67	21.00
15	256QAM	36	20	19.86	19.91	19.78	21.00
15	256QAM	36	39	19.78	19.96	19.80	21.00
15	256QAM	75	0	19.92	20.22	20.05	21.00
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.33	23.29	23.26	24.00
10	QPSK	1	25	23.02	23.20	23.08	24.00
10	QPSK	1	49	22.94	23.21	23.09	24.00
10	QPSK	25	0	23.14	23.21	23.02	24.00
10	QPSK	25	12	23.04	23.13	23.07	24.00
10	QPSK	25	25	23.01	23.06	23.08	24.00
10	QPSK	50	0	23.17	23.24	23.07	24.00
10	16QAM	1	0	22.95	23.25	23.07	24.00
10	16QAM	1	25	23.07	23.08	23.04	24.00
10	16QAM	1	49	22.92	23.03	22.95	24.00
10	16QAM	25	0	22.82	22.90	22.76	24.00
10	16QAM	25	12	22.85	22.97	22.86	24.00
10	16QAM	25	25	22.85	22.84	22.91	24.00
10	16QAM	50	0	22.74	22.99	22.80	24.00
10	64QAM	1	0	22.61	22.69	22.57	24.00
10	64QAM	1	25	22.68	22.93	22.83	24.00
10	64QAM	1	49	22.52	22.82	22.79	24.00
10	64QAM	25	0	21.73	21.96	21.91	23.00
10	64QAM	25	12	21.79	21.92	21.86	23.00
10	64QAM	25	25	21.73	21.89	21.90	23.00
10	64QAM	50	0	21.70	22.04	21.89	23.00
10	256QAM	1	0	19.75	19.90	19.64	21.00
10	256QAM	1	25	19.56	19.66	19.69	21.00
10	256QAM	1	49	19.57	19.88	19.59	21.00
10	256QAM	25	0	19.81	20.01	19.73	21.00
10	256QAM	25	12	19.80	19.89	19.75	21.00
10	256QAM	25	25	19.80	19.94	19.83	21.00
10	256QAM	50	0	19.98	20.23	20.10	21.00
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.32	23.27	23.30	24.00
5	QPSK	1	12	23.01	23.25	23.15	24.00
5	QPSK	1	24	22.90	23.14	23.04	24.00
5	QPSK	12	0	23.06	23.12	23.01	24.00
5	QPSK	12	7	23.05	23.22	23.13	24.00
5	QPSK	12	13	23.02	23.17	23.10	24.00
5	QPSK	25	0	23.13	23.18	23.08	24.00



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5	16QAM	1	0	22.94	23.12	23.01	24.00
5	16QAM	1	12	23.05	23.12	23.07	24.00
5	16QAM	1	24	23.01	22.99	23.02	24.00
5	16QAM	12	0	22.75	22.84	22.77	24.00
5	16QAM	12	7	22.91	22.95	22.84	24.00
5	16QAM	12	13	22.74	22.91	22.81	24.00
5	16QAM	25	0	22.69	22.90	22.84	24.00
5	64QAM	1	0	22.65	22.64	22.55	24.00
5	64QAM	1	12	22.65	22.93	22.87	24.00
5	64QAM	1	24	22.54	22.82	22.77	24.00
5	64QAM	12	0	21.79	21.94	21.92	23.00
5	64QAM	12	7	21.76	21.93	21.88	23.00
5	64QAM	12	13	21.63	21.91	21.89	23.00
5	64QAM	25	0	21.70	22.02	21.90	23.00
5	256QAM	1	0	19.77	19.87	19.63	21.00
5	256QAM	1	12	19.54	19.77	19.63	21.00
5	256QAM	1	24	19.62	19.79	19.57	21.00
5	256QAM	12	0	19.78	20.03	19.74	21.00
5	256QAM	12	7	19.86	19.89	19.70	21.00
5	256QAM	12	13	19.87	19.99	19.74	21.00
5	256QAM	25	0	19.96	20.12	20.07	21.00

【LTE Band 48_Ant 3_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.55	23.62	23.35	23.37	24.00
20	QPSK	1	49	23.29	23.34	23.34	23.30	24.00
20	QPSK	1	99	23.26	23.31	23.29	23.32	24.00
20	QPSK	50	0	23.46	23.60	23.53	23.51	24.00
20	QPSK	50	24	23.43	23.32	23.10	23.26	24.00
20	QPSK	50	50	23.38	23.31	23.04	23.14	24.00
20	QPSK	100	0	23.31	23.51	23.11	23.08	24.00
20	16QAM	1	0	23.29	23.47	23.02	23.25	24.00
20	16QAM	1	49	23.36	23.55	23.11	23.21	24.00
20	16QAM	1	99	23.37	23.51	23.16	23.10	24.00
20	16QAM	50	0	23.12	23.34	22.89	22.91	24.00
20	16QAM	50	24	23.17	23.31	22.89	22.90	24.00
20	16QAM	50	50	23.03	23.24	22.82	22.94	24.00
20	16QAM	100	0	23.09	23.24	22.81	22.89	24.00
20	64QAM	1	0	23.09	23.30	22.87	22.89	24.00
20	64QAM	1	49	23.11	23.23	22.86	22.91	24.00
20	64QAM	1	99	23.00	23.24	22.92	22.98	24.00
20	64QAM	50	0	22.08	22.31	21.85	21.85	23.00
20	64QAM	50	24	22.16	22.33	21.90	21.96	23.00
20	64QAM	50	50	22.01	22.24	21.94	21.97	23.00
20	64QAM	100	0	22.04	22.22	21.79	21.84	23.00
20	256QAM	1	0	20.06	20.33	19.96	20.01	21.00
20	256QAM	1	49	20.09	20.21	19.97	20.00	21.00
20	256QAM	1	99	20.00	20.19	19.83	19.88	21.00
20	256QAM	50	0	20.16	20.23	19.83	19.94	21.00
20	256QAM	50	24	20.15	20.28	19.85	20.03	21.00
20	256QAM	50	50	20.10	20.28	19.81	19.99	21.00
20	256QAM	100	0	20.15	20.30	19.86	19.94	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.48	23.58	23.27	23.34	24.00
15	QPSK	1	37	23.22	23.48	23.23	23.17	24.00
15	QPSK	1	74	23.18	23.44	23.16	23.24	24.00
15	QPSK	36	0	23.39	23.49	23.12	23.12	24.00
15	QPSK	36	20	23.28	23.49	23.06	23.20	24.00
15	QPSK	36	39	23.26	23.45	22.95	23.00	24.00
15	QPSK	75	0	23.28	23.50	23.08	23.03	24.00
15	16QAM	1	0	23.25	23.44	22.96	23.16	24.00
15	16QAM	1	37	23.31	23.50	23.06	23.12	24.00
15	16QAM	1	74	23.23	23.43	23.02	23.01	24.00
15	16QAM	36	0	23.10	23.28	22.80	22.77	24.00
15	16QAM	36	20	23.15	23.25	22.87	22.88	24.00
15	16QAM	36	39	22.93	23.14	22.77	22.81	24.00
15	16QAM	75	0	23.06	23.19	22.77	22.75	24.00
15	64QAM	1	0	23.04	23.25	22.83	22.81	24.00
15	64QAM	1	37	22.99	23.10	22.79	22.82	24.00



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15	64QAM	1	74	22.91	23.18	22.89	22.83	24.00
15	64QAM	36	0	21.97	22.21	21.73	21.73	23.00
15	64QAM	36	20	22.12	22.29	21.80	21.85	23.00
15	64QAM	36	39	21.99	22.22	21.85	21.92	23.00
15	64QAM	75	0	21.91	22.15	21.64	21.77	23.00
15	256QAM	1	0	20.01	20.31	19.86	19.99	21.00
15	256QAM	1	37	20.02	20.18	19.96	19.97	21.00
15	256QAM	1	74	19.93	20.10	19.68	19.81	21.00
15	256QAM	36	0	20.08	20.12	19.75	19.87	21.00
15	256QAM	36	20	20.14	20.19	19.73	19.93	21.00
15	256QAM	36	39	20.02	20.26	19.70	19.94	21.00
15	256QAM	75	0	20.03	20.28	19.84	19.91	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.41	23.48	23.25	23.29	24.00
10	QPSK	1	25	23.18	23.43	23.28	23.28	24.00
10	QPSK	1	49	23.19	23.36	23.21	23.26	24.00
10	QPSK	25	0	23.44	23.51	23.16	23.14	24.00
10	QPSK	25	12	23.36	23.37	23.01	23.23	24.00
10	QPSK	25	25	23.35	23.47	22.92	23.09	24.00
10	QPSK	50	0	23.27	23.42	23.08	22.99	24.00
10	16QAM	1	0	23.25	23.39	22.98	23.14	24.00
10	16QAM	1	25	23.35	23.50	23.09	23.17	24.00
10	16QAM	1	49	23.22	23.50	23.12	23.01	24.00
10	16QAM	25	0	23.10	23.25	22.81	22.89	24.00
10	16QAM	25	12	23.08	23.25	22.81	22.85	24.00
10	16QAM	25	25	22.89	23.23	22.79	22.87	24.00
10	16QAM	50	0	23.02	23.14	22.73	22.78	24.00
10	64QAM	1	0	23.07	23.20	22.82	22.84	24.00
10	64QAM	1	25	22.97	23.14	22.81	22.79	24.00
10	64QAM	1	49	22.94	23.16	22.80	22.91	24.00
10	64QAM	25	0	22.00	22.18	21.81	21.83	23.00
10	64QAM	25	12	22.05	22.24	21.86	21.82	23.00
10	64QAM	25	25	21.92	22.14	21.83	21.89	23.00
10	64QAM	50	0	22.01	22.16	21.72	21.74	23.00
10	256QAM	1	0	19.99	20.29	19.94	19.95	21.00
10	256QAM	1	25	19.98	20.18	19.90	19.90	21.00
10	256QAM	1	49	19.94	20.09	19.79	19.74	21.00
10	256QAM	25	0	20.06	20.13	19.80	19.84	21.00
10	256QAM	25	12	20.13	20.17	19.72	20.01	21.00
10	256QAM	25	25	19.97	20.20	19.72	19.86	21.00
10	256QAM	50	0	20.01	20.28	19.80	19.89	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.52	23.58	23.24	23.36	24.00
5	QPSK	1	12	23.25	23.44	23.21	23.21	24.00
5	QPSK	1	24	23.15	23.39	23.17	23.24	24.00
5	QPSK	12	0	23.34	23.57	23.20	23.21	24.00
5	QPSK	12	7	23.28	23.47	23.04	23.25	24.00
5	QPSK	12	13	23.34	23.39	22.92	23.12	24.00
5	QPSK	25	0	23.24	23.38	22.99	22.99	24.00
5	16QAM	1	0	23.26	23.38	23.00	23.20	24.00
5	16QAM	1	12	23.29	23.47	23.05	23.08	24.00
5	16QAM	1	24	23.25	23.49	23.12	22.99	24.00
5	16QAM	12	0	23.11	23.31	22.78	22.84	24.00
5	16QAM	12	7	23.13	23.16	22.82	22.79	24.00
5	16QAM	12	13	22.97	23.19	22.78	22.91	24.00
5	16QAM	25	0	23.06	23.14	22.71	22.76	24.00
5	64QAM	1	0	23.08	23.29	22.78	22.77	24.00
5	64QAM	1	12	23.05	23.18	22.77	22.81	24.00
5	64QAM	1	24	22.88	23.18	22.88	22.83	24.00
5	64QAM	12	0	21.94	22.24	21.84	21.73	23.00
5	64QAM	12	7	22.11	22.20	21.80	21.86	23.00
5	64QAM	12	13	21.98	22.13	21.89	21.95	23.00
5	64QAM	25	0	21.98	22.08	21.76	21.74	23.00
5	256QAM	1	0	19.93	20.28	19.87	19.98	21.00
5	256QAM	1	12	19.97	20.10	19.83	19.88	21.00
5	256QAM	1	24	19.98	20.15	19.76	19.77	21.00
5	256QAM	12	0	20.02	20.20	19.76	19.85	21.00
5	256QAM	12	7	20.10	20.15	19.82	19.96	21.00
5	256QAM	12	13	20.00	20.26	19.78	19.92	21.00
5	256QAM	25	0	20.02	20.23	19.84	19.83	21.00

**【LTE Band 48_Ant 3_DSI 12】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	16.94	16.95	16.94	16.93	17.70
20	QPSK	1	49	16.87	16.90	16.89	16.87	17.70
20	QPSK	1	99	16.87	16.90	16.89	16.88	17.70
20	QPSK	50	0	16.89	16.90	16.89	16.89	17.70
20	QPSK	50	24	16.88	16.89	16.87	16.87	17.70
20	QPSK	50	50	16.88	16.89	16.87	16.88	17.70
20	QPSK	100	0	16.88	16.89	16.86	16.88	17.70
20	16QAM	1	0	16.87	16.90	16.89	16.88	17.70
20	16QAM	1	49	16.87	16.90	16.88	16.87	17.70
20	16QAM	1	99	16.87	16.90	16.88	16.88	17.70
20	16QAM	50	0	16.87	16.89	16.89	16.88	17.70
20	16QAM	50	24	16.87	16.90	16.88	16.88	17.70
20	16QAM	50	50	16.87	16.89	16.89	16.88	17.70
20	16QAM	100	0	16.87	16.90	16.88	16.88	17.70
20	64QAM	1	0	16.87	16.90	16.89	16.87	17.70
20	64QAM	1	49	16.88	16.89	16.88	16.88	17.70
20	64QAM	1	99	16.87	16.89	16.89	16.88	17.70
20	64QAM	50	0	15.88	15.91	15.89	15.88	17.70
20	64QAM	50	24	15.89	15.91	15.90	15.89	17.70
20	64QAM	50	50	15.89	15.91	15.90	15.88	17.70
20	64QAM	100	0	15.89	15.91	15.90	15.88	17.70
20	256QAM	1	0	16.82	16.86	16.86	16.82	17.70
20	256QAM	1	49	16.79	16.84	16.86	16.85	17.70
20	256QAM	1	99	16.88	16.84	16.83	16.89	17.70
20	256QAM	50	0	16.87	16.81	16.85	16.86	17.70
20	256QAM	50	24	16.84	16.87	16.85	16.80	17.70
20	256QAM	50	50	16.83	16.83	16.84	16.85	17.70
20	256QAM	100	0	16.85	16.90	16.87	16.88	17.70
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	16.83	16.85	16.91	16.87	17.70
15	QPSK	1	37	16.84	16.77	16.81	16.84	17.70
15	QPSK	1	74	16.83	16.89	16.82	16.83	17.70
15	QPSK	36	0	16.77	16.77	16.84	16.88	17.70
15	QPSK	36	20	16.82	16.78	16.72	16.85	17.70
15	QPSK	36	39	16.83	16.81	16.78	16.84	17.70
15	QPSK	75	0	16.79	16.86	16.84	16.85	17.70
15	16QAM	1	0	16.76	16.80	16.75	16.74	17.70
15	16QAM	1	37	16.74	16.87	16.85	16.85	17.70
15	16QAM	1	74	16.85	16.76	16.80	16.79	17.70
15	16QAM	36	0	16.80	16.78	16.76	16.87	17.70
15	16QAM	36	20	16.77	16.87	16.81	16.87	17.70
15	16QAM	36	39	16.77	16.86	16.75	16.81	17.70
15	16QAM	75	0	16.84	16.86	16.78	16.74	17.70
15	64QAM	1	0	16.73	16.89	16.86	16.80	17.70
15	64QAM	1	37	16.87	16.80	16.86	16.83	17.70
15	64QAM	1	74	16.74	16.85	16.74	16.85	17.70
15	64QAM	36	0	15.80	15.89	15.75	15.83	17.70
15	64QAM	36	20	15.85	15.79	15.88	15.81	17.70
15	64QAM	36	39	15.76	15.85	15.85	15.77	17.70
15	64QAM	75	0	15.78	15.90	15.88	15.84	17.70
15	256QAM	1	0	16.67	16.72	16.74	16.80	17.70
15	256QAM	1	37	16.72	16.78	16.71	16.71	17.70
15	256QAM	1	74	16.77	16.69	16.75	16.86	17.70
15	256QAM	36	0	16.85	16.70	16.84	16.72	17.70
15	256QAM	36	20	16.77	16.79	16.73	16.74	17.70
15	256QAM	36	39	16.79	16.73	16.76	16.80	17.70
15	256QAM	75	0	16.71	16.76	16.84	16.84	17.70
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	16.79	16.91	16.87	16.89	17.70
10	QPSK	1	25	16.82	16.80	16.77	16.84	17.70
10	QPSK	1	49	16.86	16.86	16.82	16.74	17.70
10	QPSK	25	0	16.80	16.75	16.78	16.83	17.70
10	QPSK	25	12	16.81	16.86	16.86	16.84	17.70
10	QPSK	25	25	16.81	16.85	16.75	16.76	17.70
10	QPSK	50	0	16.84	16.78	16.81	16.79	17.70
10	16QAM	1	0	16.75	16.83	16.83	16.75	17.70
10	16QAM	1	25	16.82	16.79	16.74	16.82	17.70
10	16QAM	1	49	16.82	16.81	16.84	16.75	17.70



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10	16QAM	25	0	16.81	16.77	16.77	16.75	17.70
10	16QAM	25	12	16.74	16.75	16.73	16.81	17.70
10	16QAM	25	25	16.75	16.75	16.79	16.79	17.70
10	16QAM	50	0	16.79	16.84	16.76	16.77	17.70
10	64QAM	1	0	16.77	16.86	16.81	16.76	17.70
10	64QAM	1	25	16.83	16.83	16.83	16.74	17.70
10	64QAM	1	49	16.77	16.87	16.77	16.83	17.70
10	64QAM	25	0	15.84	15.89	15.86	15.81	17.70
10	64QAM	25	12	15.84	15.78	15.79	15.82	17.70
10	64QAM	25	25	15.87	15.82	15.81	15.76	17.70
10	64QAM	50	0	15.87	15.85	15.87	15.79	17.70
10	256QAM	1	0	16.79	16.74	16.77	16.73	17.70
10	256QAM	1	25	16.74	16.70	16.78	16.72	17.70
10	256QAM	1	49	16.74	16.72	16.82	16.74	17.70
10	256QAM	25	0	16.79	16.77	16.78	16.77	17.70
10	256QAM	25	12	16.74	16.83	16.71	16.73	17.70
10	256QAM	25	25	16.73	16.69	16.70	16.81	17.70
10	256QAM	50	0	16.70	16.87	16.80	16.77	17.70
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	16.79	16.94	16.93	16.82	17.70
5	QPSK	1	12	16.75	16.88	16.83	16.84	17.70
5	QPSK	1	24	16.81	16.79	16.76	16.75	17.70
5	QPSK	12	0	16.82	16.78	16.87	16.83	17.70
5	QPSK	12	7	16.75	16.84	16.83	16.77	17.70
5	QPSK	12	13	16.85	16.87	16.85	16.75	17.70
5	QPSK	25	0	16.81	16.87	16.77	16.83	17.70
5	16QAM	1	0	16.84	16.82	16.88	16.73	17.70
5	16QAM	1	12	16.79	16.83	16.76	16.74	17.70
5	16QAM	1	24	16.82	16.78	16.86	16.87	17.70
5	16QAM	12	0	16.81	16.82	16.87	16.81	17.70
5	16QAM	12	7	16.74	16.85	16.76	16.79	17.70
5	16QAM	12	13	16.85	16.83	16.87	16.75	17.70
5	16QAM	25	0	16.74	16.81	16.76	16.77	17.70
5	64QAM	1	0	16.75	16.83	16.75	16.85	17.70
5	64QAM	1	12	16.80	16.81	16.86	16.86	17.70
5	64QAM	1	24	16.76	16.82	16.87	16.80	17.70
5	64QAM	12	0	15.74	15.83	15.79	15.79	17.70
5	64QAM	12	7	15.75	15.87	15.77	15.87	17.70
5	64QAM	12	13	15.87	15.84	15.75	15.79	17.70
5	64QAM	25	0	15.80	15.84	15.81	15.83	17.70
5	256QAM	1	0	16.73	16.85	16.81	16.78	17.70
5	256QAM	1	12	16.75	16.77	16.84	16.72	17.70
5	256QAM	1	24	16.81	16.74	16.71	16.80	17.70
5	256QAM	12	0	16.85	16.67	16.80	16.81	17.70
5	256QAM	12	7	16.70	16.81	16.78	16.75	17.70
5	256QAM	12	13	16.77	16.77	16.75	16.72	17.70
5	256QAM	25	0	16.76	16.76	16.72	16.75	17.70

【LTE Band 48_Ant 3_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.55	23.62	23.35	23.37	24.00
20	QPSK	1	49	23.29	23.34	23.34	23.30	24.00
20	QPSK	1	99	23.26	23.31	23.29	23.32	24.00
20	QPSK	50	0	23.46	23.60	23.53	23.51	24.00
20	QPSK	50	24	23.43	23.32	23.10	23.26	24.00
20	QPSK	50	50	23.38	23.31	23.04	23.14	24.00
20	QPSK	100	0	23.31	23.51	23.11	23.08	24.00
20	16QAM	1	0	23.29	23.47	23.02	23.25	24.00
20	16QAM	1	49	23.36	23.55	23.11	23.21	24.00
20	16QAM	1	99	23.37	23.51	23.16	23.10	24.00
20	16QAM	50	0	23.12	23.34	22.89	22.91	24.00
20	16QAM	50	24	23.17	23.31	22.89	22.90	24.00
20	16QAM	50	50	23.03	23.24	22.82	22.94	24.00
20	16QAM	100	0	23.09	23.24	22.81	22.89	24.00
20	64QAM	1	0	23.09	23.30	22.87	22.89	24.00
20	64QAM	1	49	23.11	23.23	22.86	22.91	24.00
20	64QAM	1	99	23.00	23.24	22.92	22.98	24.00
20	64QAM	50	0	22.08	22.31	21.85	21.85	23.00
20	64QAM	50	24	22.16	22.33	21.90	21.96	23.00



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20	64QAM	50	50	22.01	22.24	21.94	21.97	23.00
20	64QAM	100	0	22.04	22.22	21.79	21.84	23.00
20	256QAM	1	0	20.06	20.33	19.96	20.01	21.00
20	256QAM	1	49	20.09	20.21	19.97	20.00	21.00
20	256QAM	1	99	20.00	20.19	19.83	19.88	21.00
20	256QAM	50	0	20.16	20.23	19.83	19.94	21.00
20	256QAM	50	24	20.15	20.28	19.85	20.03	21.00
20	256QAM	50	50	20.10	20.28	19.81	19.99	21.00
20	256QAM	100	0	20.15	20.30	19.86	19.94	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.48	23.58	23.27	23.34	24.00
15	QPSK	1	37	23.22	23.48	23.23	23.17	24.00
15	QPSK	1	74	23.18	23.44	23.16	23.24	24.00
15	QPSK	36	0	23.39	23.49	23.12	23.12	24.00
15	QPSK	36	20	23.28	23.49	23.06	23.20	24.00
15	QPSK	36	39	23.26	23.45	22.95	23.00	24.00
15	QPSK	75	0	23.28	23.50	23.08	23.03	24.00
15	16QAM	1	0	23.25	23.44	22.96	23.16	24.00
15	16QAM	1	37	23.31	23.50	23.06	23.12	24.00
15	16QAM	1	74	23.23	23.43	23.02	23.01	24.00
15	16QAM	36	0	23.10	23.28	22.80	22.77	24.00
15	16QAM	36	20	23.15	23.25	22.87	22.88	24.00
15	16QAM	36	39	22.93	23.14	22.77	22.81	24.00
15	16QAM	75	0	23.06	23.19	22.77	22.75	24.00
15	64QAM	1	0	23.04	23.25	22.83	22.81	24.00
15	64QAM	1	37	22.99	23.10	22.79	22.82	24.00
15	64QAM	1	74	22.91	23.18	22.89	22.83	24.00
15	64QAM	36	0	21.97	22.21	21.73	21.73	23.00
15	64QAM	36	20	22.12	22.29	21.80	21.85	23.00
15	64QAM	36	39	21.99	22.22	21.85	21.92	23.00
15	64QAM	75	0	21.91	22.15	21.64	21.77	23.00
15	256QAM	1	0	20.01	20.31	19.86	19.99	21.00
15	256QAM	1	37	20.02	20.18	19.96	19.97	21.00
15	256QAM	1	74	19.93	20.10	19.68	19.81	21.00
15	256QAM	36	0	20.08	20.12	19.75	19.87	21.00
15	256QAM	36	20	20.14	20.19	19.73	19.93	21.00
15	256QAM	36	39	20.02	20.26	19.70	19.94	21.00
15	256QAM	75	0	20.03	20.28	19.84	19.91	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.41	23.48	23.25	23.29	24.00
10	QPSK	1	25	23.18	23.43	23.28	23.28	24.00
10	QPSK	1	49	23.19	23.36	23.21	23.26	24.00
10	QPSK	25	0	23.44	23.51	23.16	23.14	24.00
10	QPSK	25	12	23.36	23.37	23.01	23.23	24.00
10	QPSK	25	25	23.35	23.47	22.92	23.09	24.00
10	QPSK	50	0	23.27	23.42	23.08	22.99	24.00
10	16QAM	1	0	23.25	23.39	22.98	23.14	24.00
10	16QAM	1	25	23.35	23.50	23.09	23.17	24.00
10	16QAM	1	49	23.22	23.50	23.12	23.01	24.00
10	16QAM	25	0	23.10	23.25	22.81	22.89	24.00
10	16QAM	25	12	23.08	23.25	22.81	22.85	24.00
10	16QAM	25	25	22.89	23.23	22.79	22.87	24.00
10	16QAM	50	0	23.02	23.14	22.73	22.78	24.00
10	64QAM	1	0	23.07	23.20	22.82	22.84	24.00
10	64QAM	1	25	22.97	23.14	22.81	22.79	24.00
10	64QAM	1	49	22.94	23.16	22.80	22.91	24.00
10	64QAM	25	0	22.00	22.18	21.81	21.83	23.00
10	64QAM	25	12	22.05	22.24	21.86	21.82	23.00
10	64QAM	25	25	21.92	22.14	21.83	21.89	23.00
10	64QAM	50	0	22.01	22.16	21.72	21.74	23.00
10	256QAM	1	0	19.99	20.29	19.94	19.95	21.00
10	256QAM	1	25	19.98	20.18	19.90	19.90	21.00
10	256QAM	1	49	19.94	20.09	19.79	19.74	21.00
10	256QAM	25	0	20.06	20.13	19.80	19.84	21.00
10	256QAM	25	12	20.13	20.17	19.72	20.01	21.00
10	256QAM	25	25	19.97	20.20	19.72	19.86	21.00
10	256QAM	50	0	20.01	20.28	19.80	19.89	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.52	23.58	23.24	23.36	24.00
5	QPSK	1	12	23.25	23.44	23.21	23.21	24.00
5	QPSK	1	24	23.15	23.39	23.17	23.24	24.00
5	QPSK	12	0	23.34	23.57	23.20	23.21	24.00
5	QPSK	12	7	23.28	23.47	23.04	23.25	24.00
5	QPSK	12	13	23.34	23.39	22.92	23.12	24.00
5	QPSK	25	0	23.24	23.38	22.99	22.99	24.00



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5	16QAM	1	0	23.26	23.38	23.00	23.20	24.00
5	16QAM	1	12	23.29	23.47	23.05	23.08	24.00
5	16QAM	1	24	23.25	23.49	23.12	22.99	24.00
5	16QAM	12	0	23.11	23.31	22.78	22.84	24.00
5	16QAM	12	7	23.13	23.16	22.82	22.79	24.00
5	16QAM	12	13	22.97	23.19	22.78	22.91	24.00
5	16QAM	25	0	23.06	23.14	22.71	22.76	24.00
5	64QAM	1	0	23.08	23.29	22.78	22.77	24.00
5	64QAM	1	12	23.05	23.18	22.77	22.81	24.00
5	64QAM	1	24	22.88	23.18	22.88	22.83	24.00
5	64QAM	12	0	21.94	22.24	21.84	21.73	23.00
5	64QAM	12	7	22.11	22.20	21.80	21.86	23.00
5	64QAM	12	13	21.98	22.13	21.89	21.95	23.00
5	64QAM	25	0	21.98	22.08	21.76	21.74	23.00
5	256QAM	1	0	19.93	20.28	19.87	19.98	21.00
5	256QAM	1	12	19.97	20.10	19.83	19.88	21.00
5	256QAM	1	24	19.98	20.15	19.76	19.77	21.00
5	256QAM	12	0	20.02	20.20	19.76	19.85	21.00
5	256QAM	12	7	20.10	20.15	19.82	19.96	21.00
5	256QAM	12	13	20.00	20.26	19.78	19.92	21.00
5	256QAM	25	0	20.02	20.23	19.84	19.83	21.00

【LTE Band 48_Ant 3_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.70	20.75	20.73	20.72	22.40
20	QPSK	1	49	20.62	20.63	20.62	20.65	22.40
20	QPSK	1	99	20.62	20.65	20.59	20.64	22.40
20	QPSK	50	0	20.68	20.70	20.67	20.67	22.40
20	QPSK	50	24	20.55	20.61	20.63	20.64	22.40
20	QPSK	50	50	20.64	20.65	20.66	20.63	22.40
20	QPSK	100	0	20.62	20.61	20.64	20.64	22.40
20	16QAM	1	0	20.56	20.61	20.60	20.60	22.40
20	16QAM	1	49	20.58	20.60	20.68	20.59	22.40
20	16QAM	1	99	20.62	20.61	20.65	20.67	22.40
20	16QAM	50	0	20.56	20.68	20.65	20.59	22.40
20	16QAM	50	24	20.61	20.63	20.62	20.66	22.40
20	16QAM	50	50	20.65	20.62	20.67	20.58	22.40
20	16QAM	100	0	20.64	20.62	20.64	20.65	22.40
20	64QAM	1	0	20.56	20.69	20.60	20.63	22.40
20	64QAM	1	49	20.57	20.62	20.65	20.62	22.40
20	64QAM	1	99	20.59	20.70	20.63	20.62	22.40
20	64QAM	50	0	20.64	20.60	20.66	20.67	22.40
20	64QAM	50	24	20.59	20.66	20.58	20.65	22.40
20	64QAM	50	50	20.62	20.62	20.59	20.63	22.40
20	64QAM	100	0	20.55	20.69	20.59	20.62	22.40
20	256QAM	1	0	19.25	19.35	19.37	19.36	21.00
20	256QAM	1	49	19.29	19.38	19.36	19.35	21.00
20	256QAM	1	99	19.29	19.37	19.36	19.34	21.00
20	256QAM	50	0	19.29	19.38	19.29	19.31	21.00
20	256QAM	50	24	19.26	19.32	19.33	19.27	21.00
20	256QAM	50	50	19.28	19.38	19.29	19.36	21.00
20	256QAM	100	0	19.26	19.39	19.37	19.32	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.56	20.65	20.63	20.70	22.40
15	QPSK	1	37	20.51	20.62	20.56	20.59	22.40
15	QPSK	1	74	20.56	20.52	20.56	20.50	22.40
15	QPSK	36	0	20.57	20.56	20.56	20.58	22.40
15	QPSK	36	20	20.46	20.60	20.54	20.49	22.40
15	QPSK	36	39	20.58	20.61	20.52	20.51	22.40
15	QPSK	75	0	20.53	20.49	20.54	20.63	22.40
15	16QAM	1	0	20.51	20.55	20.57	20.46	22.40
15	16QAM	1	37	20.48	20.46	20.62	20.57	22.40
15	16QAM	1	74	20.54	20.56	20.61	20.52	22.40
15	16QAM	36	0	20.58	20.65	20.53	20.51	22.40
15	16QAM	36	20	20.52	20.54	20.54	20.54	22.40
15	16QAM	36	39	20.52	20.54	20.58	20.57	22.40
15	16QAM	75	0	20.55	20.52	20.55	20.51	22.40
15	64QAM	1	0	20.57	20.62	20.54	20.53	22.40
15	64QAM	1	37	20.52	20.61	20.51	20.54	22.40



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15	64QAM	1	74	20.58	20.66	20.56	20.58	22.40
15	64QAM	36	0	20.60	20.55	20.63	20.52	22.40
15	64QAM	36	20	20.58	20.62	20.45	20.57	22.40
15	64QAM	36	39	20.56	20.47	20.55	20.57	22.40
15	64QAM	75	0	20.58	20.60	20.56	20.56	22.40
15	256QAM	1	0	19.03	19.10	19.04	19.00	21.00
15	256QAM	1	37	19.01	19.09	19.15	19.02	21.00
15	256QAM	1	74	19.00	19.01	19.01	19.05	21.00
15	256QAM	36	0	19.04	19.05	19.07	19.01	21.00
15	256QAM	36	20	19.15	19.08	19.04	19.12	21.00
15	256QAM	36	39	19.12	19.09	19.12	19.07	21.00
15	256QAM	75	0	19.13	19.10	19.11	19.05	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.63	20.66	20.67	20.66	22.40
10	QPSK	1	25	20.58	20.55	20.57	20.60	22.40
10	QPSK	1	49	20.57	20.63	20.57	20.60	22.40
10	QPSK	25	0	20.53	20.64	20.59	20.53	22.40
10	QPSK	25	12	20.45	20.55	20.48	20.57	22.40
10	QPSK	25	25	20.53	20.53	20.54	20.61	22.40
10	QPSK	50	0	20.55	20.47	20.62	20.51	22.40
10	16QAM	1	0	20.50	20.47	20.57	20.47	22.40
10	16QAM	1	25	20.52	20.56	20.66	20.47	22.40
10	16QAM	1	49	20.55	20.57	20.53	20.57	22.40
10	16QAM	25	0	20.52	20.60	20.57	20.55	22.40
10	16QAM	25	12	20.47	20.53	20.61	20.63	22.40
10	16QAM	25	25	20.60	20.51	20.58	20.53	22.40
10	16QAM	50	0	20.49	20.54	20.54	20.55	22.40
10	64QAM	1	0	20.51	20.67	20.52	20.50	22.40
10	64QAM	1	25	20.43	20.59	20.61	20.59	22.40
10	64QAM	1	49	20.59	20.57	20.62	20.61	22.40
10	64QAM	25	0	20.50	20.56	20.55	20.65	22.40
10	64QAM	25	12	20.49	20.54	20.54	20.57	22.40
10	64QAM	25	25	20.53	20.57	20.53	20.52	22.40
10	64QAM	50	0	20.54	20.56	20.56	20.59	22.40
10	256QAM	1	0	19.03	19.10	19.04	19.04	21.00
10	256QAM	1	25	19.13	19.13	19.04	19.10	21.00
10	256QAM	1	49	19.11	19.04	19.15	19.06	21.00
10	256QAM	25	0	19.13	19.04	19.11	19.08	21.00
10	256QAM	25	12	19.12	19.05	19.10	19.10	21.00
10	256QAM	25	25	19.12	19.06	19.05	19.15	21.00
10	256QAM	50	0	19.11	19.10	19.03	19.02	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.58	20.69	20.69	20.69	22.40
5	QPSK	1	12	20.49	20.49	20.47	20.62	22.40
5	QPSK	1	24	20.49	20.60	20.48	20.59	22.40
5	QPSK	12	0	20.61	20.58	20.65	20.54	22.40
5	QPSK	12	7	20.45	20.60	20.55	20.54	22.40
5	QPSK	12	13	20.50	20.51	20.58	20.50	22.40
5	QPSK	25	0	20.51	20.59	20.51	20.57	22.40
5	16QAM	1	0	20.44	20.50	20.54	20.56	22.40
5	16QAM	1	12	20.48	20.57	20.53	20.44	22.40
5	16QAM	1	24	20.56	20.49	20.50	20.65	22.40
5	16QAM	12	0	20.52	20.63	20.55	20.49	22.40
5	16QAM	12	7	20.56	20.51	20.55	20.53	22.40
5	16QAM	12	13	20.53	20.58	20.59	20.53	22.40
5	16QAM	25	0	20.51	20.59	20.61	20.61	22.40
5	64QAM	1	0	20.55	20.67	20.51	20.60	22.40
5	64QAM	1	12	20.45	20.56	20.57	20.58	22.40
5	64QAM	1	24	20.56	20.62	20.63	20.57	22.40
5	64QAM	12	0	20.60	20.53	20.57	20.64	22.40
5	64QAM	12	7	20.54	20.61	20.54	20.51	22.40
5	64QAM	12	13	20.56	20.51	20.44	20.61	22.40
5	64QAM	25	0	20.49	20.66	20.53	20.59	22.40
5	256QAM	1	0	19.13	19.08	19.11	19.13	21.00
5	256QAM	1	12	19.07	19.02	19.01	19.13	21.00
5	256QAM	1	24	19.05	19.12	19.08	19.09	21.00
5	256QAM	12	0	19.04	19.02	19.05	19.05	21.00
5	256QAM	12	7	19.15	19.01	19.10	19.01	21.00
5	256QAM	12	13	19.02	19.04	19.09	19.04	21.00
5	256QAM	25	0	19.01	19.09	19.12	19.08	21.00

**[LTE Band 48_Ant 3_DSI 7]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	19.60
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.48	19.49	19.37	19.36	19.60
20	QPSK	1	49	19.33	19.33	19.32	19.30	19.60
20	QPSK	1	99	19.32	19.33	19.31	19.31	19.60
20	QPSK	50	0	19.33	19.34	19.33	19.33	19.60
20	QPSK	50	24	19.32	19.33	19.32	19.31	19.60
20	QPSK	50	50	19.32	19.31	19.31	19.31	19.60
20	QPSK	100	0	19.32	19.33	19.31	19.31	19.60
20	16QAM	1	0	19.33	19.33	19.32	19.31	19.60
20	16QAM	1	49	19.33	19.33	19.31	19.31	19.60
20	16QAM	1	99	19.33	19.34	19.31	19.30	19.60
20	16QAM	50	0	19.33	19.33	19.32	19.31	19.60
20	16QAM	50	24	19.32	19.34	19.32	19.31	19.60
20	16QAM	50	50	19.32	19.34	19.31	19.30	19.60
20	16QAM	100	0	19.32	19.33	19.32	19.30	19.60
20	64QAM	1	0	19.32	19.33	19.32	19.31	19.60
20	64QAM	1	49	19.33	19.33	19.32	19.31	19.60
20	64QAM	1	99	19.33	19.33	19.31	19.30	19.60
20	64QAM	50	0	18.38	18.36	18.37	18.34	19.60
20	64QAM	50	24	18.34	18.42	18.36	18.36	19.60
20	64QAM	50	50	18.42	18.35	18.40	18.41	19.60
20	64QAM	100	0	18.34	18.37	18.40	18.33	19.60
20	256QAM	1	0	19.31	19.33	19.32	19.24	19.60
20	256QAM	1	49	19.25	19.31	19.23	19.27	19.60
20	256QAM	1	99	19.26	19.26	19.30	19.23	19.60
20	256QAM	50	0	19.31	19.26	19.26	19.23	19.60
20	256QAM	50	24	19.32	19.30	19.27	19.27	19.60
20	256QAM	50	50	19.25	19.34	19.26	19.23	19.60
20	256QAM	100	0	19.27	19.32	19.30	19.31	19.60
Channel				55315	55820	56160	56665	19.60
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.34	19.29	19.36	19.23	19.60
15	QPSK	1	37	19.21	19.30	19.22	19.18	19.60
15	QPSK	1	74	19.29	19.28	19.25	19.22	19.60
15	QPSK	36	0	19.19	19.31	19.19	19.22	19.60
15	QPSK	36	20	19.23	19.22	19.20	19.23	19.60
15	QPSK	36	39	19.29	19.28	19.26	19.22	19.60
15	QPSK	75	0	19.27	19.22	19.17	19.22	19.60
15	16QAM	1	0	19.20	19.27	19.24	19.30	19.60
15	16QAM	1	37	19.29	19.31	19.24	19.23	19.60
15	16QAM	1	74	19.21	19.24	19.24	19.20	19.60
15	16QAM	36	0	19.29	19.19	19.18	19.26	19.60
15	16QAM	36	20	19.25	19.30	19.19	19.16	19.60
15	16QAM	36	39	19.25	19.25	19.19	19.19	19.60
15	16QAM	75	0	19.20	19.22	19.29	19.20	19.60
15	64QAM	1	0	19.21	19.23	19.23	19.18	19.60
15	64QAM	1	37	19.20	19.22	19.25	19.21	19.60
15	64QAM	1	74	19.30	19.22	19.18	19.18	19.60
15	64QAM	36	0	18.29	18.25	18.33	18.31	19.60
15	64QAM	36	20	18.28	18.34	18.27	18.29	19.60
15	64QAM	36	39	18.34	18.34	18.25	18.26	19.60
15	64QAM	75	0	18.25	18.27	18.36	18.26	19.60
15	256QAM	1	0	19.21	19.31	19.19	19.16	19.60
15	256QAM	1	37	19.18	19.24	19.08	19.24	19.60
15	256QAM	1	74	19.19	19.14	19.20	19.18	19.60
15	256QAM	36	0	19.23	19.17	19.17	19.10	19.60
15	256QAM	36	20	19.22	19.18	19.25	19.18	19.60
15	256QAM	36	39	19.22	19.23	19.14	19.18	19.60
15	256QAM	75	0	19.21	19.17	19.22	19.17	19.60
Channel				55290	55815	56165	56690	19.60
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.25	19.29	19.28	19.34	19.60
10	QPSK	1	25	19.29	19.22	19.30	19.16	19.60
10	QPSK	1	49	19.20	19.29	19.21	19.24	19.60
10	QPSK	25	0	19.29	19.27	19.26	19.29	19.60
10	QPSK	25	12	19.17	19.20	19.21	19.20	19.60
10	QPSK	25	25	19.19	19.24	19.22	19.19	19.60
10	QPSK	50	0	19.27	19.27	19.26	19.23	19.60
10	16QAM	1	0	19.19	19.23	19.29	19.28	19.60
10	16QAM	1	25	19.26	19.21	19.27	19.29	19.60
10	16QAM	1	49	19.21	19.30	19.16	19.16	19.60



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10	16QAM	25	0	19.28	19.29	19.25	19.20	19.60
10	16QAM	25	12	19.28	19.30	19.19	19.29	19.60
10	16QAM	25	25	19.24	19.32	19.22	19.27	19.60
10	16QAM	50	0	19.21	19.31	19.28	19.18	19.60
10	64QAM	1	0	19.19	19.30	19.28	19.25	19.60
10	64QAM	1	25	19.22	19.24	19.20	19.16	19.60
10	64QAM	1	49	19.21	19.29	19.21	19.25	19.60
10	64QAM	25	0	18.34	18.26	18.31	18.25	19.60
10	64QAM	25	12	18.25	18.28	18.25	18.23	19.60
10	64QAM	25	25	18.39	18.28	18.33	18.28	19.60
10	64QAM	50	0	18.30	18.23	18.38	18.23	19.60
10	256QAM	1	0	19.29	19.32	19.21	19.15	19.60
10	256QAM	1	25	19.18	19.22	19.22	19.23	19.60
10	256QAM	1	49	19.18	19.17	19.17	19.19	19.60
10	256QAM	25	0	19.24	19.25	19.11	19.13	19.60
10	256QAM	25	12	19.25	19.17	19.15	19.12	19.60
10	256QAM	25	25	19.18	19.24	19.24	19.11	19.60
10	256QAM	50	0	19.18	19.20	19.25	19.28	19.60
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.32	19.36	19.32	19.28	19.60
5	QPSK	1	12	19.21	19.32	19.18	19.16	19.60
5	QPSK	1	24	19.21	19.28	19.27	19.21	19.60
5	QPSK	12	0	19.31	19.21	19.30	19.24	19.60
5	QPSK	12	7	19.30	19.28	19.29	19.22	19.60
5	QPSK	12	13	19.19	19.23	19.21	19.29	19.60
5	QPSK	25	0	19.19	19.24	19.20	19.28	19.60
5	16QAM	1	0	19.25	19.20	19.23	19.27	19.60
5	16QAM	1	12	19.31	19.29	19.20	19.19	19.60
5	16QAM	1	24	19.29	19.28	19.29	19.20	19.60
5	16QAM	12	0	19.18	19.29	19.30	19.27	19.60
5	16QAM	12	7	19.21	19.27	19.30	19.23	19.60
5	16QAM	12	13	19.22	19.20	19.23	19.20	19.60
5	16QAM	25	0	19.22	19.26	19.24	19.23	19.60
5	64QAM	1	0	19.20	19.29	19.18	19.16	19.60
5	64QAM	1	12	19.28	19.19	19.28	19.21	19.60
5	64QAM	1	24	19.27	19.21	19.27	19.22	19.60
5	64QAM	12	0	18.37	18.29	18.24	18.19	19.60
5	64QAM	12	7	18.26	18.38	18.34	18.27	19.60
5	64QAM	12	13	18.28	18.29	18.37	18.26	19.60
5	64QAM	25	0	18.27	18.34	18.35	18.20	19.60
5	256QAM	1	0	19.28	19.28	19.20	19.20	19.60
5	256QAM	1	12	19.18	19.24	19.17	19.14	19.60
5	256QAM	1	24	19.22	19.17	19.17	19.18	19.60
5	256QAM	12	0	19.25	19.19	19.20	19.19	19.60
5	256QAM	12	7	19.25	19.22	19.17	19.18	19.60
5	256QAM	12	13	19.21	19.31	19.11	19.19	19.60
5	256QAM	25	0	19.17	19.27	19.24	19.19	19.60

【LTE Band 48_Ant 3_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.44	20.45	20.44	20.42	22.30
20	QPSK	1	49	20.39	20.40	20.38	20.38	22.30
20	QPSK	1	99	20.38	20.39	20.38	20.38	22.30
20	QPSK	50	0	20.43	20.44	20.43	20.43	22.30
20	QPSK	50	24	20.39	20.39	20.38	20.38	22.30
20	QPSK	50	50	20.38	20.40	20.38	20.37	22.30
20	QPSK	100	0	20.38	20.40	20.38	20.37	22.30
20	16QAM	1	0	20.39	20.39	20.38	20.37	22.30
20	16QAM	1	49	20.38	20.39	20.39	20.38	22.30
20	16QAM	1	99	20.39	20.40	20.38	20.37	22.30
20	16QAM	50	0	20.38	20.39	20.39	20.37	22.30
20	16QAM	50	24	20.39	20.40	20.39	20.37	22.30
20	16QAM	50	50	20.38	20.39	20.39	20.37	22.30
20	16QAM	100	0	20.39	20.40	20.38	20.37	22.30
20	64QAM	1	0	20.38	20.40	20.38	20.37	22.30
20	64QAM	1	49	20.39	20.40	20.39	20.38	22.30
20	64QAM	1	99	20.38	20.39	20.38	20.37	22.30
20	64QAM	50	0	20.31	20.37	20.33	20.32	22.30
20	64QAM	50	24	20.34	20.37	20.30	20.34	22.30



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20	64QAM	50	50	20.36	20.38	20.32	20.31	22.30
20	64QAM	100	0	20.35	20.33	20.32	20.31	22.30
20	256QAM	1	0	19.11	19.12	19.10	19.12	21.00
20	256QAM	1	49	19.14	19.13	19.11	19.16	21.00
20	256QAM	1	99	19.18	19.15	19.18	19.09	21.00
20	256QAM	50	0	19.10	19.11	19.10	19.11	21.00
20	256QAM	50	24	19.18	19.18	19.18	19.09	21.00
20	256QAM	50	50	19.17	19.20	19.09	19.11	21.00
20	256QAM	100	0	19.09	19.12	19.17	19.11	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.35	20.34	20.31	20.31	22.30
15	QPSK	1	37	20.32	20.33	20.31	20.37	22.30
15	QPSK	1	74	20.41	20.36	20.41	20.34	22.30
15	QPSK	36	0	20.38	20.40	20.42	20.37	22.30
15	QPSK	36	20	20.39	20.36	20.40	20.36	22.30
15	QPSK	36	39	20.30	20.39	20.35	20.39	22.30
15	QPSK	75	0	20.34	20.38	20.35	20.40	22.30
15	16QAM	1	0	20.34	20.37	20.44	20.31	22.30
15	16QAM	1	37	20.35	20.30	20.31	20.31	22.30
15	16QAM	1	74	20.31	20.36	20.31	20.32	22.30
15	16QAM	36	0	20.34	20.37	20.37	20.33	22.30
15	16QAM	36	20	20.37	20.37	20.34	20.32	22.30
15	16QAM	36	39	20.33	20.35	20.36	20.40	22.30
15	16QAM	75	0	20.34	20.42	20.31	20.30	22.30
15	64QAM	1	0	20.42	20.31	20.35	20.33	22.30
15	64QAM	1	37	20.32	20.30	20.41	20.34	22.30
15	64QAM	1	74	20.33	20.34	20.31	20.37	22.30
15	64QAM	36	0	20.39	20.34	20.39	20.34	22.30
15	64QAM	36	20	20.36	20.34	20.44	20.36	22.30
15	64QAM	36	39	20.30	20.31	20.36	20.37	22.30
15	64QAM	75	0	20.34	20.42	20.43	20.38	22.30
15	256QAM	1	0	19.07	19.05	19.02	19.15	21.00
15	256QAM	1	37	19.05	19.14	19.13	19.00	21.00
15	256QAM	1	74	19.02	19.08	19.07	19.03	21.00
15	256QAM	36	0	19.07	19.09	19.03	19.08	21.00
15	256QAM	36	20	19.08	19.06	19.01	19.08	21.00
15	256QAM	36	39	19.04	19.11	19.01	19.02	21.00
15	256QAM	75	0	19.06	19.02	19.10	19.00	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.32	20.37	20.42	20.39	22.30
10	QPSK	1	25	20.31	20.33	20.31	20.36	22.30
10	QPSK	1	49	20.30	20.31	20.40	20.33	22.30
10	QPSK	25	0	20.31	20.41	20.39	20.39	22.30
10	QPSK	25	12	20.37	20.37	20.41	20.31	22.30
10	QPSK	25	25	20.35	20.33	20.31	20.40	22.30
10	QPSK	50	0	20.31	20.36	20.38	20.35	22.30
10	16QAM	1	0	20.31	20.30	20.30	20.37	22.30
10	16QAM	1	25	20.42	20.31	20.37	20.35	22.30
10	16QAM	1	49	20.33	20.34	20.39	20.32	22.30
10	16QAM	25	0	20.37	20.34	20.39	20.33	22.30
10	16QAM	25	12	20.38	20.31	20.37	20.36	22.30
10	16QAM	25	25	20.30	20.32	20.33	20.37	22.30
10	16QAM	50	0	20.34	20.30	20.38	20.33	22.30
10	64QAM	1	0	20.37	20.34	20.33	20.31	22.30
10	64QAM	1	25	20.40	20.32	20.32	20.32	22.30
10	64QAM	1	49	20.34	20.42	20.36	20.31	22.30
10	64QAM	25	0	20.43	20.37	20.35	20.36	22.30
10	64QAM	25	12	20.39	20.37	20.34	20.36	22.30
10	64QAM	25	25	20.37	20.37	20.34	20.31	22.30
10	64QAM	50	0	20.33	20.37	20.30	20.40	22.30
10	256QAM	1	0	19.09	19.04	19.12	19.06	21.00
10	256QAM	1	25	19.11	19.11	19.11	19.02	21.00
10	256QAM	1	49	19.13	19.07	19.01	19.15	21.00
10	256QAM	25	0	19.00	19.11	19.01	19.05	21.00
10	256QAM	25	12	19.05	19.09	19.05	19.08	21.00
10	256QAM	25	25	19.08	19.02	19.05	19.08	21.00
10	256QAM	50	0	19.03	19.12	19.05	19.03	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.40	20.33	20.37	20.42	22.30
5	QPSK	1	12	20.38	20.34	20.33	20.31	22.30
5	QPSK	1	24	20.31	20.34	20.30	20.35	22.30
5	QPSK	12	0	20.37	20.38	20.40	20.43	22.30
5	QPSK	12	7	20.33	20.38	20.35	20.37	22.30
5	QPSK	12	13	20.39	20.36	20.44	20.32	22.30
5	QPSK	25	0	20.30	20.36	20.38	20.33	22.30



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5	16QAM	1	0	20.30	20.44	20.37	20.30	22.30
5	16QAM	1	12	20.31	20.32	20.31	20.33	22.30
5	16QAM	1	24	20.36	20.39	20.35	20.42	22.30
5	16QAM	12	0	20.34	20.43	20.43	20.37	22.30
5	16QAM	12	7	20.42	20.34	20.34	20.37	22.30
5	16QAM	12	13	20.36	20.37	20.34	20.36	22.30
5	16QAM	25	0	20.36	20.34	20.31	20.33	22.30
5	64QAM	1	0	20.35	20.31	20.31	20.33	22.30
5	64QAM	1	12	20.34	20.33	20.35	20.38	22.30
5	64QAM	1	24	20.33	20.36	20.38	20.32	22.30
5	64QAM	12	0	20.37	20.31	20.42	20.34	22.30
5	64QAM	12	7	20.30	20.40	20.43	20.36	22.30
5	64QAM	12	13	20.36	20.34	20.35	20.30	22.30
5	64QAM	25	0	20.38	20.30	20.31	20.39	22.30
5	256QAM	1	0	19.09	19.14	19.01	19.00	21.00
5	256QAM	1	12	19.10	19.04	19.02	19.15	21.00
5	256QAM	1	24	19.06	19.05	19.03	19.05	21.00
5	256QAM	12	0	19.11	19.14	19.08	19.09	21.00
5	256QAM	12	7	19.11	19.06	19.06	19.05	21.00
5	256QAM	12	13	19.12	19.14	19.08	19.01	21.00
5	256QAM	25	0	19.06	19.04	19.02	19.06	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.55	23.62	23.35	23.37	24.00
20	QPSK	1	49	23.29	23.34	23.34	23.30	24.00
20	QPSK	1	99	23.26	23.31	23.29	23.32	24.00
20	QPSK	50	0	23.46	23.60	23.53	23.51	24.00
20	QPSK	50	24	23.43	23.32	23.10	23.26	24.00
20	QPSK	50	50	23.38	23.31	23.04	23.14	24.00
20	QPSK	100	0	23.31	23.51	23.11	23.08	24.00
20	16QAM	1	0	23.29	23.47	23.02	23.25	24.00
20	16QAM	1	49	23.36	23.55	23.11	23.21	24.00
20	16QAM	1	99	23.37	23.51	23.16	23.10	24.00
20	16QAM	50	0	23.12	23.34	22.89	22.91	24.00
20	16QAM	50	24	23.17	23.31	22.89	22.90	24.00
20	16QAM	50	50	23.03	23.24	22.82	22.94	24.00
20	16QAM	100	0	23.09	23.24	22.81	22.89	24.00
20	64QAM	1	0	23.09	23.30	22.87	22.89	24.00
20	64QAM	1	49	23.11	23.23	22.86	22.91	24.00
20	64QAM	1	99	23.00	23.24	22.92	22.98	24.00
20	64QAM	50	0	22.08	22.31	21.85	21.85	23.00
20	64QAM	50	24	22.16	22.33	21.90	21.96	23.00
20	64QAM	50	50	22.01	22.24	21.94	21.97	23.00
20	64QAM	100	0	22.04	22.22	21.79	21.84	23.00
20	256QAM	1	0	20.06	20.33	19.96	20.01	21.00
20	256QAM	1	49	20.09	20.21	19.97	20.00	21.00
20	256QAM	1	99	20.00	20.19	19.83	19.88	21.00
20	256QAM	50	0	20.16	20.23	19.83	19.94	21.00
20	256QAM	50	24	20.15	20.28	19.85	20.03	21.00
20	256QAM	50	50	20.10	20.28	19.81	19.99	21.00
20	256QAM	100	0	20.15	20.30	19.86	19.94	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.48	23.58	23.27	23.34	24.00
15	QPSK	1	37	23.22	23.48	23.23	23.17	24.00
15	QPSK	1	74	23.18	23.44	23.16	23.24	24.00
15	QPSK	36	0	23.39	23.49	23.12	23.12	24.00
15	QPSK	36	20	23.28	23.49	23.06	23.20	24.00
15	QPSK	36	39	23.26	23.45	22.95	23.00	24.00
15	QPSK	75	0	23.28	23.50	23.08	23.03	24.00
15	16QAM	1	0	23.25	23.44	22.96	23.16	24.00
15	16QAM	1	37	23.31	23.50	23.06	23.12	24.00
15	16QAM	1	74	23.23	23.43	23.02	23.01	24.00
15	16QAM	36	0	23.10	23.28	22.80	22.77	24.00
15	16QAM	36	20	23.15	23.25	22.87	22.88	24.00
15	16QAM	36	39	22.93	23.14	22.77	22.81	24.00
15	16QAM	75	0	23.06	23.19	22.77	22.75	24.00
15	64QAM	1	0	23.04	23.25	22.83	22.81	24.00
15	64QAM	1	37	22.99	23.10	22.79	22.82	24.00



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15	64QAM	1	74	22.91	23.18	22.89	22.83	24.00
15	64QAM	36	0	21.97	22.21	21.73	21.73	23.00
15	64QAM	36	20	22.12	22.29	21.80	21.85	23.00
15	64QAM	36	39	21.99	22.22	21.85	21.92	23.00
15	64QAM	75	0	21.91	22.15	21.64	21.77	23.00
15	256QAM	1	0	20.01	20.31	19.86	19.99	21.00
15	256QAM	1	37	20.02	20.18	19.96	19.97	21.00
15	256QAM	1	74	19.93	20.10	19.68	19.81	21.00
15	256QAM	36	0	20.08	20.12	19.75	19.87	21.00
15	256QAM	36	20	20.14	20.19	19.73	19.93	21.00
15	256QAM	36	39	20.02	20.26	19.70	19.94	21.00
15	256QAM	75	0	20.03	20.28	19.84	19.91	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.41	23.48	23.25	23.29	24.00
10	QPSK	1	25	23.18	23.43	23.28	23.28	24.00
10	QPSK	1	49	23.19	23.36	23.21	23.26	24.00
10	QPSK	25	0	23.44	23.51	23.16	23.14	24.00
10	QPSK	25	12	23.36	23.37	23.01	23.23	24.00
10	QPSK	25	25	23.35	23.47	22.92	23.09	24.00
10	QPSK	50	0	23.27	23.42	23.08	22.99	24.00
10	16QAM	1	0	23.25	23.39	22.98	23.14	24.00
10	16QAM	1	25	23.35	23.50	23.09	23.17	24.00
10	16QAM	1	49	23.22	23.50	23.12	23.01	24.00
10	16QAM	25	0	23.10	23.25	22.81	22.89	24.00
10	16QAM	25	12	23.08	23.25	22.81	22.85	24.00
10	16QAM	25	25	22.89	23.23	22.79	22.87	24.00
10	16QAM	50	0	23.02	23.14	22.73	22.78	24.00
10	64QAM	1	0	23.07	23.20	22.82	22.84	24.00
10	64QAM	1	25	22.97	23.14	22.81	22.79	24.00
10	64QAM	1	49	22.94	23.16	22.80	22.91	24.00
10	64QAM	25	0	22.00	22.18	21.81	21.83	23.00
10	64QAM	25	12	22.05	22.24	21.86	21.82	23.00
10	64QAM	25	25	21.92	22.14	21.83	21.89	23.00
10	64QAM	50	0	22.01	22.16	21.72	21.74	23.00
10	256QAM	1	0	19.99	20.29	19.94	19.95	21.00
10	256QAM	1	25	19.98	20.18	19.90	19.90	21.00
10	256QAM	1	49	19.94	20.09	19.79	19.74	21.00
10	256QAM	25	0	20.06	20.13	19.80	19.84	21.00
10	256QAM	25	12	20.13	20.17	19.72	20.01	21.00
10	256QAM	25	25	19.97	20.20	19.72	19.86	21.00
10	256QAM	50	0	20.01	20.28	19.80	19.89	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.52	23.58	23.24	23.36	24.00
5	QPSK	1	12	23.25	23.44	23.21	23.21	24.00
5	QPSK	1	24	23.15	23.39	23.17	23.24	24.00
5	QPSK	12	0	23.34	23.57	23.20	23.21	24.00
5	QPSK	12	7	23.28	23.47	23.04	23.25	24.00
5	QPSK	12	13	23.34	23.39	22.92	23.12	24.00
5	QPSK	25	0	23.24	23.38	22.99	22.99	24.00
5	16QAM	1	0	23.26	23.38	23.00	23.20	24.00
5	16QAM	1	12	23.29	23.47	23.05	23.08	24.00
5	16QAM	1	24	23.25	23.49	23.12	22.99	24.00
5	16QAM	12	0	23.11	23.31	22.78	22.84	24.00
5	16QAM	12	7	23.13	23.16	22.82	22.79	24.00
5	16QAM	12	13	22.97	23.19	22.78	22.91	24.00
5	16QAM	25	0	23.06	23.14	22.71	22.76	24.00
5	64QAM	1	0	23.08	23.29	22.78	22.77	24.00
5	64QAM	1	12	23.05	23.18	22.77	22.81	24.00
5	64QAM	1	24	22.88	23.18	22.88	22.83	24.00
5	64QAM	12	0	21.94	22.24	21.84	21.73	23.00
5	64QAM	12	7	22.11	22.20	21.80	21.86	23.00
5	64QAM	12	13	21.98	22.13	21.89	21.95	23.00
5	64QAM	25	0	21.98	22.08	21.76	21.74	23.00
5	256QAM	1	0	19.93	20.28	19.87	19.98	21.00
5	256QAM	1	12	19.97	20.10	19.83	19.88	21.00
5	256QAM	1	24	19.98	20.15	19.76	19.77	21.00
5	256QAM	12	0	20.02	20.20	19.76	19.85	21.00
5	256QAM	12	7	20.10	20.15	19.82	19.96	21.00
5	256QAM	12	13	20.00	20.26	19.78	19.92	21.00
5	256QAM	25	0	20.02	20.23	19.84	19.83	21.00

**【LTE Band 48_Ant 4_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.18	23.41	23.09	23.15	24.00
20	QPSK	1	49	22.96	23.01	22.89	22.89	24.00
20	QPSK	1	99	22.86	23.02	22.80	22.88	24.00
20	QPSK	50	0	23.07	23.22	23.12	23.08	24.00
20	QPSK	50	24	23.04	23.04	22.92	22.92	24.00
20	QPSK	50	50	23.04	23.05	22.87	22.93	24.00
20	QPSK	100	0	23.00	23.21	22.98	22.97	24.00
20	16QAM	1	0	22.97	23.18	22.94	23.05	24.00
20	16QAM	1	49	22.91	23.04	22.85	22.88	24.00
20	16QAM	1	99	23.11	23.20	23.01	23.05	24.00
20	16QAM	50	0	22.78	22.92	22.74	22.69	24.00
20	16QAM	50	24	22.77	22.94	22.68	22.79	24.00
20	16QAM	50	50	22.65	22.86	22.63	22.67	24.00
20	16QAM	100	0	22.77	22.90	22.69	22.75	24.00
20	64QAM	1	0	22.78	22.89	22.68	22.76	24.00
20	64QAM	1	49	22.63	22.85	22.65	22.73	24.00
20	64QAM	1	99	22.65	22.84	22.54	22.64	24.00
20	64QAM	50	0	21.77	21.93	21.62	21.80	23.00
20	64QAM	50	24	21.78	21.92	21.71	21.70	23.00
20	64QAM	50	50	21.70	21.84	21.61	21.67	23.00
20	64QAM	100	0	21.78	21.96	21.71	21.78	23.00
20	256QAM	1	0	19.57	19.78	19.50	19.66	21.00
20	256QAM	1	49	19.58	19.80	19.63	19.66	21.00
20	256QAM	1	99	19.60	19.73	19.49	19.63	21.00
20	256QAM	50	0	19.82	19.91	19.70	19.73	21.00
20	256QAM	50	24	19.82	19.95	19.77	19.71	21.00
20	256QAM	50	50	19.66	19.86	19.58	19.73	21.00
20	256QAM	100	0	19.78	19.89	19.68	19.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.15	23.22	23.01	23.04	24.00
15	QPSK	1	37	22.81	23.05	22.77	22.75	24.00
15	QPSK	1	74	22.83	22.97	22.71	22.76	24.00
15	QPSK	36	0	22.96	23.18	22.82	22.99	24.00
15	QPSK	36	20	22.91	23.02	22.79	22.84	24.00
15	QPSK	36	39	23.02	23.01	22.75	22.87	24.00
15	QPSK	75	0	22.87	23.07	22.92	22.94	24.00
15	16QAM	1	0	22.88	23.16	22.81	23.00	24.00
15	16QAM	1	37	22.80	22.96	22.75	22.74	24.00
15	16QAM	1	74	23.06	23.14	22.89	22.91	24.00
15	16QAM	36	0	22.68	22.78	22.67	22.65	24.00
15	16QAM	36	20	22.66	22.84	22.57	22.70	24.00
15	16QAM	36	39	22.58	22.82	22.62	22.63	24.00
15	16QAM	75	0	22.67	22.88	22.66	22.60	24.00
15	64QAM	1	0	22.76	22.83	22.61	22.72	24.00
15	64QAM	1	37	22.53	22.76	22.57	22.69	24.00
15	64QAM	1	74	22.59	22.78	22.52	22.55	24.00
15	64QAM	36	0	21.72	21.83	21.57	21.75	23.00
15	64QAM	36	20	21.68	21.77	21.58	21.66	23.00
15	64QAM	36	39	21.55	21.74	21.58	21.66	23.00
15	64QAM	75	0	21.64	21.93	21.67	21.76	23.00
15	256QAM	1	0	19.47	19.70	19.47	19.54	21.00
15	256QAM	1	37	19.53	19.71	19.56	19.54	21.00
15	256QAM	1	74	19.48	19.61	19.45	19.48	21.00
15	256QAM	36	0	19.81	19.77	19.64	19.64	21.00
15	256QAM	36	20	19.71	19.88	19.67	19.59	21.00
15	256QAM	36	39	19.52	19.80	19.44	19.67	21.00
15	256QAM	75	0	19.76	19.76	19.64	19.58	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.11	23.14	22.98	23.06	24.00
10	QPSK	1	25	22.91	22.98	22.86	22.79	24.00
10	QPSK	1	49	22.80	23.00	22.75	22.87	24.00
10	QPSK	25	0	22.97	23.09	22.77	23.00	24.00
10	QPSK	25	12	23.00	23.00	22.81	22.87	24.00
10	QPSK	25	25	22.95	23.02	22.80	22.79	24.00
10	QPSK	50	0	22.91	23.06	22.91	22.89	24.00
10	16QAM	1	0	22.88	23.06	22.83	23.01	24.00
10	16QAM	1	25	22.87	22.91	22.70	22.73	24.00
10	16QAM	1	49	23.06	23.07	22.93	23.01	24.00



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10	16QAM	25	0	22.68	22.80	22.71	22.67	24.00
10	16QAM	25	12	22.64	22.90	22.58	22.68	24.00
10	16QAM	25	25	22.62	22.81	22.52	22.54	24.00
10	16QAM	50	0	22.63	22.78	22.61	22.69	24.00
10	64QAM	1	0	22.64	22.81	22.58	22.74	24.00
10	64QAM	1	25	22.60	22.74	22.56	22.72	24.00
10	64QAM	1	49	22.58	22.77	22.52	22.54	24.00
10	64QAM	25	0	21.64	21.91	21.54	21.71	23.00
10	64QAM	25	12	21.70	21.83	21.69	21.61	23.00
10	64QAM	25	25	21.64	21.75	21.58	21.52	23.00
10	64QAM	50	0	21.69	21.92	21.64	21.75	23.00
10	256QAM	1	0	19.54	19.71	19.43	19.64	21.00
10	256QAM	1	25	19.44	19.68	19.59	19.51	21.00
10	256QAM	1	49	19.57	19.58	19.47	19.59	21.00
10	256QAM	25	0	19.70	19.81	19.68	19.59	21.00
10	256QAM	25	12	19.69	19.87	19.75	19.64	21.00
10	256QAM	25	25	19.60	19.80	19.47	19.63	21.00
10	256QAM	50	0	19.68	19.87	19.65	19.58	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.05	23.22	23.05	23.13	24.00
5	QPSK	1	12	22.81	23.04	22.83	22.77	24.00
5	QPSK	1	24	22.82	23.01	22.66	22.84	24.00
5	QPSK	12	0	23.02	23.16	22.80	23.05	24.00
5	QPSK	12	7	22.92	23.04	22.79	22.87	24.00
5	QPSK	12	13	22.96	23.12	22.83	22.86	24.00
5	QPSK	25	0	22.86	23.12	22.92	22.95	24.00
5	16QAM	1	0	22.93	23.08	22.87	22.91	24.00
5	16QAM	1	12	22.80	22.94	22.78	22.82	24.00
5	16QAM	1	24	23.05	23.13	22.88	22.97	24.00
5	16QAM	12	0	22.71	22.82	22.64	22.61	24.00
5	16QAM	12	7	22.63	22.90	22.67	22.66	24.00
5	16QAM	12	13	22.54	22.83	22.58	22.57	24.00
5	16QAM	25	0	22.68	22.79	22.54	22.70	24.00
5	64QAM	1	0	22.67	22.85	22.59	22.69	24.00
5	64QAM	1	12	22.54	22.72	22.57	22.68	24.00
5	64QAM	1	24	22.55	22.76	22.46	22.52	24.00
5	64QAM	12	0	21.63	21.84	21.58	21.77	23.00
5	64QAM	12	7	21.69	21.82	21.66	21.55	23.00
5	64QAM	12	13	21.64	21.74	21.52	21.60	23.00
5	64QAM	25	0	21.71	21.89	21.63	21.64	23.00
5	256QAM	1	0	19.56	19.74	19.39	19.53	21.00
5	256QAM	1	12	19.56	19.77	19.62	19.64	21.00
5	256QAM	1	24	19.52	19.65	19.42	19.53	21.00
5	256QAM	12	0	19.79	19.81	19.61	19.67	21.00
5	256QAM	12	7	19.75	19.82	19.73	19.68	21.00
5	256QAM	12	13	19.60	19.71	19.51	19.70	21.00
5	256QAM	25	0	19.66	19.78	19.59	19.59	21.00

【LTE Band 48_Ant 4_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.83	20.85	20.69	20.67	21.30
20	QPSK	1	49	20.46	20.65	20.59	20.66	21.30
20	QPSK	1	99	20.40	20.66	20.37	20.47	21.30
20	QPSK	50	0	20.67	20.81	20.68	20.69	21.30
20	QPSK	50	24	20.63	20.65	20.61	20.66	21.30
20	QPSK	50	50	20.49	20.63	20.41	20.39	21.30
20	QPSK	100	0	20.28	20.64	20.44	20.52	21.30
20	16QAM	1	0	20.46	20.63	20.40	20.31	21.30
20	16QAM	1	49	20.46	20.77	20.52	20.53	21.30
20	16QAM	1	99	20.44	20.61	20.40	20.40	21.30
20	16QAM	50	0	20.42	20.66	20.48	20.53	21.30
20	16QAM	50	24	20.46	20.72	20.50	20.51	21.30
20	16QAM	50	50	20.42	20.67	20.49	20.54	21.30
20	16QAM	100	0	20.36	20.63	20.41	20.32	21.30
20	64QAM	1	0	20.34	20.58	20.44	20.42	21.30
20	64QAM	1	49	20.28	20.52	20.34	20.42	21.30
20	64QAM	1	99	20.39	20.57	20.38	20.42	21.30
20	64QAM	50	0	20.38	20.62	20.38	20.43	21.30
20	64QAM	50	24	20.28	20.56	20.45	20.40	21.30



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20	64QAM	50	50	20.36	20.54	20.43	20.35	21.30
20	64QAM	100	0	20.28	20.62	20.36	20.36	21.30
20	256QAM	1	0	20.29	20.55	20.40	20.39	21.00
20	256QAM	1	49	20.29	20.54	20.38	20.44	21.00
20	256QAM	1	99	20.36	20.55	20.45	20.38	21.00
20	256QAM	50	0	20.28	20.53	20.45	20.37	21.00
20	256QAM	50	24	20.34	20.53	20.43	20.45	21.00
20	256QAM	50	50	20.29	20.56	20.44	20.42	21.00
20	256QAM	100	0	20.36	20.62	20.42	20.37	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.76	20.74	20.56	20.61	21.30
15	QPSK	1	37	20.39	20.56	20.47	20.63	21.30
15	QPSK	1	74	20.30	20.60	20.34	20.36	21.30
15	QPSK	36	0	20.58	20.72	20.63	20.66	21.30
15	QPSK	36	20	20.53	20.56	20.49	20.52	21.30
15	QPSK	36	39	20.36	20.61	20.29	20.35	21.30
15	QPSK	75	0	20.21	20.55	20.39	20.48	21.30
15	16QAM	1	0	20.43	20.61	20.28	20.28	21.30
15	16QAM	1	37	20.40	20.63	20.42	20.50	21.30
15	16QAM	1	74	20.33	20.59	20.30	20.29	21.30
15	16QAM	36	0	20.31	20.62	20.36	20.39	21.30
15	16QAM	36	20	20.42	20.70	20.41	20.38	21.30
15	16QAM	36	39	20.29	20.61	20.48	20.47	21.30
15	16QAM	75	0	20.25	20.60	20.35	20.19	21.30
15	64QAM	1	0	20.30	20.47	20.35	20.38	21.30
15	64QAM	1	37	20.25	20.45	20.29	20.33	21.30
15	64QAM	1	74	20.31	20.43	20.34	20.33	21.30
15	64QAM	36	0	20.34	20.48	20.31	20.42	21.30
15	64QAM	36	20	20.19	20.54	20.43	20.31	21.30
15	64QAM	36	39	20.35	20.49	20.33	20.24	21.30
15	64QAM	75	0	20.17	20.57	20.29	20.26	21.30
15	256QAM	1	0	19.84	20.12	20.03	20.06	21.00
15	256QAM	1	37	19.92	20.18	19.98	20.04	21.00
15	256QAM	1	74	19.92	20.13	20.01	19.98	21.00
15	256QAM	36	0	19.94	20.16	20.00	19.98	21.00
15	256QAM	36	20	19.97	20.08	20.05	20.06	21.00
15	256QAM	36	39	19.95	20.25	20.04	20.07	21.00
15	256QAM	75	0	20.01	20.25	20.06	19.99	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.74	20.78	20.58	20.55	21.30
10	QPSK	1	25	20.38	20.60	20.46	20.61	21.30
10	QPSK	1	49	20.34	20.56	20.32	20.40	21.30
10	QPSK	25	0	20.61	20.70	20.66	20.55	21.30
10	QPSK	25	12	20.50	20.50	20.51	20.52	21.30
10	QPSK	25	25	20.39	20.55	20.30	20.28	21.30
10	QPSK	50	0	20.20	20.51	20.38	20.39	21.30
10	16QAM	1	0	20.38	20.51	20.36	20.18	21.30
10	16QAM	1	25	20.38	20.64	20.45	20.49	21.30
10	16QAM	1	49	20.36	20.52	20.34	20.29	21.30
10	16QAM	25	0	20.30	20.59	20.47	20.42	21.30
10	16QAM	25	12	20.31	20.68	20.41	20.47	21.30
10	16QAM	25	25	20.30	20.66	20.47	20.53	21.30
10	16QAM	50	0	20.22	20.50	20.27	20.26	21.30
10	64QAM	1	0	20.31	20.49	20.38	20.39	21.30
10	64QAM	1	25	20.17	20.38	20.23	20.30	21.30
10	64QAM	1	49	20.28	20.54	20.35	20.32	21.30
10	64QAM	25	0	20.31	20.57	20.26	20.41	21.30
10	64QAM	25	12	20.26	20.49	20.31	20.27	21.30
10	64QAM	25	25	20.24	20.45	20.31	20.22	21.30
10	64QAM	50	0	20.18	20.60	20.22	20.23	21.30
10	256QAM	1	0	19.88	20.24	20.06	20.01	21.00
10	256QAM	1	25	19.91	20.15	19.96	20.11	21.00
10	256QAM	1	49	19.99	20.11	20.03	19.95	21.00
10	256QAM	25	0	19.90	20.12	20.02	19.93	21.00
10	256QAM	25	12	19.99	20.21	20.06	20.08	21.00
10	256QAM	25	25	19.87	20.20	20.10	20.07	21.00
10	256QAM	50	0	19.95	20.19	20.08	19.94	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.81	20.79	20.65	20.62	21.30
5	QPSK	1	12	20.32	20.56	20.51	20.59	21.30
5	QPSK	1	24	20.31	20.65	20.31	20.36	21.30
5	QPSK	12	0	20.62	20.67	20.57	20.56	21.30
5	QPSK	12	7	20.53	20.62	20.48	20.65	21.30
5	QPSK	12	13	20.46	20.62	20.36	20.30	21.30
5	QPSK	25	0	20.26	20.53	20.40	20.43	21.30



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5	16QAM	1	0	20.40	20.60	20.32	20.27	21.30
5	16QAM	1	12	20.31	20.62	20.46	20.51	21.30
5	16QAM	1	24	20.30	20.49	20.27	20.32	21.30
5	16QAM	12	0	20.35	20.59	20.44	20.42	21.30
5	16QAM	12	7	20.33	20.65	20.39	20.40	21.30
5	16QAM	12	13	20.37	20.57	20.40	20.41	21.30
5	16QAM	25	0	20.33	20.62	20.26	20.28	21.30
5	64QAM	1	0	20.31	20.44	20.32	20.34	21.30
5	64QAM	1	12	20.24	20.48	20.30	20.33	21.30
5	64QAM	1	24	20.36	20.47	20.25	20.33	21.30
5	64QAM	12	0	20.32	20.48	20.27	20.41	21.30
5	64QAM	12	7	20.15	20.49	20.40	20.33	21.30
5	64QAM	12	13	20.30	20.44	20.40	20.34	21.30
5	64QAM	25	0	20.14	20.51	20.28	20.30	21.30
5	256QAM	1	0	19.85	20.14	20.07	20.00	21.00
5	256QAM	1	12	19.95	20.16	20.04	20.11	21.00
5	256QAM	1	24	19.96	20.19	20.07	20.03	21.00
5	256QAM	12	0	19.84	20.19	20.07	19.96	21.00
5	256QAM	12	7	19.94	20.21	20.00	20.09	21.00
5	256QAM	12	13	19.94	20.11	20.10	20.07	21.00
5	256QAM	25	0	20.05	20.26	19.97	20.06	21.00

【LTE Band 48_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.18	23.41	23.09	23.15	24.00
20	QPSK	1	49	22.96	23.01	22.89	22.89	24.00
20	QPSK	1	99	22.86	23.02	22.80	22.88	24.00
20	QPSK	50	0	23.07	23.22	23.12	23.08	24.00
20	QPSK	50	24	23.04	23.04	22.92	22.92	24.00
20	QPSK	50	50	23.04	23.05	22.87	22.93	24.00
20	QPSK	100	0	23.00	23.21	22.98	22.97	24.00
20	16QAM	1	0	22.97	23.18	22.94	23.05	24.00
20	16QAM	1	49	22.91	23.04	22.85	22.88	24.00
20	16QAM	1	99	23.11	23.20	23.01	23.05	24.00
20	16QAM	50	0	22.78	22.92	22.74	22.69	24.00
20	16QAM	50	24	22.77	22.94	22.68	22.79	24.00
20	16QAM	50	50	22.65	22.86	22.63	22.67	24.00
20	16QAM	100	0	22.77	22.90	22.69	22.75	24.00
20	64QAM	1	0	22.78	22.89	22.68	22.76	24.00
20	64QAM	1	49	22.63	22.85	22.65	22.73	24.00
20	64QAM	1	99	22.65	22.84	22.54	22.64	24.00
20	64QAM	50	0	21.77	21.93	21.62	21.80	23.00
20	64QAM	50	24	21.78	21.92	21.71	21.70	23.00
20	64QAM	50	50	21.70	21.84	21.61	21.67	23.00
20	64QAM	100	0	21.78	21.96	21.71	21.78	23.00
20	256QAM	1	0	19.57	19.78	19.50	19.66	21.00
20	256QAM	1	49	19.58	19.80	19.63	19.66	21.00
20	256QAM	1	99	19.60	19.73	19.49	19.63	21.00
20	256QAM	50	0	19.82	19.91	19.70	19.73	21.00
20	256QAM	50	24	19.82	19.95	19.77	19.71	21.00
20	256QAM	50	50	19.66	19.86	19.58	19.73	21.00
20	256QAM	100	0	19.78	19.89	19.68	19.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.15	23.22	23.01	23.04	24.00
15	QPSK	1	37	22.81	23.05	22.77	22.75	24.00
15	QPSK	1	74	22.83	22.97	22.71	22.76	24.00
15	QPSK	36	0	22.96	23.18	22.82	22.99	24.00
15	QPSK	36	20	22.91	23.02	22.79	22.84	24.00
15	QPSK	36	39	23.02	23.01	22.75	22.87	24.00
15	QPSK	75	0	22.87	23.07	22.92	22.94	24.00
15	16QAM	1	0	22.88	23.16	22.81	23.00	24.00
15	16QAM	1	37	22.80	22.96	22.75	22.74	24.00
15	16QAM	1	74	23.06	23.14	22.89	22.91	24.00
15	16QAM	36	0	22.68	22.78	22.67	22.65	24.00
15	16QAM	36	20	22.66	22.84	22.57	22.70	24.00
15	16QAM	36	39	22.58	22.82	22.62	22.63	24.00
15	16QAM	75	0	22.67	22.88	22.66	22.60	24.00
15	64QAM	1	0	22.76	22.83	22.61	22.72	24.00
15	64QAM	1	37	22.53	22.76	22.57	22.69	24.00



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15	64QAM	1	74	22.59	22.78	22.52	22.55	24.00
15	64QAM	36	0	21.72	21.83	21.57	21.75	23.00
15	64QAM	36	20	21.68	21.77	21.58	21.66	23.00
15	64QAM	36	39	21.55	21.74	21.58	21.66	23.00
15	64QAM	75	0	21.64	21.93	21.67	21.76	23.00
15	256QAM	1	0	19.47	19.70	19.47	19.54	21.00
15	256QAM	1	37	19.53	19.71	19.56	19.54	21.00
15	256QAM	1	74	19.48	19.61	19.45	19.48	21.00
15	256QAM	36	0	19.81	19.77	19.64	19.64	21.00
15	256QAM	36	20	19.71	19.88	19.67	19.59	21.00
15	256QAM	36	39	19.52	19.80	19.44	19.67	21.00
15	256QAM	75	0	19.76	19.76	19.64	19.58	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.11	23.14	22.98	23.06	24.00
10	QPSK	1	25	22.91	22.98	22.86	22.79	24.00
10	QPSK	1	49	22.80	23.00	22.75	22.87	24.00
10	QPSK	25	0	22.97	23.09	22.77	23.00	24.00
10	QPSK	25	12	23.00	23.00	22.81	22.87	24.00
10	QPSK	25	25	22.95	23.02	22.80	22.79	24.00
10	QPSK	50	0	22.91	23.06	22.91	22.89	24.00
10	16QAM	1	0	22.88	23.06	22.83	23.01	24.00
10	16QAM	1	25	22.87	22.91	22.70	22.73	24.00
10	16QAM	1	49	23.06	23.07	22.93	23.01	24.00
10	16QAM	25	0	22.68	22.80	22.71	22.67	24.00
10	16QAM	25	12	22.64	22.90	22.58	22.68	24.00
10	16QAM	25	25	22.62	22.81	22.52	22.54	24.00
10	16QAM	50	0	22.63	22.78	22.61	22.69	24.00
10	64QAM	1	0	22.64	22.81	22.58	22.74	24.00
10	64QAM	1	25	22.60	22.74	22.56	22.72	24.00
10	64QAM	1	49	22.58	22.77	22.52	22.54	24.00
10	64QAM	25	0	21.64	21.91	21.54	21.71	23.00
10	64QAM	25	12	21.70	21.83	21.69	21.61	23.00
10	64QAM	25	25	21.64	21.75	21.58	21.52	23.00
10	64QAM	50	0	21.69	21.92	21.64	21.75	23.00
10	256QAM	1	0	19.54	19.71	19.43	19.64	21.00
10	256QAM	1	25	19.44	19.68	19.59	19.51	21.00
10	256QAM	1	49	19.57	19.58	19.47	19.59	21.00
10	256QAM	25	0	19.70	19.81	19.68	19.59	21.00
10	256QAM	25	12	19.69	19.87	19.75	19.64	21.00
10	256QAM	25	25	19.60	19.80	19.47	19.63	21.00
10	256QAM	50	0	19.68	19.87	19.65	19.58	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.05	23.22	23.05	23.13	24.00
5	QPSK	1	12	22.81	23.04	22.83	22.77	24.00
5	QPSK	1	24	22.82	23.01	22.66	22.84	24.00
5	QPSK	12	0	23.02	23.16	22.80	23.05	24.00
5	QPSK	12	7	22.92	23.04	22.79	22.87	24.00
5	QPSK	12	13	22.96	23.12	22.83	22.86	24.00
5	QPSK	25	0	22.86	23.12	22.92	22.95	24.00
5	16QAM	1	0	22.93	23.08	22.87	22.91	24.00
5	16QAM	1	12	22.80	22.94	22.78	22.82	24.00
5	16QAM	1	24	23.05	23.13	22.88	22.97	24.00
5	16QAM	12	0	22.71	22.82	22.64	22.61	24.00
5	16QAM	12	7	22.63	22.90	22.67	22.66	24.00
5	16QAM	12	13	22.54	22.83	22.58	22.57	24.00
5	16QAM	25	0	22.68	22.79	22.54	22.70	24.00
5	64QAM	1	0	22.67	22.85	22.59	22.69	24.00
5	64QAM	1	12	22.54	22.72	22.57	22.68	24.00
5	64QAM	1	24	22.55	22.76	22.46	22.52	24.00
5	64QAM	12	0	21.63	21.84	21.58	21.77	23.00
5	64QAM	12	7	21.69	21.82	21.66	21.55	23.00
5	64QAM	12	13	21.64	21.74	21.52	21.60	23.00
5	64QAM	25	0	21.71	21.89	21.63	21.64	23.00
5	256QAM	1	0	19.56	19.74	19.39	19.53	21.00
5	256QAM	1	12	19.56	19.77	19.62	19.64	21.00
5	256QAM	1	24	19.52	19.65	19.42	19.53	21.00
5	256QAM	12	0	19.79	19.81	19.61	19.67	21.00
5	256QAM	12	7	19.75	19.82	19.73	19.68	21.00
5	256QAM	12	13	19.60	19.71	19.51	19.70	21.00
5	256QAM	25	0	19.66	19.78	19.59	19.59	21.00

**[LTE Band 48_Ant 4_DSI 3]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.18	23.41	23.09	23.15	24.00
20	QPSK	1	49	22.96	23.01	22.89	22.89	24.00
20	QPSK	1	99	22.86	23.02	22.80	22.88	24.00
20	QPSK	50	0	23.07	23.22	23.12	23.08	24.00
20	QPSK	50	24	23.04	23.04	22.92	22.92	24.00
20	QPSK	50	50	23.04	23.05	22.87	22.93	24.00
20	QPSK	100	0	23.00	23.21	22.98	22.97	24.00
20	16QAM	1	0	22.97	23.18	22.94	23.05	24.00
20	16QAM	1	49	22.91	23.04	22.85	22.88	24.00
20	16QAM	1	99	23.11	23.20	23.01	23.05	24.00
20	16QAM	50	0	22.78	22.92	22.74	22.69	24.00
20	16QAM	50	24	22.77	22.94	22.68	22.79	24.00
20	16QAM	50	50	22.65	22.86	22.63	22.67	24.00
20	16QAM	100	0	22.77	22.90	22.69	22.75	24.00
20	64QAM	1	0	22.78	22.89	22.68	22.76	24.00
20	64QAM	1	49	22.63	22.85	22.65	22.73	24.00
20	64QAM	1	99	22.65	22.84	22.54	22.64	24.00
20	64QAM	50	0	21.77	21.93	21.62	21.80	23.00
20	64QAM	50	24	21.78	21.92	21.71	21.70	23.00
20	64QAM	50	50	21.70	21.84	21.61	21.67	23.00
20	64QAM	100	0	21.78	21.96	21.71	21.78	23.00
20	256QAM	1	0	19.57	19.78	19.50	19.66	21.00
20	256QAM	1	49	19.58	19.80	19.63	19.66	21.00
20	256QAM	1	99	19.60	19.73	19.49	19.63	21.00
20	256QAM	50	0	19.82	19.91	19.70	19.73	21.00
20	256QAM	50	24	19.82	19.95	19.77	19.71	21.00
20	256QAM	50	50	19.66	19.86	19.58	19.73	21.00
20	256QAM	100	0	19.78	19.89	19.68	19.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.15	23.22	23.01	23.04	24.00
15	QPSK	1	37	22.81	23.05	22.77	22.75	24.00
15	QPSK	1	74	22.83	22.97	22.71	22.76	24.00
15	QPSK	36	0	22.96	23.18	22.82	22.99	24.00
15	QPSK	36	20	22.91	23.02	22.79	22.84	24.00
15	QPSK	36	39	23.02	23.01	22.75	22.87	24.00
15	QPSK	75	0	22.87	23.07	22.92	22.94	24.00
15	16QAM	1	0	22.88	23.16	22.81	23.00	24.00
15	16QAM	1	37	22.80	22.96	22.75	22.74	24.00
15	16QAM	1	74	23.06	23.14	22.89	22.91	24.00
15	16QAM	36	0	22.68	22.78	22.67	22.65	24.00
15	16QAM	36	20	22.66	22.84	22.57	22.70	24.00
15	16QAM	36	39	22.58	22.82	22.62	22.63	24.00
15	16QAM	75	0	22.67	22.88	22.66	22.60	24.00
15	64QAM	1	0	22.76	22.83	22.61	22.72	24.00
15	64QAM	1	37	22.53	22.76	22.57	22.69	24.00
15	64QAM	1	74	22.59	22.78	22.52	22.55	24.00
15	64QAM	36	0	21.72	21.83	21.57	21.75	23.00
15	64QAM	36	20	21.68	21.77	21.58	21.66	23.00
15	64QAM	36	39	21.55	21.74	21.58	21.66	23.00
15	64QAM	75	0	21.64	21.93	21.67	21.76	23.00
15	256QAM	1	0	19.47	19.70	19.47	19.54	21.00
15	256QAM	1	37	19.53	19.71	19.56	19.54	21.00
15	256QAM	1	74	19.48	19.61	19.45	19.48	21.00
15	256QAM	36	0	19.81	19.77	19.64	19.64	21.00
15	256QAM	36	20	19.71	19.88	19.67	19.59	21.00
15	256QAM	36	39	19.52	19.80	19.44	19.67	21.00
15	256QAM	75	0	19.76	19.76	19.64	19.58	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.11	23.14	22.98	23.06	24.00
10	QPSK	1	25	22.91	22.98	22.86	22.79	24.00
10	QPSK	1	49	22.80	23.00	22.75	22.87	24.00
10	QPSK	25	0	22.97	23.09	22.77	23.00	24.00
10	QPSK	25	12	23.00	23.00	22.81	22.87	24.00
10	QPSK	25	25	22.95	23.02	22.80	22.79	24.00
10	QPSK	50	0	22.91	23.06	22.91	22.89	24.00
10	16QAM	1	0	22.88	23.06	22.83	23.01	24.00
10	16QAM	1	25	22.87	22.91	22.70	22.73	24.00
10	16QAM	1	49	23.06	23.07	22.93	23.01	24.00



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10	16QAM	25	0	22.68	22.80	22.71	22.67	24.00
10	16QAM	25	12	22.64	22.90	22.58	22.68	24.00
10	16QAM	25	25	22.62	22.81	22.52	22.54	24.00
10	16QAM	50	0	22.63	22.78	22.61	22.69	24.00
10	64QAM	1	0	22.64	22.81	22.58	22.74	24.00
10	64QAM	1	25	22.60	22.74	22.56	22.72	24.00
10	64QAM	1	49	22.58	22.77	22.52	22.54	24.00
10	64QAM	25	0	21.64	21.91	21.54	21.71	23.00
10	64QAM	25	12	21.70	21.83	21.69	21.61	23.00
10	64QAM	25	25	21.64	21.75	21.58	21.52	23.00
10	64QAM	50	0	21.69	21.92	21.64	21.75	23.00
10	256QAM	1	0	19.54	19.71	19.43	19.64	21.00
10	256QAM	1	25	19.44	19.68	19.59	19.51	21.00
10	256QAM	1	49	19.57	19.58	19.47	19.59	21.00
10	256QAM	25	0	19.70	19.81	19.68	19.59	21.00
10	256QAM	25	12	19.69	19.87	19.75	19.64	21.00
10	256QAM	25	25	19.60	19.80	19.47	19.63	21.00
10	256QAM	50	0	19.68	19.87	19.65	19.58	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.05	23.22	23.05	23.13	24.00
5	QPSK	1	12	22.81	23.04	22.83	22.77	24.00
5	QPSK	1	24	22.82	23.01	22.66	22.84	24.00
5	QPSK	12	0	23.02	23.16	22.80	23.05	24.00
5	QPSK	12	7	22.92	23.04	22.79	22.87	24.00
5	QPSK	12	13	22.96	23.12	22.83	22.86	24.00
5	QPSK	25	0	22.86	23.12	22.92	22.95	24.00
5	16QAM	1	0	22.93	23.08	22.87	22.91	24.00
5	16QAM	1	12	22.80	22.94	22.78	22.82	24.00
5	16QAM	1	24	23.05	23.13	22.88	22.97	24.00
5	16QAM	12	0	22.71	22.82	22.64	22.61	24.00
5	16QAM	12	7	22.63	22.90	22.67	22.66	24.00
5	16QAM	12	13	22.54	22.83	22.58	22.57	24.00
5	16QAM	25	0	22.68	22.79	22.54	22.70	24.00
5	64QAM	1	0	22.67	22.85	22.59	22.69	24.00
5	64QAM	1	12	22.54	22.72	22.57	22.68	24.00
5	64QAM	1	24	22.55	22.76	22.46	22.52	24.00
5	64QAM	12	0	21.63	21.84	21.58	21.77	23.00
5	64QAM	12	7	21.69	21.82	21.66	21.55	23.00
5	64QAM	12	13	21.64	21.74	21.52	21.60	23.00
5	64QAM	25	0	21.71	21.89	21.63	21.64	23.00
5	256QAM	1	0	19.56	19.74	19.39	19.53	21.00
5	256QAM	1	12	19.56	19.77	19.62	19.64	21.00
5	256QAM	1	24	19.52	19.65	19.42	19.53	21.00
5	256QAM	12	0	19.79	19.81	19.61	19.67	21.00
5	256QAM	12	7	19.75	19.82	19.73	19.68	21.00
5	256QAM	12	13	19.60	19.71	19.51	19.70	21.00
5	256QAM	25	0	19.66	19.78	19.59	19.59	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.45	22.37	22.37	22.41	22.70
20	QPSK	1	49	22.21	22.16	22.36	22.31	22.70
20	QPSK	1	99	22.34	22.36	22.24	22.26	22.70
20	QPSK	50	0	22.41	22.38	22.39	22.34	22.70
20	QPSK	50	24	22.23	22.24	22.29	22.22	22.70
20	QPSK	50	50	22.25	22.24	22.26	22.25	22.70
20	QPSK	100	0	22.32	22.31	22.25	22.25	22.70
20	16QAM	1	0	22.28	22.29	22.25	22.25	22.70
20	16QAM	1	49	22.24	22.28	22.27	22.33	22.70
20	16QAM	1	99	22.24	22.29	22.33	22.33	22.70
20	16QAM	50	0	22.25	22.23	22.31	22.23	22.70
20	16QAM	50	24	22.27	22.30	22.31	22.34	22.70
20	16QAM	50	50	22.29	22.30	22.21	22.20	22.70
20	16QAM	100	0	22.23	22.21	22.21	22.16	22.70
20	64QAM	1	0	22.35	22.29	22.19	22.22	22.70
20	64QAM	1	49	22.22	22.26	22.23	22.25	22.70
20	64QAM	1	99	22.32	22.26	22.20	22.24	22.70
20	64QAM	50	0	22.23	22.18	22.34	22.27	22.70
20	64QAM	50	24	22.27	22.28	22.27	22.16	22.70



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20	64QAM	50	50	22.31	22.34	22.28	22.22	22.70
20	64QAM	100	0	22.26	22.27	22.18	22.21	22.70
20	256QAM	1	0	20.71	20.64	20.72	20.71	21.00
20	256QAM	1	49	20.70	20.69	20.68	20.62	21.00
20	256QAM	1	99	20.61	20.59	20.66	20.59	21.00
20	256QAM	50	0	20.77	20.71	20.61	20.71	21.00
20	256QAM	50	24	20.58	20.64	20.65	20.73	21.00
20	256QAM	50	50	20.63	20.73	20.68	20.66	21.00
20	256QAM	100	0	20.62	20.61	20.55	20.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.42	22.25	22.28	22.38	22.70
15	QPSK	1	37	22.19	22.07	22.29	22.22	22.70
15	QPSK	1	74	22.22	22.30	22.15	22.14	22.70
15	QPSK	36	0	22.26	22.23	22.35	22.23	22.70
15	QPSK	36	20	22.19	22.19	22.15	22.17	22.70
15	QPSK	36	39	22.17	22.14	22.24	22.20	22.70
15	QPSK	75	0	22.17	22.19	22.17	22.16	22.70
15	16QAM	1	0	22.25	22.24	22.20	22.10	22.70
15	16QAM	1	37	22.13	22.20	22.17	22.22	22.70
15	16QAM	1	74	22.22	22.27	22.27	22.29	22.70
15	16QAM	36	0	22.12	22.09	22.22	22.12	22.70
15	16QAM	36	20	22.18	22.27	22.16	22.30	22.70
15	16QAM	36	39	22.24	22.20	22.14	22.19	22.70
15	16QAM	75	0	22.16	22.07	22.16	22.13	22.70
15	64QAM	1	0	22.23	22.16	22.18	22.08	22.70
15	64QAM	1	37	22.15	22.12	22.15	22.21	22.70
15	64QAM	1	74	22.20	22.21	22.12	22.10	22.70
15	64QAM	36	0	22.21	22.09	22.27	22.17	22.70
15	64QAM	36	20	22.25	22.27	22.17	22.11	22.70
15	64QAM	36	39	22.18	22.23	22.16	22.20	22.70
15	64QAM	75	0	22.22	22.14	22.16	22.13	22.70
15	256QAM	1	0	19.13	19.01	19.03	19.00	21.00
15	256QAM	1	37	19.04	19.02	19.01	19.13	21.00
15	256QAM	1	74	19.03	19.03	19.12	19.02	21.00
15	256QAM	36	0	19.06	19.14	19.04	19.05	21.00
15	256QAM	36	20	19.15	19.10	19.14	19.01	21.00
15	256QAM	36	39	19.11	19.14	19.02	19.13	21.00
15	256QAM	75	0	19.14	19.02	19.04	19.09	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.36	22.35	22.33	22.36	22.70
10	QPSK	1	25	22.19	22.08	22.22	22.22	22.70
10	QPSK	1	49	22.19	22.27	22.22	22.13	22.70
10	QPSK	25	0	22.36	22.26	22.34	22.22	22.70
10	QPSK	25	12	22.12	22.11	22.28	22.18	22.70
10	QPSK	25	25	22.23	22.15	22.24	22.23	22.70
10	QPSK	50	0	22.23	22.19	22.19	22.18	22.70
10	16QAM	1	0	22.20	22.20	22.23	22.11	22.70
10	16QAM	1	25	22.14	22.15	22.18	22.24	22.70
10	16QAM	1	49	22.09	22.19	22.18	22.31	22.70
10	16QAM	25	0	22.21	22.17	22.22	22.11	22.70
10	16QAM	25	12	22.22	22.23	22.20	22.26	22.70
10	16QAM	25	25	22.18	22.25	22.16	22.12	22.70
10	16QAM	50	0	22.10	22.10	22.14	22.02	22.70
10	64QAM	1	0	22.24	22.24	22.13	22.14	22.70
10	64QAM	1	25	22.18	22.15	22.16	22.15	22.70
10	64QAM	1	49	22.21	22.23	22.13	22.15	22.70
10	64QAM	25	0	22.18	22.14	22.20	22.20	22.70
10	64QAM	25	12	22.26	22.20	22.19	22.13	22.70
10	64QAM	25	25	22.21	22.32	22.21	22.15	22.70
10	64QAM	50	0	22.13	22.20	22.05	22.12	22.70
10	256QAM	1	0	19.08	19.04	19.11	19.06	21.00
10	256QAM	1	25	19.07	19.09	19.05	19.10	21.00
10	256QAM	1	49	19.01	19.07	19.07	19.03	21.00
10	256QAM	25	0	19.04	19.09	19.11	19.04	21.00
10	256QAM	25	12	19.06	19.04	19.01	19.08	21.00
10	256QAM	25	25	19.01	19.05	19.06	19.10	21.00
10	256QAM	50	0	19.13	19.13	19.01	19.15	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.40	22.31	22.23	22.34	22.70
5	QPSK	1	12	22.14	22.09	22.31	22.22	22.70
5	QPSK	1	24	22.30	22.35	22.15	22.15	22.70
5	QPSK	12	0	22.40	22.33	22.37	22.20	22.70
5	QPSK	12	7	22.13	22.14	22.25	22.14	22.70
5	QPSK	12	13	22.16	22.20	22.15	22.23	22.70
5	QPSK	25	0	22.20	22.29	22.12	22.23	22.70



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5	16QAM	1	0	22.22	22.17	22.10	22.21	22.70
5	16QAM	1	12	22.22	22.16	22.23	22.30	22.70
5	16QAM	1	24	22.22	22.24	22.28	22.22	22.70
5	16QAM	12	0	22.21	22.09	22.21	22.19	22.70
5	16QAM	12	7	22.22	22.24	22.20	22.28	22.70
5	16QAM	12	13	22.27	22.19	22.14	22.17	22.70
5	16QAM	25	0	22.10	22.20	22.11	22.12	22.70
5	64QAM	1	0	22.32	22.14	22.14	22.21	22.70
5	64QAM	1	12	22.21	22.24	22.14	22.24	22.70
5	64QAM	1	24	22.22	22.17	22.15	22.22	22.70
5	64QAM	12	0	22.10	22.14	22.22	22.15	22.70
5	64QAM	12	7	22.13	22.21	22.21	22.06	22.70
5	64QAM	12	13	22.17	22.20	22.13	22.14	22.70
5	64QAM	25	0	22.20	22.24	22.04	22.09	22.70
5	256QAM	1	0	19.05	19.09	19.09	19.05	21.00
5	256QAM	1	12	19.11	19.02	19.08	19.01	21.00
5	256QAM	1	24	19.06	19.07	19.05	19.09	21.00
5	256QAM	12	0	19.12	19.15	19.03	19.06	21.00
5	256QAM	12	7	19.12	19.05	19.14	19.08	21.00
5	256QAM	12	13	19.08	19.02	19.13	19.01	21.00
5	256QAM	25	0	19.12	19.01	19.11	19.08	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.18	23.41	23.09	23.15	24.00
20	QPSK	1	49	22.96	23.01	22.89	22.89	24.00
20	QPSK	1	99	22.86	23.02	22.80	22.88	24.00
20	QPSK	50	0	23.07	23.22	23.12	23.08	24.00
20	QPSK	50	24	23.04	23.04	22.92	22.92	24.00
20	QPSK	50	50	23.04	23.05	22.87	22.93	24.00
20	QPSK	100	0	23.00	23.21	22.98	22.97	24.00
20	16QAM	1	0	22.97	23.18	22.94	23.05	24.00
20	16QAM	1	49	22.91	23.04	22.85	22.88	24.00
20	16QAM	1	99	23.11	23.20	23.01	23.05	24.00
20	16QAM	50	0	22.78	22.92	22.74	22.69	24.00
20	16QAM	50	24	22.77	22.94	22.68	22.79	24.00
20	16QAM	50	50	22.65	22.86	22.63	22.67	24.00
20	16QAM	100	0	22.77	22.90	22.69	22.75	24.00
20	64QAM	1	0	22.78	22.89	22.68	22.76	24.00
20	64QAM	1	49	22.63	22.85	22.65	22.73	24.00
20	64QAM	1	99	22.65	22.84	22.54	22.64	24.00
20	64QAM	50	0	21.77	21.93	21.62	21.80	23.00
20	64QAM	50	24	21.78	21.92	21.71	21.70	23.00
20	64QAM	50	50	21.70	21.84	21.61	21.67	23.00
20	64QAM	100	0	21.78	21.96	21.71	21.78	23.00
20	256QAM	1	0	19.57	19.78	19.50	19.66	21.00
20	256QAM	1	49	19.58	19.80	19.63	19.66	21.00
20	256QAM	1	99	19.60	19.73	19.49	19.63	21.00
20	256QAM	50	0	19.82	19.91	19.70	19.73	21.00
20	256QAM	50	24	19.82	19.95	19.77	19.71	21.00
20	256QAM	50	50	19.66	19.86	19.58	19.73	21.00
20	256QAM	100	0	19.78	19.89	19.68	19.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.15	23.22	23.01	23.04	24.00
15	QPSK	1	37	22.81	23.05	22.77	22.75	24.00
15	QPSK	1	74	22.83	22.97	22.71	22.76	24.00
15	QPSK	36	0	22.96	23.18	22.82	22.99	24.00
15	QPSK	36	20	22.91	23.02	22.79	22.84	24.00
15	QPSK	36	39	23.02	23.01	22.75	22.87	24.00
15	QPSK	75	0	22.87	23.07	22.92	22.94	24.00
15	16QAM	1	0	22.88	23.16	22.81	23.00	24.00
15	16QAM	1	37	22.80	22.96	22.75	22.74	24.00
15	16QAM	1	74	23.06	23.14	22.89	22.91	24.00
15	16QAM	36	0	22.68	22.78	22.67	22.65	24.00
15	16QAM	36	20	22.66	22.84	22.57	22.70	24.00
15	16QAM	36	39	22.58	22.82	22.62	22.63	24.00
15	16QAM	75	0	22.67	22.88	22.66	22.60	24.00
15	64QAM	1	0	22.76	22.83	22.61	22.72	24.00
15	64QAM	1	37	22.53	22.76	22.57	22.69	24.00



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15	64QAM	1	74	22.59	22.78	22.52	22.55	24.00
15	64QAM	36	0	21.72	21.83	21.57	21.75	23.00
15	64QAM	36	20	21.68	21.77	21.58	21.66	23.00
15	64QAM	36	39	21.55	21.74	21.58	21.66	23.00
15	64QAM	75	0	21.64	21.93	21.67	21.76	23.00
15	256QAM	1	0	19.47	19.70	19.47	19.54	21.00
15	256QAM	1	37	19.53	19.71	19.56	19.54	21.00
15	256QAM	1	74	19.48	19.61	19.45	19.48	21.00
15	256QAM	36	0	19.81	19.77	19.64	19.64	21.00
15	256QAM	36	20	19.71	19.88	19.67	19.59	21.00
15	256QAM	36	39	19.52	19.80	19.44	19.67	21.00
15	256QAM	75	0	19.76	19.76	19.64	19.58	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.11	23.14	22.98	23.06	24.00
10	QPSK	1	25	22.91	22.98	22.86	22.79	24.00
10	QPSK	1	49	22.80	23.00	22.75	22.87	24.00
10	QPSK	25	0	22.97	23.09	22.77	23.00	24.00
10	QPSK	25	12	23.00	23.00	22.81	22.87	24.00
10	QPSK	25	25	22.95	23.02	22.80	22.79	24.00
10	QPSK	50	0	22.91	23.06	22.91	22.89	24.00
10	16QAM	1	0	22.88	23.06	22.83	23.01	24.00
10	16QAM	1	25	22.87	22.91	22.70	22.73	24.00
10	16QAM	1	49	23.06	23.07	22.93	23.01	24.00
10	16QAM	25	0	22.68	22.80	22.71	22.67	24.00
10	16QAM	25	12	22.64	22.90	22.58	22.68	24.00
10	16QAM	25	25	22.62	22.81	22.52	22.54	24.00
10	16QAM	50	0	22.63	22.78	22.61	22.69	24.00
10	64QAM	1	0	22.64	22.81	22.58	22.74	24.00
10	64QAM	1	25	22.60	22.74	22.56	22.72	24.00
10	64QAM	1	49	22.58	22.77	22.52	22.54	24.00
10	64QAM	25	0	21.64	21.91	21.54	21.71	23.00
10	64QAM	25	12	21.70	21.83	21.69	21.61	23.00
10	64QAM	25	25	21.64	21.75	21.58	21.52	23.00
10	64QAM	50	0	21.69	21.92	21.64	21.75	23.00
10	256QAM	1	0	19.54	19.71	19.43	19.64	21.00
10	256QAM	1	25	19.44	19.68	19.59	19.51	21.00
10	256QAM	1	49	19.57	19.58	19.47	19.59	21.00
10	256QAM	25	0	19.70	19.81	19.68	19.59	21.00
10	256QAM	25	12	19.69	19.87	19.75	19.64	21.00
10	256QAM	25	25	19.60	19.80	19.47	19.63	21.00
10	256QAM	50	0	19.68	19.87	19.65	19.58	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.05	23.22	23.05	23.13	24.00
5	QPSK	1	12	22.81	23.04	22.83	22.77	24.00
5	QPSK	1	24	22.82	23.01	22.66	22.84	24.00
5	QPSK	12	0	23.02	23.16	22.80	23.05	24.00
5	QPSK	12	7	22.92	23.04	22.79	22.87	24.00
5	QPSK	12	13	22.96	23.12	22.83	22.86	24.00
5	QPSK	25	0	22.86	23.12	22.92	22.95	24.00
5	16QAM	1	0	22.93	23.08	22.87	22.91	24.00
5	16QAM	1	12	22.80	22.94	22.78	22.82	24.00
5	16QAM	1	24	23.05	23.13	22.88	22.97	24.00
5	16QAM	12	0	22.71	22.82	22.64	22.61	24.00
5	16QAM	12	7	22.63	22.90	22.67	22.66	24.00
5	16QAM	12	13	22.54	22.83	22.58	22.57	24.00
5	16QAM	25	0	22.68	22.79	22.54	22.70	24.00
5	64QAM	1	0	22.67	22.85	22.59	22.69	24.00
5	64QAM	1	12	22.54	22.72	22.57	22.68	24.00
5	64QAM	1	24	22.55	22.76	22.46	22.52	24.00
5	64QAM	12	0	21.63	21.84	21.58	21.77	23.00
5	64QAM	12	7	21.69	21.82	21.66	21.55	23.00
5	64QAM	12	13	21.64	21.74	21.52	21.60	23.00
5	64QAM	25	0	21.71	21.89	21.63	21.64	23.00
5	256QAM	1	0	19.56	19.74	19.39	19.53	21.00
5	256QAM	1	12	19.56	19.77	19.62	19.64	21.00
5	256QAM	1	24	19.52	19.65	19.42	19.53	21.00
5	256QAM	12	0	19.79	19.81	19.61	19.67	21.00
5	256QAM	12	7	19.75	19.82	19.73	19.68	21.00
5	256QAM	12	13	19.60	19.71	19.51	19.70	21.00
5	256QAM	25	0	19.66	19.78	19.59	19.59	21.00



【LTE Band 48_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.18	23.41	23.09	23.15	24.00
20	QPSK	1	49	22.96	23.01	22.89	22.89	24.00
20	QPSK	1	99	22.86	23.02	22.80	22.88	24.00
20	QPSK	50	0	23.07	23.22	23.12	23.08	24.00
20	QPSK	50	24	23.04	23.04	22.92	22.92	24.00
20	QPSK	50	50	23.04	23.05	22.87	22.93	24.00
20	QPSK	100	0	23.00	23.21	22.98	22.97	24.00
20	16QAM	1	0	22.97	23.18	22.94	23.05	24.00
20	16QAM	1	49	22.91	23.04	22.85	22.88	24.00
20	16QAM	1	99	23.11	23.20	23.01	23.05	24.00
20	16QAM	50	0	22.78	22.92	22.74	22.69	24.00
20	16QAM	50	24	22.77	22.94	22.68	22.79	24.00
20	16QAM	50	50	22.65	22.86	22.63	22.67	24.00
20	16QAM	100	0	22.77	22.90	22.69	22.75	24.00
20	64QAM	1	0	22.78	22.89	22.68	22.76	24.00
20	64QAM	1	49	22.63	22.85	22.65	22.73	24.00
20	64QAM	1	99	22.65	22.84	22.54	22.64	24.00
20	64QAM	50	0	21.77	21.93	21.62	21.80	23.00
20	64QAM	50	24	21.78	21.92	21.71	21.70	23.00
20	64QAM	50	50	21.70	21.84	21.61	21.67	23.00
20	64QAM	100	0	21.78	21.96	21.71	21.78	23.00
20	256QAM	1	0	19.57	19.78	19.50	19.66	21.00
20	256QAM	1	49	19.58	19.80	19.63	19.66	21.00
20	256QAM	1	99	19.60	19.73	19.49	19.63	21.00
20	256QAM	50	0	19.82	19.91	19.70	19.73	21.00
20	256QAM	50	24	19.82	19.95	19.77	19.71	21.00
20	256QAM	50	50	19.66	19.86	19.58	19.73	21.00
20	256QAM	100	0	19.78	19.89	19.68	19.69	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.15	23.22	23.01	23.04	24.00
15	QPSK	1	37	22.81	23.05	22.77	22.75	24.00
15	QPSK	1	74	22.83	22.97	22.71	22.76	24.00
15	QPSK	36	0	22.96	23.18	22.82	22.99	24.00
15	QPSK	36	20	22.91	23.02	22.79	22.84	24.00
15	QPSK	36	39	23.02	23.01	22.75	22.87	24.00
15	QPSK	75	0	22.87	23.07	22.92	22.94	24.00
15	16QAM	1	0	22.88	23.16	22.81	23.00	24.00
15	16QAM	1	37	22.80	22.96	22.75	22.74	24.00
15	16QAM	1	74	23.06	23.14	22.89	22.91	24.00
15	16QAM	36	0	22.68	22.78	22.67	22.65	24.00
15	16QAM	36	20	22.66	22.84	22.57	22.70	24.00
15	16QAM	36	39	22.58	22.82	22.62	22.63	24.00
15	16QAM	75	0	22.67	22.88	22.66	22.60	24.00
15	64QAM	1	0	22.76	22.83	22.61	22.72	24.00
15	64QAM	1	37	22.53	22.76	22.57	22.69	24.00
15	64QAM	1	74	22.59	22.78	22.52	22.55	24.00
15	64QAM	36	0	21.72	21.83	21.57	21.75	23.00
15	64QAM	36	20	21.68	21.77	21.58	21.66	23.00
15	64QAM	36	39	21.55	21.74	21.58	21.66	23.00
15	64QAM	75	0	21.64	21.93	21.67	21.76	23.00
15	256QAM	1	0	19.47	19.70	19.47	19.54	21.00
15	256QAM	1	37	19.53	19.71	19.56	19.54	21.00
15	256QAM	1	74	19.48	19.61	19.45	19.48	21.00
15	256QAM	36	0	19.81	19.77	19.64	19.64	21.00
15	256QAM	36	20	19.71	19.88	19.67	19.59	21.00
15	256QAM	36	39	19.52	19.80	19.44	19.67	21.00
15	256QAM	75	0	19.76	19.76	19.64	19.58	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.11	23.14	22.98	23.06	24.00
10	QPSK	1	25	22.91	22.98	22.86	22.79	24.00
10	QPSK	1	49	22.80	23.00	22.75	22.87	24.00
10	QPSK	25	0	22.97	23.09	22.77	23.00	24.00
10	QPSK	25	12	23.00	23.00	22.81	22.87	24.00
10	QPSK	25	25	22.95	23.02	22.80	22.79	24.00
10	QPSK	50	0	22.91	23.06	22.91	22.89	24.00
10	16QAM	1	0	22.88	23.06	22.83	23.01	24.00
10	16QAM	1	25	22.87	22.91	22.70	22.73	24.00
10	16QAM	1	49	23.06	23.07	22.93	23.01	24.00



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10	16QAM	25	0	22.68	22.80	22.71	22.67	24.00
10	16QAM	25	12	22.64	22.90	22.58	22.68	24.00
10	16QAM	25	25	22.62	22.81	22.52	22.54	24.00
10	16QAM	50	0	22.63	22.78	22.61	22.69	24.00
10	64QAM	1	0	22.64	22.81	22.58	22.74	24.00
10	64QAM	1	25	22.60	22.74	22.56	22.72	24.00
10	64QAM	1	49	22.58	22.77	22.52	22.54	24.00
10	64QAM	25	0	21.64	21.91	21.54	21.71	23.00
10	64QAM	25	12	21.70	21.83	21.69	21.61	23.00
10	64QAM	25	25	21.64	21.75	21.58	21.52	23.00
10	64QAM	50	0	21.69	21.92	21.64	21.75	23.00
10	256QAM	1	0	19.54	19.71	19.43	19.64	21.00
10	256QAM	1	25	19.44	19.68	19.59	19.51	21.00
10	256QAM	1	49	19.57	19.58	19.47	19.59	21.00
10	256QAM	25	0	19.70	19.81	19.68	19.59	21.00
10	256QAM	25	12	19.69	19.87	19.75	19.64	21.00
10	256QAM	25	25	19.60	19.80	19.47	19.63	21.00
10	256QAM	50	0	19.68	19.87	19.65	19.58	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.05	23.22	23.05	23.13	24.00
5	QPSK	1	12	22.81	23.04	22.83	22.77	24.00
5	QPSK	1	24	22.82	23.01	22.66	22.84	24.00
5	QPSK	12	0	23.02	23.16	22.80	23.05	24.00
5	QPSK	12	7	22.92	23.04	22.79	22.87	24.00
5	QPSK	12	13	22.96	23.12	22.83	22.86	24.00
5	QPSK	25	0	22.86	23.12	22.92	22.95	24.00
5	16QAM	1	0	22.93	23.08	22.87	22.91	24.00
5	16QAM	1	12	22.80	22.94	22.78	22.82	24.00
5	16QAM	1	24	23.05	23.13	22.88	22.97	24.00
5	16QAM	12	0	22.71	22.82	22.64	22.61	24.00
5	16QAM	12	7	22.63	22.90	22.67	22.66	24.00
5	16QAM	12	13	22.54	22.83	22.58	22.57	24.00
5	16QAM	25	0	22.68	22.79	22.54	22.70	24.00
5	64QAM	1	0	22.67	22.85	22.59	22.69	24.00
5	64QAM	1	12	22.54	22.72	22.57	22.68	24.00
5	64QAM	1	24	22.55	22.76	22.46	22.52	24.00
5	64QAM	12	0	21.63	21.84	21.58	21.77	23.00
5	64QAM	12	7	21.69	21.82	21.66	21.55	23.00
5	64QAM	12	13	21.64	21.74	21.52	21.60	23.00
5	64QAM	25	0	21.71	21.89	21.63	21.64	23.00
5	256QAM	1	0	19.56	19.74	19.39	19.53	21.00
5	256QAM	1	12	19.56	19.77	19.62	19.64	21.00
5	256QAM	1	24	19.52	19.65	19.42	19.53	21.00
5	256QAM	12	0	19.79	19.81	19.61	19.67	21.00
5	256QAM	12	7	19.75	19.82	19.73	19.68	21.00
5	256QAM	12	13	19.60	19.71	19.51	19.70	21.00
5	256QAM	25	0	19.66	19.78	19.59	19.59	21.00

【LTE Band 48_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.75	23.79	23.45	23.62	24.00
20	QPSK	1	49	23.47	23.63	23.25	23.44	24.00
20	QPSK	1	99	23.41	23.53	23.13	23.34	24.00
20	QPSK	50	0	23.60	23.72	23.32	23.52	24.00
20	QPSK	50	24	23.47	23.63	23.28	23.36	24.00
20	QPSK	50	50	23.48	23.57	23.09	23.30	24.00
20	QPSK	100	0	23.48	23.60	23.20	23.39	24.00
20	16QAM	1	0	23.42	23.58	23.23	23.28	24.00
20	16QAM	1	49	23.54	23.63	23.17	23.36	24.00
20	16QAM	1	99	23.26	23.45	22.99	23.20	24.00
20	16QAM	50	0	23.33	23.42	22.94	23.11	24.00
20	16QAM	50	24	23.17	23.32	22.90	23.10	24.00
20	16QAM	50	50	23.08	23.21	22.73	23.03	24.00
20	16QAM	100	0	23.13	23.22	22.83	23.02	24.00
20	64QAM	1	0	23.28	23.39	22.92	23.17	24.00
20	64QAM	1	49	23.28	23.35	22.94	23.13	24.00
20	64QAM	1	99	23.15	23.21	22.78	23.00	24.00
20	64QAM	50	0	22.29	22.41	21.96	22.11	23.00
20	64QAM	50	24	22.28	22.33	21.93	22.09	23.00



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20	64QAM	50	50	22.11	22.27	21.88	22.01	23.00
20	64QAM	100	0	22.14	22.26	21.89	21.96	23.00
20	256QAM	1	0	20.28	20.40	20.09	20.17	21.00
20	256QAM	1	49	20.24	20.31	19.89	20.04	21.00
20	256QAM	1	99	19.82	19.99	19.64	19.79	21.00
20	256QAM	50	0	20.24	20.39	20.04	20.13	21.00
20	256QAM	50	24	20.21	20.32	19.88	20.04	21.00
20	256QAM	50	50	20.16	20.27	19.90	20.03	21.00
20	256QAM	100	0	20.17	20.25	19.88	19.99	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.63	23.66	23.30	23.49	24.00
15	QPSK	1	37	23.42	23.53	23.12	23.38	24.00
15	QPSK	1	74	23.36	23.52	23.02	23.20	24.00
15	QPSK	36	0	23.57	23.59	23.30	23.41	24.00
15	QPSK	36	20	23.33	23.52	23.17	23.25	24.00
15	QPSK	36	39	23.36	23.50	22.96	23.15	24.00
15	QPSK	75	0	23.38	23.58	23.10	23.33	24.00
15	16QAM	1	0	23.34	23.47	23.13	23.13	24.00
15	16QAM	1	37	23.51	23.54	23.10	23.31	24.00
15	16QAM	1	74	23.23	23.36	22.86	23.10	24.00
15	16QAM	36	0	23.29	23.33	22.88	22.97	24.00
15	16QAM	36	20	23.08	23.30	22.78	22.98	24.00
15	16QAM	36	39	23.03	23.13	22.68	22.93	24.00
15	16QAM	75	0	23.07	23.08	22.69	22.90	24.00
15	64QAM	1	0	23.21	23.34	22.83	23.09	24.00
15	64QAM	1	37	23.14	23.33	22.86	23.06	24.00
15	64QAM	1	74	23.13	23.10	22.74	22.91	24.00
15	64QAM	36	0	22.24	22.29	21.91	22.09	23.00
15	64QAM	36	20	22.25	22.30	21.80	22.03	23.00
15	64QAM	36	39	22.03	22.15	21.79	21.92	23.00
15	64QAM	75	0	22.05	22.17	21.78	21.84	23.00
15	256QAM	1	0	20.21	20.26	19.95	20.08	21.00
15	256QAM	1	37	20.18	20.28	19.82	19.92	21.00
15	256QAM	1	74	19.70	19.93	19.55	19.76	21.00
15	256QAM	36	0	20.20	20.38	20.00	20.01	21.00
15	256QAM	36	20	20.17	20.24	19.83	19.93	21.00
15	256QAM	36	39	20.01	20.19	19.82	19.89	21.00
15	256QAM	75	0	20.08	20.13	19.80	19.97	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.67	23.76	23.38	23.56	24.00
10	QPSK	1	25	23.36	23.51	23.22	23.34	24.00
10	QPSK	1	49	23.40	23.43	23.06	23.22	24.00
10	QPSK	25	0	23.50	23.66	23.28	23.41	24.00
10	QPSK	25	12	23.34	23.60	23.19	23.31	24.00
10	QPSK	25	25	23.40	23.43	22.98	23.23	24.00
10	QPSK	50	0	23.40	23.59	23.14	23.25	24.00
10	16QAM	1	0	23.38	23.49	23.14	23.19	24.00
10	16QAM	1	25	23.53	23.53	23.04	23.23	24.00
10	16QAM	1	49	23.24	23.35	22.86	23.13	24.00
10	16QAM	25	0	23.18	23.29	22.84	22.96	24.00
10	16QAM	25	12	23.07	23.23	22.88	23.00	24.00
10	16QAM	25	25	23.06	23.13	22.63	23.02	24.00
10	16QAM	50	0	23.06	23.20	22.74	22.87	24.00
10	64QAM	1	0	23.15	23.35	22.89	23.08	24.00
10	64QAM	1	25	23.19	23.32	22.86	23.10	24.00
10	64QAM	1	49	23.01	23.18	22.71	22.97	24.00
10	64QAM	25	0	22.18	22.34	21.85	22.09	23.00
10	64QAM	25	12	22.19	22.24	21.82	22.05	23.00
10	64QAM	25	25	22.04	22.25	21.85	21.99	23.00
10	64QAM	50	0	22.09	22.15	21.84	21.81	23.00
10	256QAM	1	0	20.26	20.38	20.00	20.14	21.00
10	256QAM	1	25	20.12	20.30	19.79	19.98	21.00
10	256QAM	1	49	19.77	19.93	19.52	19.72	21.00
10	256QAM	25	0	20.12	20.27	19.97	20.05	21.00
10	256QAM	25	12	20.11	20.17	19.77	19.94	21.00
10	256QAM	25	25	20.07	20.18	19.87	19.92	21.00
10	256QAM	50	0	20.09	20.12	19.77	19.96	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.62	23.75	23.31	23.50	24.00
5	QPSK	1	12	23.34	23.51	23.21	23.34	24.00
5	QPSK	1	24	23.29	23.41	23.06	23.25	24.00
5	QPSK	12	0	23.58	23.69	23.22	23.47	24.00
5	QPSK	12	7	23.38	23.53	23.23	23.26	24.00
5	QPSK	12	13	23.34	23.54	23.08	23.26	24.00
5	QPSK	25	0	23.46	23.51	23.12	23.28	24.00



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5	16QAM	1	0	23.39	23.55	23.14	23.20	24.00
5	16QAM	1	12	23.41	23.55	23.13	23.28	24.00
5	16QAM	1	24	23.17	23.30	22.92	23.12	24.00
5	16QAM	12	0	23.24	23.38	22.79	23.03	24.00
5	16QAM	12	7	23.07	23.26	22.82	23.00	24.00
5	16QAM	12	13	23.02	23.09	22.63	22.90	24.00
5	16QAM	25	0	23.04	23.11	22.71	22.93	24.00
5	64QAM	1	0	23.20	23.28	22.87	23.09	24.00
5	64QAM	1	12	23.17	23.21	22.91	23.09	24.00
5	64QAM	1	24	23.13	23.15	22.63	22.96	24.00
5	64QAM	12	0	22.23	22.29	21.85	22.03	23.00
5	64QAM	12	7	22.24	22.27	21.83	22.07	23.00
5	64QAM	12	13	22.04	22.13	21.81	21.95	23.00
5	64QAM	25	0	22.03	22.18	21.85	21.89	23.00
5	256QAM	1	0	20.16	20.26	20.00	20.16	21.00
5	256QAM	1	12	20.21	20.28	19.86	19.90	21.00
5	256QAM	1	24	19.75	19.96	19.54	19.69	21.00
5	256QAM	12	0	20.13	20.31	20.02	20.08	21.00
5	256QAM	12	7	20.19	20.19	19.84	19.99	21.00
5	256QAM	12	13	20.02	20.26	19.81	19.90	21.00
5	256QAM	25	0	20.08	20.14	19.85	19.85	21.00

【LTE Band 48_Ant 2_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.95	19.99	19.98	19.91	21.70
20	QPSK	1	49	19.87	19.89	19.81	19.85	21.70
20	QPSK	1	99	19.87	19.88	19.77	19.90	21.70
20	QPSK	50	0	19.91	19.95	19.91	19.93	21.70
20	QPSK	50	24	19.89	19.83	19.84	19.80	21.70
20	QPSK	50	50	19.83	19.79	19.76	19.77	21.70
20	QPSK	100	0	19.84	19.85	19.82	19.76	21.70
20	16QAM	1	0	19.82	19.80	19.84	19.76	21.70
20	16QAM	1	49	19.82	19.83	19.79	19.75	21.70
20	16QAM	1	99	19.86	19.81	19.82	19.77	21.70
20	16QAM	50	0	19.82	19.77	19.76	19.73	21.70
20	16QAM	50	24	19.85	19.79	19.82	19.78	21.70
20	16QAM	50	50	19.86	19.78	19.78	19.81	21.70
20	16QAM	100	0	19.87	19.78	19.75	19.85	21.70
20	64QAM	1	0	19.86	19.79	19.75	19.83	21.70
20	64QAM	1	49	19.88	19.83	19.80	19.82	21.70
20	64QAM	1	99	19.77	19.81	19.84	19.77	21.70
20	64QAM	50	0	19.86	19.88	19.84	19.81	21.70
20	64QAM	50	24	19.82	19.80	19.77	19.80	21.70
20	64QAM	50	50	19.85	19.86	19.85	19.81	21.70
20	64QAM	100	0	19.86	19.88	19.86	19.83	21.70
20	256QAM	1	0	19.21	19.20	19.28	19.24	21.00
20	256QAM	1	49	19.17	19.14	19.12	19.10	21.00
20	256QAM	1	99	19.10	19.07	19.15	19.15	21.00
20	256QAM	50	0	19.14	19.24	19.20	19.24	21.00
20	256QAM	50	24	19.15	19.14	19.15	19.07	21.00
20	256QAM	50	50	19.18	19.07	19.16	19.12	21.00
20	256QAM	100	0	19.09	19.14	19.10	19.14	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.88	19.81	19.77	19.82	21.70
15	QPSK	1	37	19.85	19.74	19.75	19.83	21.70
15	QPSK	1	74	19.78	19.85	19.75	19.81	21.70
15	QPSK	36	0	19.86	19.84	19.81	19.91	21.70
15	QPSK	36	20	19.75	19.77	19.81	19.76	21.70
15	QPSK	36	39	19.75	19.71	19.75	19.71	21.70
15	QPSK	75	0	19.79	19.83	19.72	19.71	21.70
15	16QAM	1	0	19.71	19.74	19.76	19.79	21.70
15	16QAM	1	37	19.81	19.78	19.71	19.78	21.70
15	16QAM	1	74	19.76	19.78	19.81	19.78	21.70
15	16QAM	36	0	19.84	19.85	19.76	19.72	21.70
15	16QAM	36	20	19.73	19.76	19.79	19.76	21.70
15	16QAM	36	39	19.85	19.73	19.77	19.75	21.70
15	16QAM	75	0	19.82	19.76	19.79	19.71	21.70
15	64QAM	1	0	19.71	19.75	19.77	19.73	21.70
15	64QAM	1	37	19.73	19.79	19.71	19.77	21.70



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15	64QAM	1	74	19.71	19.78	19.76	19.82	21.70
15	64QAM	36	0	19.74	19.80	19.75	19.77	21.70
15	64QAM	36	20	19.74	19.85	19.74	19.79	21.70
15	64QAM	36	39	19.73	19.85	19.81	19.81	21.70
15	64QAM	75	0	19.72	19.80	19.75	19.79	21.70
15	256QAM	1	0	19.02	19.04	19.01	19.07	21.00
15	256QAM	1	37	19.02	19.01	19.01	19.04	21.00
15	256QAM	1	74	19.01	19.11	19.07	19.08	21.00
15	256QAM	36	0	19.06	19.06	19.10	19.07	21.00
15	256QAM	36	20	19.06	19.14	19.06	19.08	21.00
15	256QAM	36	39	19.02	19.09	19.03	19.05	21.00
15	256QAM	75	0	19.13	19.00	19.04	19.09	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.93	19.91	19.87	19.77	21.70
10	QPSK	1	25	19.86	19.76	19.83	19.79	21.70
10	QPSK	1	49	19.85	19.77	19.83	19.80	21.70
10	QPSK	25	0	19.78	19.89	19.83	19.82	21.70
10	QPSK	25	12	19.77	19.81	19.72	19.80	21.70
10	QPSK	25	25	19.77	19.77	19.77	19.72	21.70
10	QPSK	50	0	19.78	19.70	19.71	19.75	21.70
10	16QAM	1	0	19.76	19.78	19.73	19.71	21.70
10	16QAM	1	25	19.82	19.77	19.80	19.71	21.70
10	16QAM	1	49	19.72	19.74	19.70	19.75	21.70
10	16QAM	25	0	19.78	19.78	19.73	19.71	21.70
10	16QAM	25	12	19.72	19.75	19.82	19.83	21.70
10	16QAM	25	25	19.72	19.84	19.78	19.75	21.70
10	16QAM	50	0	19.75	19.76	19.77	19.71	21.70
10	64QAM	1	0	19.72	19.80	19.84	19.76	21.70
10	64QAM	1	25	19.72	19.79	19.81	19.83	21.70
10	64QAM	1	49	19.79	19.78	19.77	19.73	21.70
10	64QAM	25	0	19.85	19.80	19.82	19.78	21.70
10	64QAM	25	12	19.74	19.77	19.80	19.78	21.70
10	64QAM	25	25	19.84	19.81	19.77	19.82	21.70
10	64QAM	50	0	19.83	19.83	19.77	19.76	21.70
10	256QAM	1	0	19.03	19.03	19.07	19.05	21.00
10	256QAM	1	25	19.15	19.05	19.06	19.03	21.00
10	256QAM	1	49	19.04	19.13	19.06	19.11	21.00
10	256QAM	25	0	19.01	19.13	19.02	19.06	21.00
10	256QAM	25	12	19.02	19.07	19.10	19.10	21.00
10	256QAM	25	25	19.08	19.15	19.12	19.03	21.00
10	256QAM	50	0	19.04	19.05	19.09	19.03	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.89	19.85	19.77	19.86	21.70
5	QPSK	1	12	19.86	19.84	19.83	19.81	21.70
5	QPSK	1	24	19.86	19.83	19.77	19.77	21.70
5	QPSK	12	0	19.88	19.89	19.89	19.82	21.70
5	QPSK	12	7	19.72	19.76	19.72	19.83	21.70
5	QPSK	12	13	19.72	19.72	19.72	19.74	21.70
5	QPSK	25	0	19.82	19.81	19.74	19.72	21.70
5	16QAM	1	0	19.78	19.78	19.81	19.77	21.70
5	16QAM	1	12	19.79	19.72	19.77	19.73	21.70
5	16QAM	1	24	19.82	19.71	19.75	19.74	21.70
5	16QAM	12	0	19.72	19.82	19.76	19.74	21.70
5	16QAM	12	7	19.71	19.73	19.77	19.72	21.70
5	16QAM	12	13	19.74	19.71	19.75	19.73	21.70
5	16QAM	25	0	19.75	19.74	19.73	19.75	21.70
5	64QAM	1	0	19.77	19.74	19.75	19.81	21.70
5	64QAM	1	12	19.73	19.72	19.80	19.85	21.70
5	64QAM	1	24	19.78	19.74	19.70	19.75	21.70
5	64QAM	12	0	19.75	19.78	19.84	19.82	21.70
5	64QAM	12	7	19.81	19.72	19.71	19.77	21.70
5	64QAM	12	13	19.72	19.84	19.78	19.83	21.70
5	64QAM	25	0	19.81	19.85	19.73	19.84	21.70
5	256QAM	1	0	19.10	19.10	19.00	19.08	21.00
5	256QAM	1	12	19.06	19.12	19.14	19.12	21.00
5	256QAM	1	24	19.03	19.13	19.10	19.04	21.00
5	256QAM	12	0	19.01	19.14	19.07	19.14	21.00
5	256QAM	12	7	19.01	19.13	19.09	19.05	21.00
5	256QAM	12	13	19.15	19.02	19.08	19.10	21.00
5	256QAM	25	0	19.04	19.02	19.01	19.00	21.00

**[LTE Band 48_Ant 2_DSI 2]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.75	23.79	23.45	23.62	24.00
20	QPSK	1	49	23.47	23.63	23.25	23.44	24.00
20	QPSK	1	99	23.41	23.53	23.13	23.34	24.00
20	QPSK	50	0	23.60	23.72	23.32	23.52	24.00
20	QPSK	50	24	23.47	23.63	23.28	23.36	24.00
20	QPSK	50	50	23.48	23.57	23.09	23.30	24.00
20	QPSK	100	0	23.48	23.60	23.20	23.39	24.00
20	16QAM	1	0	23.42	23.58	23.23	23.28	24.00
20	16QAM	1	49	23.54	23.63	23.17	23.36	24.00
20	16QAM	1	99	23.26	23.45	22.99	23.20	24.00
20	16QAM	50	0	23.33	23.42	22.94	23.11	24.00
20	16QAM	50	24	23.17	23.32	22.90	23.10	24.00
20	16QAM	50	50	23.08	23.21	22.73	23.03	24.00
20	16QAM	100	0	23.13	23.22	22.83	23.02	24.00
20	64QAM	1	0	23.28	23.39	22.92	23.17	24.00
20	64QAM	1	49	23.28	23.35	22.94	23.13	24.00
20	64QAM	1	99	23.15	23.21	22.78	23.00	24.00
20	64QAM	50	0	22.29	22.41	21.96	22.11	23.00
20	64QAM	50	24	22.28	22.33	21.93	22.09	23.00
20	64QAM	50	50	22.11	22.27	21.88	22.01	23.00
20	64QAM	100	0	22.14	22.26	21.89	21.96	23.00
20	256QAM	1	0	20.28	20.40	20.09	20.17	21.00
20	256QAM	1	49	20.24	20.31	19.89	20.04	21.00
20	256QAM	1	99	19.82	19.99	19.64	19.79	21.00
20	256QAM	50	0	20.24	20.39	20.04	20.13	21.00
20	256QAM	50	24	20.21	20.32	19.88	20.04	21.00
20	256QAM	50	50	20.16	20.27	19.90	20.03	21.00
20	256QAM	100	0	20.17	20.25	19.88	19.99	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.63	23.66	23.30	23.49	24.00
15	QPSK	1	37	23.42	23.53	23.12	23.38	24.00
15	QPSK	1	74	23.36	23.52	23.02	23.20	24.00
15	QPSK	36	0	23.57	23.59	23.30	23.41	24.00
15	QPSK	36	20	23.33	23.52	23.17	23.25	24.00
15	QPSK	36	39	23.36	23.50	22.96	23.15	24.00
15	QPSK	75	0	23.38	23.58	23.10	23.33	24.00
15	16QAM	1	0	23.34	23.47	23.13	23.13	24.00
15	16QAM	1	37	23.51	23.54	23.10	23.31	24.00
15	16QAM	1	74	23.23	23.36	22.86	23.10	24.00
15	16QAM	36	0	23.29	23.33	22.88	22.97	24.00
15	16QAM	36	20	23.08	23.30	22.78	22.98	24.00
15	16QAM	36	39	23.03	23.13	22.68	22.93	24.00
15	16QAM	75	0	23.07	23.08	22.69	22.90	24.00
15	64QAM	1	0	23.21	23.34	22.83	23.09	24.00
15	64QAM	1	37	23.14	23.33	22.86	23.06	24.00
15	64QAM	1	74	23.13	23.10	22.74	22.91	24.00
15	64QAM	36	0	22.24	22.29	21.91	22.09	23.00
15	64QAM	36	20	22.25	22.30	21.80	22.03	23.00
15	64QAM	36	39	22.03	22.15	21.79	21.92	23.00
15	64QAM	75	0	22.05	22.17	21.78	21.84	23.00
15	256QAM	1	0	20.21	20.26	19.95	20.08	21.00
15	256QAM	1	37	20.18	20.28	19.82	19.92	21.00
15	256QAM	1	74	19.70	19.93	19.55	19.76	21.00
15	256QAM	36	0	20.20	20.38	20.00	20.01	21.00
15	256QAM	36	20	20.17	20.24	19.83	19.93	21.00
15	256QAM	36	39	20.01	20.19	19.82	19.89	21.00
15	256QAM	75	0	20.08	20.13	19.80	19.97	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.67	23.76	23.38	23.56	24.00
10	QPSK	1	25	23.36	23.51	23.22	23.34	24.00
10	QPSK	1	49	23.40	23.43	23.06	23.22	24.00
10	QPSK	25	0	23.50	23.66	23.28	23.41	24.00
10	QPSK	25	12	23.34	23.60	23.19	23.31	24.00
10	QPSK	25	25	23.40	23.43	22.98	23.23	24.00
10	QPSK	50	0	23.40	23.59	23.14	23.25	24.00
10	16QAM	1	0	23.38	23.49	23.14	23.19	24.00
10	16QAM	1	25	23.53	23.53	23.04	23.23	24.00
10	16QAM	1	49	23.24	23.35	22.86	23.13	24.00



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10	16QAM	25	0	23.18	23.29	22.84	22.96	24.00
10	16QAM	25	12	23.07	23.23	22.88	23.00	24.00
10	16QAM	25	25	23.06	23.13	22.63	23.02	24.00
10	16QAM	50	0	23.06	23.20	22.74	22.87	24.00
10	64QAM	1	0	23.15	23.35	22.89	23.08	24.00
10	64QAM	1	25	23.19	23.32	22.86	23.10	24.00
10	64QAM	1	49	23.01	23.18	22.71	22.97	24.00
10	64QAM	25	0	22.18	22.34	21.85	22.09	23.00
10	64QAM	25	12	22.19	22.24	21.82	22.05	23.00
10	64QAM	25	25	22.04	22.25	21.85	21.99	23.00
10	64QAM	50	0	22.09	22.15	21.84	21.81	23.00
10	256QAM	1	0	20.26	20.38	20.00	20.14	21.00
10	256QAM	1	25	20.12	20.30	19.79	19.98	21.00
10	256QAM	1	49	19.77	19.93	19.52	19.72	21.00
10	256QAM	25	0	20.12	20.27	19.97	20.05	21.00
10	256QAM	25	12	20.11	20.17	19.77	19.94	21.00
10	256QAM	25	25	20.07	20.18	19.87	19.92	21.00
10	256QAM	50	0	20.09	20.12	19.77	19.96	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.62	23.75	23.31	23.50	24.00
5	QPSK	1	12	23.34	23.51	23.21	23.34	24.00
5	QPSK	1	24	23.29	23.41	23.06	23.25	24.00
5	QPSK	12	0	23.58	23.69	23.22	23.47	24.00
5	QPSK	12	7	23.38	23.53	23.23	23.26	24.00
5	QPSK	12	13	23.34	23.54	23.08	23.26	24.00
5	QPSK	25	0	23.46	23.51	23.12	23.28	24.00
5	16QAM	1	0	23.39	23.55	23.14	23.20	24.00
5	16QAM	1	12	23.41	23.55	23.13	23.28	24.00
5	16QAM	1	24	23.17	23.30	22.92	23.12	24.00
5	16QAM	12	0	23.24	23.38	22.79	23.03	24.00
5	16QAM	12	7	23.07	23.26	22.82	23.00	24.00
5	16QAM	12	13	23.02	23.09	22.63	22.90	24.00
5	16QAM	25	0	23.04	23.11	22.71	22.93	24.00
5	64QAM	1	0	23.20	23.28	22.87	23.09	24.00
5	64QAM	1	12	23.17	23.21	22.91	23.09	24.00
5	64QAM	1	24	23.13	23.15	22.63	22.96	24.00
5	64QAM	12	0	22.23	22.29	21.85	22.03	23.00
5	64QAM	12	7	22.24	22.27	21.83	22.07	23.00
5	64QAM	12	13	22.04	22.13	21.81	21.95	23.00
5	64QAM	25	0	22.03	22.18	21.85	21.89	23.00
5	256QAM	1	0	20.16	20.26	20.00	20.16	21.00
5	256QAM	1	12	20.21	20.28	19.86	19.90	21.00
5	256QAM	1	24	19.75	19.96	19.54	19.69	21.00
5	256QAM	12	0	20.13	20.31	20.02	20.08	21.00
5	256QAM	12	7	20.19	20.19	19.84	19.99	21.00
5	256QAM	12	13	20.02	20.26	19.81	19.90	21.00
5	256QAM	25	0	20.08	20.14	19.85	19.85	21.00

【LTE Band 48_Ant 2_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	21.46	21.71	21.44	21.69	22.90
20	QPSK	1	49	21.35	21.37	21.28	21.28	22.90
20	QPSK	1	99	21.28	21.27	21.38	21.38	22.90
20	QPSK	50	0	21.39	21.45	21.41	21.40	22.90
20	QPSK	50	24	21.31	21.38	21.29	21.35	22.90
20	QPSK	50	50	21.37	21.32	21.33	21.35	22.90
20	QPSK	100	0	21.39	21.40	21.35	21.33	22.90
20	16QAM	1	0	21.29	21.29	21.32	21.25	22.90
20	16QAM	1	49	21.32	21.32	21.27	21.29	22.90
20	16QAM	1	99	21.33	21.31	21.34	21.23	22.90
20	16QAM	50	0	21.35	21.36	21.30	21.29	22.90
20	16QAM	50	24	21.34	21.38	21.32	21.30	22.90
20	16QAM	50	50	21.38	21.28	21.31	21.34	22.90
20	16QAM	100	0	21.31	21.36	21.26	21.24	22.90
20	64QAM	1	0	21.32	21.34	21.35	21.31	22.90
20	64QAM	1	49	21.28	21.32	21.35	21.26	22.90
20	64QAM	1	99	21.31	21.33	21.34	21.25	22.90
20	64QAM	50	0	21.37	21.29	21.35	21.31	22.90
20	64QAM	50	24	21.28	21.28	21.29	21.23	22.90



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20	64QAM	50	50	21.30	21.35	21.32	21.33	22.90
20	64QAM	100	0	21.30	21.33	21.25	21.29	22.90
20	256QAM	1	0	20.75	20.72	20.73	20.67	21.00
20	256QAM	1	49	20.65	20.59	20.61	20.61	21.00
20	256QAM	1	99	20.56	20.65	20.64	20.71	21.00
20	256QAM	50	0	20.67	20.75	20.65	20.68	21.00
20	256QAM	50	24	20.60	20.60	20.63	20.56	21.00
20	256QAM	50	50	20.59	20.65	20.66	20.59	21.00
20	256QAM	100	0	20.65	20.64	20.60	20.57	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	21.44	21.45	21.41	21.29	22.90
15	QPSK	1	37	21.32	21.36	21.17	21.17	22.90
15	QPSK	1	74	21.14	21.14	21.33	21.35	22.90
15	QPSK	36	0	21.32	21.40	21.26	21.25	22.90
15	QPSK	36	20	21.25	21.36	21.15	21.29	22.90
15	QPSK	36	39	21.30	21.22	21.29	21.27	22.90
15	QPSK	75	0	21.34	21.22	21.21	21.27	22.90
15	16QAM	1	0	21.20	21.27	21.28	21.23	22.90
15	16QAM	1	37	21.20	21.30	21.24	21.20	22.90
15	16QAM	1	74	21.19	21.21	21.28	21.20	22.90
15	16QAM	36	0	21.30	21.22	21.18	21.25	22.90
15	16QAM	36	20	21.22	21.27	21.28	21.27	22.90
15	16QAM	36	39	21.36	21.21	21.28	21.25	22.90
15	16QAM	75	0	21.24	21.24	21.14	21.14	22.90
15	64QAM	1	0	21.21	21.25	21.30	21.22	22.90
15	64QAM	1	37	21.14	21.27	21.26	21.11	22.90
15	64QAM	1	74	21.21	21.27	21.24	21.13	22.90
15	64QAM	36	0	21.22	21.25	21.27	21.20	22.90
15	64QAM	36	20	21.24	21.23	21.21	21.09	22.90
15	64QAM	36	39	21.26	21.29	21.27	21.23	22.90
15	64QAM	75	0	21.28	21.22	21.13	21.19	22.90
15	256QAM	1	0	19.01	19.02	19.03	19.05	21.00
15	256QAM	1	37	19.12	19.07	19.03	19.11	21.00
15	256QAM	1	74	19.15	19.13	19.06	19.05	21.00
15	256QAM	36	0	19.13	19.13	19.15	19.02	21.00
15	256QAM	36	20	19.00	19.12	19.08	19.05	21.00
15	256QAM	36	39	19.08	19.01	19.12	19.09	21.00
15	256QAM	75	0	19.04	19.12	19.03	19.12	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	21.38	21.36	21.35	21.37	22.90
10	QPSK	1	25	21.23	21.29	21.21	21.27	22.90
10	QPSK	1	49	21.23	21.15	21.24	21.25	22.90
10	QPSK	25	0	21.33	21.38	21.35	21.31	22.90
10	QPSK	25	12	21.22	21.37	21.17	21.20	22.90
10	QPSK	25	25	21.34	21.19	21.22	21.30	22.90
10	QPSK	50	0	21.33	21.22	21.29	21.26	22.90
10	16QAM	1	0	21.25	21.20	21.27	21.15	22.90
10	16QAM	1	25	21.31	21.25	21.18	21.15	22.90
10	16QAM	1	49	21.22	21.19	21.24	21.17	22.90
10	16QAM	25	0	21.34	21.25	21.25	21.22	22.90
10	16QAM	25	12	21.19	21.24	21.24	21.19	22.90
10	16QAM	25	25	21.24	21.24	21.18	21.26	22.90
10	16QAM	50	0	21.28	21.22	21.21	21.23	22.90
10	64QAM	1	0	21.21	21.27	21.24	21.18	22.90
10	64QAM	1	25	21.20	21.22	21.25	21.15	22.90
10	64QAM	1	49	21.17	21.25	21.23	21.18	22.90
10	64QAM	25	0	21.24	21.16	21.31	21.19	22.90
10	64QAM	25	12	21.18	21.19	21.27	21.19	22.90
10	64QAM	25	25	21.18	21.22	21.22	21.30	22.90
10	64QAM	50	0	21.27	21.23	21.23	21.25	22.90
10	256QAM	1	0	19.14	19.07	19.01	19.11	21.00
10	256QAM	1	25	19.02	19.03	19.00	19.06	21.00
10	256QAM	1	49	19.09	19.08	19.06	19.01	21.00
10	256QAM	25	0	19.05	19.07	19.05	19.12	21.00
10	256QAM	25	12	19.12	19.00	19.02	19.06	21.00
10	256QAM	25	25	19.11	19.01	19.11	19.14	21.00
10	256QAM	50	0	19.07	19.15	19.07	19.07	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	21.33	21.34	21.40	21.36	22.90
5	QPSK	1	12	21.26	21.33	21.13	21.20	22.90
5	QPSK	1	24	21.15	21.15	21.25	21.27	22.90
5	QPSK	12	0	21.33	21.33	21.31	21.27	22.90
5	QPSK	12	7	21.18	21.28	21.24	21.21	22.90
5	QPSK	12	13	21.34	21.24	21.20	21.27	22.90
5	QPSK	25	0	21.33	21.16	21.23	21.27	22.90



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5	16QAM	1	0	21.21	21.16	21.21	21.17	22.90
5	16QAM	1	12	21.28	21.25	21.22	21.19	22.90
5	16QAM	1	24	21.21	21.25	21.22	21.16	22.90
5	16QAM	12	0	21.30	21.32	21.20	21.26	22.90
5	16QAM	12	7	21.32	21.33	21.20	21.26	22.90
5	16QAM	12	13	21.29	21.21	21.26	21.20	22.90
5	16QAM	25	0	21.19	21.28	21.15	21.21	22.90
5	64QAM	1	0	21.21	21.27	21.21	21.28	22.90
5	64QAM	1	12	21.14	21.27	21.30	21.14	22.90
5	64QAM	1	24	21.24	21.29	21.23	21.18	22.90
5	64QAM	12	0	21.26	21.14	21.29	21.19	22.90
5	64QAM	12	7	21.19	21.21	21.17	21.20	22.90
5	64QAM	12	13	21.27	21.24	21.27	21.24	22.90
5	64QAM	25	0	21.24	21.23	21.12	21.24	22.90
5	256QAM	1	0	19.05	19.15	19.04	19.15	21.00
5	256QAM	1	12	19.02	19.13	19.15	19.07	21.00
5	256QAM	1	24	19.08	19.12	19.13	19.05	21.00
5	256QAM	12	0	19.05	19.11	19.04	19.05	21.00
5	256QAM	12	7	19.02	19.08	19.05	19.03	21.00
5	256QAM	12	13	19.07	19.04	19.10	19.01	21.00
5	256QAM	25	0	19.02	19.01	19.08	19.02	21.00

【LTE Band 48_Ant 2_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.95	20.15	19.91	20.11	21.60
20	QPSK	1	49	19.87	19.89	19.81	19.85	21.60
20	QPSK	1	99	19.87	19.88	19.77	19.90	21.60
20	QPSK	50	0	19.91	19.95	19.91	19.93	21.60
20	QPSK	50	24	19.89	19.83	19.84	19.80	21.60
20	QPSK	50	50	19.83	19.79	19.76	19.77	21.60
20	QPSK	100	0	19.84	19.85	19.82	19.76	21.60
20	16QAM	1	0	19.82	19.80	19.84	19.76	21.60
20	16QAM	1	49	19.82	19.83	19.79	19.75	21.60
20	16QAM	1	99	19.86	19.81	19.82	19.77	21.60
20	16QAM	50	0	19.82	19.77	19.76	19.73	21.60
20	16QAM	50	24	19.85	19.79	19.82	19.78	21.60
20	16QAM	50	50	19.86	19.78	19.78	19.81	21.60
20	16QAM	100	0	19.87	19.78	19.75	19.85	21.60
20	64QAM	1	0	19.86	19.79	19.75	19.83	21.60
20	64QAM	1	49	19.88	19.83	19.80	19.82	21.60
20	64QAM	1	99	19.77	19.81	19.84	19.77	21.60
20	64QAM	50	0	19.86	19.88	19.84	19.81	21.60
20	64QAM	50	24	19.82	19.80	19.77	19.80	21.60
20	64QAM	50	50	19.85	19.86	19.85	19.81	21.60
20	64QAM	100	0	19.86	19.88	19.86	19.83	21.60
20	256QAM	1	0	19.21	19.20	19.28	19.24	20.20
20	256QAM	1	49	19.17	19.14	19.12	19.10	20.20
20	256QAM	1	99	19.10	19.07	19.15	19.15	20.20
20	256QAM	50	0	19.14	19.24	19.20	19.24	20.20
20	256QAM	50	24	19.15	19.14	19.15	19.07	20.20
20	256QAM	50	50	19.18	19.07	19.16	19.12	20.20
20	256QAM	100	0	19.09	19.14	19.10	19.14	20.20
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.88	19.81	19.77	19.82	21.60
15	QPSK	1	37	19.85	19.74	19.75	19.83	21.60
15	QPSK	1	74	19.78	19.85	19.75	19.81	21.60
15	QPSK	36	0	19.86	19.84	19.81	19.91	21.60
15	QPSK	36	20	19.75	19.77	19.81	19.76	21.60
15	QPSK	36	39	19.75	19.71	19.75	19.71	21.60
15	QPSK	75	0	19.79	19.83	19.72	19.71	21.60
15	16QAM	1	0	19.71	19.74	19.76	19.79	21.60
15	16QAM	1	37	19.81	19.78	19.71	19.78	21.60
15	16QAM	1	74	19.76	19.78	19.81	19.78	21.60
15	16QAM	36	0	19.84	19.85	19.76	19.72	21.60
15	16QAM	36	20	19.73	19.76	19.79	19.76	21.60
15	16QAM	36	39	19.85	19.73	19.77	19.75	21.60
15	16QAM	75	0	19.82	19.76	19.79	19.71	21.60
15	64QAM	1	0	19.71	19.75	19.77	19.73	21.60
15	64QAM	1	37	19.73	19.79	19.71	19.77	21.60



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15	64QAM	1	74	19.71	19.78	19.76	19.82	21.60
15	64QAM	36	0	19.74	19.80	19.75	19.77	21.60
15	64QAM	36	20	19.74	19.85	19.74	19.79	21.60
15	64QAM	36	39	19.73	19.85	19.81	19.81	21.60
15	64QAM	75	0	19.72	19.80	19.75	19.79	21.60
15	256QAM	1	0	19.02	19.04	19.01	19.07	20.20
15	256QAM	1	37	19.02	19.01	19.01	19.04	20.20
15	256QAM	1	74	19.01	19.11	19.07	19.08	20.20
15	256QAM	36	0	19.06	19.06	19.10	19.07	20.20
15	256QAM	36	20	19.06	19.14	19.06	19.08	20.20
15	256QAM	36	39	19.02	19.09	19.03	19.05	20.20
15	256QAM	75	0	19.13	19.00	19.04	19.09	20.20
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.93	19.91	19.87	19.77	21.60
10	QPSK	1	25	19.86	19.76	19.83	19.79	21.60
10	QPSK	1	49	19.85	19.77	19.83	19.80	21.60
10	QPSK	25	0	19.78	19.89	19.83	19.82	21.60
10	QPSK	25	12	19.77	19.81	19.72	19.80	21.60
10	QPSK	25	25	19.77	19.77	19.77	19.72	21.60
10	QPSK	50	0	19.78	19.70	19.71	19.75	21.60
10	16QAM	1	0	19.76	19.78	19.73	19.71	21.60
10	16QAM	1	25	19.82	19.77	19.80	19.71	21.60
10	16QAM	1	49	19.72	19.74	19.70	19.75	21.60
10	16QAM	25	0	19.78	19.78	19.73	19.71	21.60
10	16QAM	25	12	19.72	19.75	19.82	19.83	21.60
10	16QAM	25	25	19.72	19.84	19.78	19.75	21.60
10	16QAM	50	0	19.75	19.76	19.77	19.71	21.60
10	64QAM	1	0	19.72	19.80	19.84	19.76	21.60
10	64QAM	1	25	19.72	19.79	19.81	19.83	21.60
10	64QAM	1	49	19.79	19.78	19.77	19.73	21.60
10	64QAM	25	0	19.85	19.80	19.82	19.78	21.60
10	64QAM	25	12	19.74	19.77	19.80	19.78	21.60
10	64QAM	25	25	19.84	19.81	19.77	19.82	21.60
10	64QAM	50	0	19.83	19.83	19.77	19.76	21.60
10	256QAM	1	0	19.03	19.03	19.07	19.05	20.20
10	256QAM	1	25	19.15	19.05	19.06	19.03	20.20
10	256QAM	1	49	19.04	19.13	19.06	19.11	20.20
10	256QAM	25	0	19.01	19.13	19.02	19.06	20.20
10	256QAM	25	12	19.02	19.07	19.10	19.10	20.20
10	256QAM	25	25	19.08	19.15	19.12	19.03	20.20
10	256QAM	50	0	19.04	19.05	19.09	19.03	20.20
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.89	19.85	19.77	19.86	21.60
5	QPSK	1	12	19.86	19.84	19.83	19.81	21.60
5	QPSK	1	24	19.86	19.83	19.77	19.77	21.60
5	QPSK	12	0	19.88	19.89	19.89	19.82	21.60
5	QPSK	12	7	19.72	19.76	19.72	19.83	21.60
5	QPSK	12	13	19.72	19.72	19.72	19.74	21.60
5	QPSK	25	0	19.82	19.81	19.74	19.72	21.60
5	16QAM	1	0	19.78	19.78	19.81	19.77	21.60
5	16QAM	1	12	19.79	19.72	19.77	19.73	21.60
5	16QAM	1	24	19.82	19.71	19.75	19.74	21.60
5	16QAM	12	0	19.72	19.82	19.76	19.74	21.60
5	16QAM	12	7	19.71	19.73	19.77	19.72	21.60
5	16QAM	12	13	19.74	19.71	19.75	19.73	21.60
5	16QAM	25	0	19.75	19.74	19.73	19.75	21.60
5	64QAM	1	0	19.77	19.74	19.75	19.81	21.60
5	64QAM	1	12	19.73	19.72	19.80	19.85	21.60
5	64QAM	1	24	19.78	19.74	19.70	19.75	21.60
5	64QAM	12	0	19.75	19.78	19.84	19.82	21.60
5	64QAM	12	7	19.81	19.72	19.71	19.77	21.60
5	64QAM	12	13	19.72	19.84	19.78	19.83	21.60
5	64QAM	25	0	19.81	19.85	19.73	19.84	21.60
5	256QAM	1	0	19.10	19.10	19.00	19.08	20.20
5	256QAM	1	12	19.06	19.12	19.14	19.12	20.20
5	256QAM	1	24	19.03	19.13	19.10	19.04	20.20
5	256QAM	12	0	19.01	19.14	19.07	19.14	20.20
5	256QAM	12	7	19.01	19.13	19.09	19.05	20.20
5	256QAM	12	13	19.15	19.02	19.08	19.10	20.20
5	256QAM	25	0	19.04	19.02	19.01	19.00	20.20

**[LTE Band 48_Ant 2_DSI 6]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.48	22.49	22.33	22.35	23.70
20	QPSK	1	49	22.21	22.31	21.99	22.13	23.70
20	QPSK	1	99	22.16	22.29	21.85	22.08	23.70
20	QPSK	50	0	22.31	22.45	22.29	22.31	23.70
20	QPSK	50	24	22.15	22.28	22.03	22.00	23.70
20	QPSK	50	50	22.22	22.25	21.79	21.96	23.70
20	QPSK	100	0	22.19	22.26	21.86	22.11	23.70
20	16QAM	1	0	22.14	22.34	21.97	21.93	23.70
20	16QAM	1	49	22.24	22.35	21.82	22.07	23.70
20	16QAM	1	99	21.94	22.18	22.11	21.92	23.70
20	16QAM	50	0	21.99	22.09	22.00	21.82	23.70
20	16QAM	50	24	21.91	21.99	22.00	21.82	23.70
20	16QAM	50	50	21.81	21.92	22.05	21.71	23.70
20	16QAM	100	0	21.87	21.96	22.03	21.74	23.70
20	64QAM	1	0	22.02	22.06	22.01	21.84	23.70
20	64QAM	1	49	21.94	22.02	22.03	21.89	23.70
20	64QAM	1	99	21.82	21.96	22.02	22.03	23.70
20	64QAM	50	0	22.01	22.04	21.71	21.79	23.00
20	64QAM	50	24	21.72	21.78	21.42	21.66	23.00
20	64QAM	50	50	21.56	21.68	21.37	21.49	23.00
20	64QAM	100	0	21.74	21.91	21.55	21.74	23.00
20	256QAM	1	0	20.25	20.28	19.94	20.17	21.00
20	256QAM	1	49	19.95	20.07	19.81	19.90	21.00
20	256QAM	1	99	19.87	19.97	19.66	19.79	21.00
20	256QAM	50	0	20.12	20.16	19.84	19.98	21.00
20	256QAM	50	24	19.98	20.17	19.78	19.91	21.00
20	256QAM	50	50	20.04	20.09	19.61	19.83	21.00
20	256QAM	100	0	19.92	20.06	19.71	19.90	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.34	22.41	22.20	22.32	23.70
15	QPSK	1	37	22.09	22.17	22.01	22.04	23.70
15	QPSK	1	74	22.07	22.15	22.00	22.09	23.70
15	QPSK	36	0	22.26	22.42	22.21	22.17	23.70
15	QPSK	36	20	22.06	22.19	21.91	21.92	23.70
15	QPSK	36	39	22.21	22.24	21.87	22.03	23.70
15	QPSK	75	0	22.15	22.19	21.87	22.03	23.70
15	16QAM	1	0	22.11	22.24	21.99	21.92	23.70
15	16QAM	1	37	22.23	22.26	21.99	22.08	23.70
15	16QAM	1	74	21.94	22.08	22.08	21.89	23.70
15	16QAM	36	0	21.94	22.06	21.99	21.88	23.70
15	16QAM	36	20	21.81	21.86	21.88	21.78	23.70
15	16QAM	36	39	21.82	21.79	21.93	21.78	23.70
15	16QAM	75	0	21.84	21.94	21.86	21.82	23.70
15	64QAM	1	0	21.90	22.04	21.98	21.84	23.70
15	64QAM	1	37	21.93	21.95	21.93	21.83	23.70
15	64QAM	1	74	21.85	21.89	21.89	21.87	23.70
15	64QAM	36	0	21.24	21.25	21.16	21.16	23.00
15	64QAM	36	20	21.08	21.02	21.02	21.12	23.00
15	64QAM	36	39	21.12	21.11	21.00	21.01	23.00
15	64QAM	75	0	21.14	21.10	21.07	21.06	23.00
15	256QAM	1	0	19.02	19.15	19.03	19.07	21.00
15	256QAM	1	37	19.08	19.13	19.09	19.04	21.00
15	256QAM	1	74	19.11	19.09	19.02	19.10	21.00
15	256QAM	36	0	19.00	19.12	19.10	19.03	21.00
15	256QAM	36	20	19.06	19.06	19.08	19.02	21.00
15	256QAM	36	39	19.13	19.05	19.03	19.04	21.00
15	256QAM	75	0	19.03	19.01	19.02	19.03	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.46	22.41	22.19	22.27	23.70
10	QPSK	1	25	22.12	22.18	22.00	22.01	23.70
10	QPSK	1	49	22.18	22.16	21.96	22.15	23.70
10	QPSK	25	0	22.17	22.40	22.28	22.25	23.70
10	QPSK	25	12	22.06	22.18	22.00	21.99	23.70
10	QPSK	25	25	22.14	22.17	21.89	22.03	23.70
10	QPSK	50	0	22.17	22.16	21.98	22.04	23.70
10	16QAM	1	0	22.16	22.19	21.94	22.03	23.70
10	16QAM	1	25	22.21	22.26	22.02	22.14	23.70
10	16QAM	1	49	21.96	22.17	22.06	21.87	23.70



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10	16QAM	25	0	22.02	21.98	22.03	21.80	23.70
10	16QAM	25	12	21.90	21.94	21.97	21.80	23.70
10	16QAM	25	25	21.78	21.81	21.81	21.78	23.70
10	16QAM	50	0	21.81	21.84	21.87	21.82	23.70
10	64QAM	1	0	21.90	21.91	21.95	21.81	23.70
10	64QAM	1	25	21.91	21.92	21.94	21.86	23.70
10	64QAM	1	49	21.76	21.89	21.93	21.91	23.70
10	64QAM	25	0	21.30	21.20	21.13	21.22	23.00
10	64QAM	25	12	21.00	21.12	21.03	21.05	23.00
10	64QAM	25	25	21.09	21.02	21.07	21.04	23.00
10	64QAM	50	0	21.09	21.16	21.05	21.06	23.00
10	256QAM	1	0	19.01	19.15	19.06	19.09	21.00
10	256QAM	1	25	19.06	19.14	19.03	19.14	21.00
10	256QAM	1	49	19.11	19.06	19.01	19.13	21.00
10	256QAM	25	0	19.09	19.02	19.03	19.12	21.00
10	256QAM	25	12	19.11	19.03	19.12	19.00	21.00
10	256QAM	25	25	19.01	19.03	19.06	19.11	21.00
10	256QAM	50	0	19.00	19.11	19.11	19.05	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.47	22.34	22.25	22.25	23.70
5	QPSK	1	12	22.13	22.19	22.00	22.05	23.70
5	QPSK	1	24	22.19	22.20	21.90	22.11	23.70
5	QPSK	12	0	22.29	22.30	22.15	22.20	23.70
5	QPSK	12	7	22.11	22.25	22.00	21.93	23.70
5	QPSK	12	13	22.21	22.12	21.93	21.95	23.70
5	QPSK	25	0	22.09	22.17	21.88	22.09	23.70
5	16QAM	1	0	22.09	22.31	21.95	22.00	23.70
5	16QAM	1	12	22.20	22.30	22.01	22.07	23.70
5	16QAM	1	24	21.92	22.08	22.07	21.90	23.70
5	16QAM	12	0	21.97	21.96	21.91	21.87	23.70
5	16QAM	12	7	21.82	21.94	21.94	21.76	23.70
5	16QAM	12	13	21.84	21.80	21.89	21.74	23.70
5	16QAM	25	0	21.84	21.92	21.84	21.88	23.70
5	64QAM	1	0	21.92	22.03	21.93	21.83	23.70
5	64QAM	1	12	21.88	21.94	21.92	21.85	23.70
5	64QAM	1	24	21.79	21.93	21.93	21.97	23.70
5	64QAM	12	0	21.30	21.26	21.17	21.24	23.00
5	64QAM	12	7	21.00	21.05	21.04	21.05	23.00
5	64QAM	12	13	21.14	21.14	21.09	21.01	23.00
5	64QAM	25	0	21.10	21.20	21.10	21.09	23.00
5	256QAM	1	0	19.07	19.13	19.14	19.04	21.00
5	256QAM	1	12	19.00	19.04	19.05	19.07	21.00
5	256QAM	1	24	19.10	19.10	19.09	19.07	21.00
5	256QAM	12	0	19.08	19.03	19.09	19.09	21.00
5	256QAM	12	7	19.04	19.04	19.09	19.04	21.00
5	256QAM	12	13	19.04	19.02	19.08	19.03	21.00
5	256QAM	25	0	19.13	19.07	19.10	19.03	21.00

【LTE Band 48_Ant 2_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.75	23.79	23.45	23.62	24.00
20	QPSK	1	49	23.47	23.63	23.25	23.44	24.00
20	QPSK	1	99	23.41	23.53	23.13	23.34	24.00
20	QPSK	50	0	23.60	23.72	23.32	23.52	24.00
20	QPSK	50	24	23.47	23.63	23.28	23.36	24.00
20	QPSK	50	50	23.48	23.57	23.09	23.30	24.00
20	QPSK	100	0	23.48	23.60	23.20	23.39	24.00
20	16QAM	1	0	23.42	23.58	23.23	23.28	24.00
20	16QAM	1	49	23.54	23.63	23.17	23.36	24.00
20	16QAM	1	99	23.26	23.45	22.99	23.20	24.00
20	16QAM	50	0	23.33	23.42	22.94	23.11	24.00
20	16QAM	50	24	23.17	23.32	22.90	23.10	24.00
20	16QAM	50	50	23.08	23.21	22.73	23.03	24.00
20	16QAM	100	0	23.13	23.22	22.83	23.02	24.00
20	64QAM	1	0	23.28	23.39	22.92	23.17	24.00
20	64QAM	1	49	23.28	23.35	22.94	23.13	24.00
20	64QAM	1	99	23.15	23.21	22.78	23.00	24.00
20	64QAM	50	0	22.29	22.41	21.96	22.11	23.00
20	64QAM	50	24	22.28	22.33	21.93	22.09	23.00



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20	64QAM	50	50	22.11	22.27	21.88	22.01	23.00
20	64QAM	100	0	22.14	22.26	21.89	21.96	23.00
20	256QAM	1	0	20.28	20.40	20.09	20.17	21.00
20	256QAM	1	49	20.24	20.31	19.89	20.04	21.00
20	256QAM	1	99	19.82	19.99	19.64	19.79	21.00
20	256QAM	50	0	20.24	20.39	20.04	20.13	21.00
20	256QAM	50	24	20.21	20.32	19.88	20.04	21.00
20	256QAM	50	50	20.16	20.27	19.90	20.03	21.00
20	256QAM	100	0	20.17	20.25	19.88	19.99	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.63	23.66	23.30	23.49	24.00
15	QPSK	1	37	23.42	23.53	23.12	23.38	24.00
15	QPSK	1	74	23.36	23.52	23.02	23.20	24.00
15	QPSK	36	0	23.57	23.59	23.30	23.41	24.00
15	QPSK	36	20	23.33	23.52	23.17	23.25	24.00
15	QPSK	36	39	23.36	23.50	22.96	23.15	24.00
15	QPSK	75	0	23.38	23.58	23.10	23.33	24.00
15	16QAM	1	0	23.34	23.47	23.13	23.13	24.00
15	16QAM	1	37	23.51	23.54	23.10	23.31	24.00
15	16QAM	1	74	23.23	23.36	22.86	23.10	24.00
15	16QAM	36	0	23.29	23.33	22.88	22.97	24.00
15	16QAM	36	20	23.08	23.30	22.78	22.98	24.00
15	16QAM	36	39	23.03	23.13	22.68	22.93	24.00
15	16QAM	75	0	23.07	23.08	22.69	22.90	24.00
15	64QAM	1	0	23.21	23.34	22.83	23.09	24.00
15	64QAM	1	37	23.14	23.33	22.86	23.06	24.00
15	64QAM	1	74	23.13	23.10	22.74	22.91	24.00
15	64QAM	36	0	22.24	22.29	21.91	22.09	23.00
15	64QAM	36	20	22.25	22.30	21.80	22.03	23.00
15	64QAM	36	39	22.03	22.15	21.79	21.92	23.00
15	64QAM	75	0	22.05	22.17	21.78	21.84	23.00
15	256QAM	1	0	20.21	20.26	19.95	20.08	21.00
15	256QAM	1	37	20.18	20.28	19.82	19.92	21.00
15	256QAM	1	74	19.70	19.93	19.55	19.76	21.00
15	256QAM	36	0	20.20	20.38	20.00	20.01	21.00
15	256QAM	36	20	20.17	20.24	19.83	19.93	21.00
15	256QAM	36	39	20.01	20.19	19.82	19.89	21.00
15	256QAM	75	0	20.08	20.13	19.80	19.97	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.67	23.76	23.38	23.56	24.00
10	QPSK	1	25	23.36	23.51	23.22	23.34	24.00
10	QPSK	1	49	23.40	23.43	23.06	23.22	24.00
10	QPSK	25	0	23.50	23.66	23.28	23.41	24.00
10	QPSK	25	12	23.34	23.60	23.19	23.31	24.00
10	QPSK	25	25	23.40	23.43	22.98	23.23	24.00
10	QPSK	50	0	23.40	23.59	23.14	23.25	24.00
10	16QAM	1	0	23.38	23.49	23.14	23.19	24.00
10	16QAM	1	25	23.53	23.53	23.04	23.23	24.00
10	16QAM	1	49	23.24	23.35	22.86	23.13	24.00
10	16QAM	25	0	23.18	23.29	22.84	22.96	24.00
10	16QAM	25	12	23.07	23.23	22.88	23.00	24.00
10	16QAM	25	25	23.06	23.13	22.63	23.02	24.00
10	16QAM	50	0	23.06	23.20	22.74	22.87	24.00
10	64QAM	1	0	23.15	23.35	22.89	23.08	24.00
10	64QAM	1	25	23.19	23.32	22.86	23.10	24.00
10	64QAM	1	49	23.01	23.18	22.71	22.97	24.00
10	64QAM	25	0	22.18	22.34	21.85	22.09	23.00
10	64QAM	25	12	22.19	22.24	21.82	22.05	23.00
10	64QAM	25	25	22.04	22.25	21.85	21.99	23.00
10	64QAM	50	0	22.09	22.15	21.84	21.81	23.00
10	256QAM	1	0	20.26	20.38	20.00	20.14	21.00
10	256QAM	1	25	20.12	20.30	19.79	19.98	21.00
10	256QAM	1	49	19.77	19.93	19.52	19.72	21.00
10	256QAM	25	0	20.12	20.27	19.97	20.05	21.00
10	256QAM	25	12	20.11	20.17	19.77	19.94	21.00
10	256QAM	25	25	20.07	20.18	19.87	19.92	21.00
10	256QAM	50	0	20.09	20.12	19.77	19.96	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.62	23.75	23.31	23.50	24.00
5	QPSK	1	12	23.34	23.51	23.21	23.34	24.00
5	QPSK	1	24	23.29	23.41	23.06	23.25	24.00
5	QPSK	12	0	23.58	23.69	23.22	23.47	24.00
5	QPSK	12	7	23.38	23.53	23.23	23.26	24.00
5	QPSK	12	13	23.34	23.54	23.08	23.26	24.00
5	QPSK	25	0	23.46	23.51	23.12	23.28	24.00



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5	16QAM	1	0	23.39	23.55	23.14	23.20	24.00
5	16QAM	1	12	23.41	23.55	23.13	23.28	24.00
5	16QAM	1	24	23.17	23.30	22.92	23.12	24.00
5	16QAM	12	0	23.24	23.38	22.79	23.03	24.00
5	16QAM	12	7	23.07	23.26	22.82	23.00	24.00
5	16QAM	12	13	23.02	23.09	22.63	22.90	24.00
5	16QAM	25	0	23.04	23.11	22.71	22.93	24.00
5	64QAM	1	0	23.20	23.28	22.87	23.09	24.00
5	64QAM	1	12	23.17	23.21	22.91	23.09	24.00
5	64QAM	1	24	23.13	23.15	22.63	22.96	24.00
5	64QAM	12	0	22.23	22.29	21.85	22.03	23.00
5	64QAM	12	7	22.24	22.27	21.83	22.07	23.00
5	64QAM	12	13	22.04	22.13	21.81	21.95	23.00
5	64QAM	25	0	22.03	22.18	21.85	21.89	23.00
5	256QAM	1	0	20.16	20.26	20.00	20.16	21.00
5	256QAM	1	12	20.21	20.28	19.86	19.90	21.00
5	256QAM	1	24	19.75	19.96	19.54	19.69	21.00
5	256QAM	12	0	20.13	20.31	20.02	20.08	21.00
5	256QAM	12	7	20.19	20.19	19.84	19.99	21.00
5	256QAM	12	13	20.02	20.26	19.81	19.90	21.00
5	256QAM	25	0	20.08	20.14	19.85	19.85	21.00

【LTE Band 48_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.94	23.59	22.77	22.92	24.00
20	QPSK	1	49	22.59	22.86	22.51	22.65	24.00
20	QPSK	1	99	22.45	22.65	22.35	22.42	24.00
20	QPSK	50	0	22.80	23.45	22.60	22.73	24.00
20	QPSK	50	24	22.74	22.93	22.55	22.70	24.00
20	QPSK	50	50	22.67	22.84	22.53	22.60	24.00
20	QPSK	100	0	22.68	22.88	22.55	22.68	24.00
20	16QAM	1	0	22.67	22.83	22.53	22.61	24.00
20	16QAM	1	49	22.70	22.86	22.43	22.71	24.00
20	16QAM	1	99	22.61	22.76	22.46	22.56	24.00
20	16QAM	50	0	22.46	22.60	22.19	22.39	24.00
20	16QAM	50	24	22.44	22.58	22.26	22.30	24.00
20	16QAM	50	50	22.25	22.50	22.11	22.22	24.00
20	16QAM	100	0	22.30	22.56	22.24	22.38	24.00
20	64QAM	1	0	22.26	22.48	22.18	22.22	24.00
20	64QAM	1	49	22.35	22.53	22.18	22.34	24.00
20	64QAM	1	99	22.34	22.48	22.06	22.31	24.00
20	64QAM	50	0	21.35	21.60	21.29	21.32	23.00
20	64QAM	50	24	21.42	21.63	21.32	21.41	23.00
20	64QAM	50	50	21.30	21.53	21.17	21.35	23.00
20	64QAM	100	0	21.40	21.61	21.28	21.42	23.00
20	256QAM	1	0	19.33	19.53	19.21	19.31	21.00
20	256QAM	1	49	19.33	19.55	19.25	19.39	21.00
20	256QAM	1	99	19.18	19.34	19.04	19.20	21.00
20	256QAM	50	0	19.34	19.57	19.22	19.36	21.00
20	256QAM	50	24	19.38	19.63	19.36	19.45	21.00
20	256QAM	50	50	19.28	19.53	19.26	19.35	21.00
20	256QAM	100	0	19.41	19.55	19.23	19.30	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.88	22.92	22.74	22.86	24.00
15	QPSK	1	37	22.53	22.79	22.45	22.64	24.00
15	QPSK	1	74	22.40	22.60	22.27	22.35	24.00
15	QPSK	36	0	22.69	22.85	22.55	22.67	24.00
15	QPSK	36	20	22.71	22.87	22.44	22.63	24.00
15	QPSK	36	39	22.60	22.73	22.51	22.46	24.00
15	QPSK	75	0	22.58	22.84	22.50	22.62	24.00
15	16QAM	1	0	22.64	22.80	22.45	22.53	24.00
15	16QAM	1	37	22.60	22.74	22.32	22.66	24.00
15	16QAM	1	74	22.47	22.66	22.42	22.55	24.00
15	16QAM	36	0	22.43	22.52	22.09	22.33	24.00
15	16QAM	36	20	22.38	22.55	22.19	22.22	24.00
15	16QAM	36	39	22.14	22.46	22.01	22.18	24.00
15	16QAM	75	0	22.16	22.45	22.20	22.32	24.00
15	64QAM	1	0	22.23	22.45	22.12	22.12	24.00
15	64QAM	1	37	22.24	22.41	22.04	22.26	24.00



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15	64QAM	1	74	22.20	22.37	22.01	22.26	24.00
15	64QAM	36	0	21.24	21.57	21.27	21.18	23.00
15	64QAM	36	20	21.30	21.49	21.19	21.36	23.00
15	64QAM	36	39	21.23	21.41	21.12	21.24	23.00
15	64QAM	75	0	21.37	21.47	21.21	21.33	23.00
15	256QAM	1	0	19.20	19.44	19.07	19.23	21.00
15	256QAM	1	37	19.27	19.44	19.19	19.37	21.00
15	256QAM	1	74	19.16	19.28	19.01	19.10	21.00
15	256QAM	36	0	19.32	19.46	19.08	19.30	21.00
15	256QAM	36	20	19.30	19.53	19.23	19.36	21.00
15	256QAM	36	39	19.22	19.44	19.20	19.26	21.00
15	256QAM	75	0	19.34	19.47	19.12	19.22	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.86	22.97	22.72	22.85	24.00
10	QPSK	1	25	22.47	22.72	22.36	22.62	24.00
10	QPSK	1	49	22.38	22.63	22.24	22.32	24.00
10	QPSK	25	0	22.67	22.93	22.57	22.64	24.00
10	QPSK	25	12	22.60	22.87	22.52	22.57	24.00
10	QPSK	25	25	22.58	22.76	22.44	22.49	24.00
10	QPSK	50	0	22.66	22.80	22.53	22.63	24.00
10	16QAM	1	0	22.64	22.78	22.39	22.55	24.00
10	16QAM	1	25	22.62	22.76	22.38	22.63	24.00
10	16QAM	1	49	22.46	22.74	22.37	22.53	24.00
10	16QAM	25	0	22.31	22.51	22.04	22.33	24.00
10	16QAM	25	12	22.40	22.45	22.13	22.18	24.00
10	16QAM	25	25	22.21	22.47	22.07	22.20	24.00
10	16QAM	50	0	22.17	22.53	22.16	22.26	24.00
10	64QAM	1	0	22.21	22.39	22.15	22.18	24.00
10	64QAM	1	25	22.30	22.39	22.07	22.29	24.00
10	64QAM	1	49	22.26	22.44	22.00	22.26	24.00
10	64QAM	25	0	21.24	21.52	21.15	21.17	23.00
10	64QAM	25	12	21.29	21.49	21.26	21.34	23.00
10	64QAM	25	25	21.18	21.50	21.06	21.26	23.00
10	64QAM	50	0	21.37	21.46	21.25	21.28	23.00
10	256QAM	1	0	19.25	19.39	19.12	19.17	21.00
10	256QAM	1	25	19.22	19.47	19.19	19.30	21.00
10	256QAM	1	49	19.11	19.19	19.00	19.08	21.00
10	256QAM	25	0	19.27	19.55	19.11	19.27	21.00
10	256QAM	25	12	19.30	19.57	19.35	19.42	21.00
10	256QAM	25	25	19.23	19.43	19.12	19.28	21.00
10	256QAM	50	0	19.30	19.46	19.15	19.17	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.83	23.01	22.68	22.78	24.00
5	QPSK	1	12	22.55	22.85	22.45	22.53	24.00
5	QPSK	1	24	22.44	22.55	22.29	22.40	24.00
5	QPSK	12	0	22.74	22.87	22.51	22.68	24.00
5	QPSK	12	7	22.62	22.85	22.52	22.67	24.00
5	QPSK	12	13	22.61	22.75	22.48	22.58	24.00
5	QPSK	25	0	22.61	22.81	22.53	22.57	24.00
5	16QAM	1	0	22.64	22.75	22.48	22.51	24.00
5	16QAM	1	12	22.67	22.84	22.30	22.65	24.00
5	16QAM	1	24	22.59	22.70	22.35	22.54	24.00
5	16QAM	12	0	22.39	22.46	22.12	22.27	24.00
5	16QAM	12	7	22.40	22.47	22.16	22.26	24.00
5	16QAM	12	13	22.15	22.48	22.02	22.18	24.00
5	16QAM	25	0	22.16	22.53	22.13	22.25	24.00
5	64QAM	1	0	22.20	22.45	22.07	22.16	24.00
5	64QAM	1	12	22.31	22.49	22.12	22.28	24.00
5	64QAM	1	24	22.29	22.38	22.01	22.23	24.00
5	64QAM	12	0	21.31	21.51	21.21	21.27	23.00
5	64QAM	12	7	21.33	21.48	21.23	21.29	23.00
5	64QAM	12	13	21.21	21.38	21.07	21.28	23.00
5	64QAM	25	0	21.30	21.52	21.26	21.31	23.00
5	256QAM	1	0	19.31	19.38	19.13	19.19	21.00
5	256QAM	1	12	19.19	19.43	19.16	19.34	21.00
5	256QAM	1	24	19.15	19.22	19.01	19.07	21.00
5	256QAM	12	0	19.26	19.42	19.08	19.32	21.00
5	256QAM	12	7	19.30	19.54	19.32	19.33	21.00
5	256QAM	12	13	19.15	19.50	19.22	19.25	21.00
5	256QAM	25	0	19.39	19.44	19.21	19.20	21.00

**【LTE Band 48_Ant 1_DSI 12】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	22.00
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.86	20.89	20.81	20.83	22.00
20	QPSK	1	49	20.72	20.71	20.69	20.72	22.00
20	QPSK	1	99	20.75	20.66	20.77	20.76	22.00
20	QPSK	50	0	20.79	20.80	20.79	20.78	22.00
20	QPSK	50	24	20.71	20.77	20.69	20.75	22.00
20	QPSK	50	50	20.71	20.75	20.73	20.75	22.00
20	QPSK	100	0	20.78	20.81	20.65	20.65	22.00
20	16QAM	1	0	20.70	20.76	20.67	20.69	22.00
20	16QAM	1	49	20.76	20.73	20.71	20.68	22.00
20	16QAM	1	99	20.78	20.74	20.70	20.72	22.00
20	16QAM	50	0	20.71	20.75	20.72	20.69	22.00
20	16QAM	50	24	20.72	20.70	20.76	20.74	22.00
20	16QAM	50	50	20.68	20.69	20.74	20.65	22.00
20	16QAM	100	0	20.68	20.72	20.69	20.72	22.00
20	64QAM	1	0	20.70	20.78	20.65	20.66	22.00
20	64QAM	1	49	20.78	20.75	20.77	20.63	22.00
20	64QAM	1	99	20.75	20.69	20.74	20.74	22.00
20	64QAM	50	0	20.76	20.78	20.66	20.65	22.00
20	64QAM	50	24	20.69	20.73	20.69	20.73	22.00
20	64QAM	50	50	20.77	20.73	20.66	20.73	22.00
20	64QAM	100	0	20.71	20.76	20.74	20.64	22.00
20	256QAM	1	0	19.72	19.79	19.69	19.67	21.00
20	256QAM	1	49	19.72	19.71	19.75	19.79	21.00
20	256QAM	1	99	19.85	19.75	19.79	19.80	21.00
20	256QAM	50	0	19.77	19.72	19.70	19.69	21.00
20	256QAM	50	24	19.69	19.73	19.69	19.63	21.00
20	256QAM	50	50	19.77	19.78	19.65	19.73	21.00
20	256QAM	100	0	19.68	19.78	19.72	19.66	21.00
Channel				55315	55820	56160	56665	22.00
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.74	20.79	20.67	20.81	22.00
15	QPSK	1	37	20.62	20.65	20.58	20.64	22.00
15	QPSK	1	74	20.73	20.58	20.68	20.64	22.00
15	QPSK	36	0	20.71	20.76	20.64	20.74	22.00
15	QPSK	36	20	20.69	20.64	20.55	20.69	22.00
15	QPSK	36	39	20.66	20.72	20.59	20.65	22.00
15	QPSK	75	0	20.69	20.78	20.50	20.61	22.00
15	16QAM	1	0	20.58	20.69	20.58	20.63	22.00
15	16QAM	1	37	20.75	20.71	20.66	20.57	22.00
15	16QAM	1	74	20.74	20.62	20.56	20.69	22.00
15	16QAM	36	0	20.59	20.73	20.71	20.63	22.00
15	16QAM	36	20	20.57	20.57	20.74	20.65	22.00
15	16QAM	36	39	20.57	20.65	20.72	20.60	22.00
15	16QAM	75	0	20.58	20.59	20.60	20.57	22.00
15	64QAM	1	0	20.59	20.65	20.61	20.62	22.00
15	64QAM	1	37	20.75	20.61	20.73	20.59	22.00
15	64QAM	1	74	20.69	20.58	20.69	20.72	22.00
15	64QAM	36	0	20.74	20.77	20.60	20.62	22.00
15	64QAM	36	20	20.63	20.59	20.62	20.67	22.00
15	64QAM	36	39	20.66	20.69	20.54	20.59	22.00
15	64QAM	75	0	20.68	20.61	20.72	20.54	22.00
15	256QAM	1	0	19.11	19.06	19.03	19.03	21.00
15	256QAM	1	37	19.02	19.01	19.12	19.05	21.00
15	256QAM	1	74	19.03	19.06	19.03	19.02	21.00
15	256QAM	36	0	19.09	19.05	19.13	19.14	21.00
15	256QAM	36	20	19.14	19.00	19.07	19.13	21.00
15	256QAM	36	39	19.10	19.11	19.08	19.04	21.00
15	256QAM	75	0	19.08	19.14	19.13	19.14	21.00
Channel				55290	55815	56165	56690	22.00
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.76	20.83	20.71	20.80	22.00
10	QPSK	1	25	20.61	20.69	20.56	20.69	22.00
10	QPSK	1	49	20.72	20.60	20.71	20.62	22.00
10	QPSK	25	0	20.76	20.79	20.75	20.74	22.00
10	QPSK	25	12	20.63	20.73	20.62	20.69	22.00
10	QPSK	25	25	20.64	20.67	20.62	20.70	22.00
10	QPSK	50	0	20.67	20.69	20.62	20.61	22.00
10	16QAM	1	0	20.59	20.62	20.57	20.58	22.00
10	16QAM	1	25	20.72	20.66	20.67	20.56	22.00
10	16QAM	1	49	20.73	20.67	20.68	20.64	22.00



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10	16QAM	25	0	20.60	20.72	20.62	20.60	22.00
10	16QAM	25	12	20.59	20.63	20.74	20.59	22.00
10	16QAM	25	25	20.58	20.55	20.71	20.57	22.00
10	16QAM	50	0	20.61	20.62	20.56	20.64	22.00
10	64QAM	1	0	20.62	20.71	20.58	20.61	22.00
10	64QAM	1	25	20.75	20.64	20.64	20.54	22.00
10	64QAM	1	49	20.65	20.65	20.69	20.63	22.00
10	64QAM	25	0	20.74	20.71	20.65	20.57	22.00
10	64QAM	25	12	20.67	20.71	20.55	20.65	22.00
10	64QAM	25	25	20.70	20.70	20.54	20.68	22.00
10	64QAM	50	0	20.67	20.63	20.67	20.53	22.00
10	256QAM	1	0	19.14	19.03	19.02	19.08	21.00
10	256QAM	1	25	19.13	19.12	19.02	19.10	21.00
10	256QAM	1	49	19.11	19.14	19.12	19.08	21.00
10	256QAM	25	0	19.14	19.05	19.03	19.11	21.00
10	256QAM	25	12	19.11	19.04	19.03	19.05	21.00
10	256QAM	25	25	19.00	19.03	19.02	19.07	21.00
10	256QAM	50	0	19.13	19.01	19.03	19.05	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.81	20.87	20.74	20.75	22.00
5	QPSK	1	12	20.58	20.61	20.55	20.65	22.00
5	QPSK	1	24	20.68	20.57	20.68	20.71	22.00
5	QPSK	12	0	20.66	20.77	20.70	20.73	22.00
5	QPSK	12	7	20.65	20.68	20.63	20.70	22.00
5	QPSK	12	13	20.64	20.67	20.71	20.69	22.00
5	QPSK	25	0	20.76	20.79	20.62	20.61	22.00
5	16QAM	1	0	20.64	20.71	20.59	20.61	22.00
5	16QAM	1	12	20.71	20.67	20.69	20.59	22.00
5	16QAM	1	24	20.64	20.63	20.60	20.58	22.00
5	16QAM	12	0	20.58	20.73	20.69	20.68	22.00
5	16QAM	12	7	20.62	20.67	20.68	20.62	22.00
5	16QAM	12	13	20.66	20.62	20.70	20.63	22.00
5	16QAM	25	0	20.60	20.61	20.65	20.70	22.00
5	64QAM	1	0	20.65	20.76	20.61	20.60	22.00
5	64QAM	1	12	20.72	20.71	20.65	20.58	22.00
5	64QAM	1	24	20.65	20.55	20.66	20.66	22.00
5	64QAM	12	0	20.71	20.69	20.56	20.58	22.00
5	64QAM	12	7	20.66	20.65	20.56	20.66	22.00
5	64QAM	12	13	20.67	20.61	20.60	20.62	22.00
5	64QAM	25	0	20.56	20.72	20.60	20.60	22.00
5	256QAM	1	0	19.10	19.11	19.07	19.01	21.00
5	256QAM	1	12	19.12	19.03	19.10	19.04	21.00
5	256QAM	1	24	19.09	19.02	19.12	19.00	21.00
5	256QAM	12	0	19.12	19.08	19.02	19.07	21.00
5	256QAM	12	7	19.05	19.10	19.04	19.08	21.00
5	256QAM	12	13	19.11	19.04	19.08	19.07	21.00
5	256QAM	25	0	19.11	19.12	19.14	19.11	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.94	23.59	22.77	22.92	24.00
20	QPSK	1	49	22.59	22.86	22.51	22.65	24.00
20	QPSK	1	99	22.45	22.65	22.35	22.42	24.00
20	QPSK	50	0	22.80	23.45	22.60	22.73	24.00
20	QPSK	50	24	22.74	22.93	22.55	22.70	24.00
20	QPSK	50	50	22.67	22.84	22.53	22.60	24.00
20	QPSK	100	0	22.68	22.88	22.55	22.68	24.00
20	16QAM	1	0	22.67	22.83	22.53	22.61	24.00
20	16QAM	1	49	22.70	22.86	22.43	22.71	24.00
20	16QAM	1	99	22.61	22.76	22.46	22.56	24.00
20	16QAM	50	0	22.46	22.60	22.19	22.39	24.00
20	16QAM	50	24	22.44	22.58	22.26	22.30	24.00
20	16QAM	50	50	22.25	22.50	22.11	22.22	24.00
20	16QAM	100	0	22.30	22.56	22.24	22.38	24.00
20	64QAM	1	0	22.26	22.48	22.18	22.22	24.00
20	64QAM	1	49	22.35	22.53	22.18	22.34	24.00
20	64QAM	1	99	22.34	22.48	22.06	22.31	24.00
20	64QAM	50	0	21.35	21.60	21.29	21.32	23.00
20	64QAM	50	24	21.42	21.63	21.32	21.41	23.00



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20	64QAM	50	50	21.30	21.53	21.17	21.35	23.00
20	64QAM	100	0	21.40	21.61	21.28	21.42	23.00
20	256QAM	1	0	19.33	19.53	19.21	19.31	21.00
20	256QAM	1	49	19.33	19.55	19.25	19.39	21.00
20	256QAM	1	99	19.18	19.34	19.04	19.20	21.00
20	256QAM	50	0	19.34	19.57	19.22	19.36	21.00
20	256QAM	50	24	19.38	19.63	19.36	19.45	21.00
20	256QAM	50	50	19.28	19.53	19.26	19.35	21.00
20	256QAM	100	0	19.41	19.55	19.23	19.30	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.88	22.92	22.74	22.86	24.00
15	QPSK	1	37	22.53	22.79	22.45	22.64	24.00
15	QPSK	1	74	22.40	22.60	22.27	22.35	24.00
15	QPSK	36	0	22.69	22.85	22.55	22.67	24.00
15	QPSK	36	20	22.71	22.87	22.44	22.63	24.00
15	QPSK	36	39	22.60	22.73	22.51	22.46	24.00
15	QPSK	75	0	22.58	22.84	22.50	22.62	24.00
15	16QAM	1	0	22.64	22.80	22.45	22.53	24.00
15	16QAM	1	37	22.60	22.74	22.32	22.66	24.00
15	16QAM	1	74	22.47	22.66	22.42	22.55	24.00
15	16QAM	36	0	22.43	22.52	22.09	22.33	24.00
15	16QAM	36	20	22.38	22.55	22.19	22.22	24.00
15	16QAM	36	39	22.14	22.46	22.01	22.18	24.00
15	16QAM	75	0	22.16	22.45	22.20	22.32	24.00
15	64QAM	1	0	22.23	22.45	22.12	22.12	24.00
15	64QAM	1	37	22.24	22.41	22.04	22.26	24.00
15	64QAM	1	74	22.20	22.37	22.01	22.26	24.00
15	64QAM	36	0	21.24	21.57	21.27	21.18	23.00
15	64QAM	36	20	21.30	21.49	21.19	21.36	23.00
15	64QAM	36	39	21.23	21.41	21.12	21.24	23.00
15	64QAM	75	0	21.37	21.47	21.21	21.33	23.00
15	256QAM	1	0	19.20	19.44	19.07	19.23	21.00
15	256QAM	1	37	19.27	19.44	19.19	19.37	21.00
15	256QAM	1	74	19.16	19.28	19.01	19.10	21.00
15	256QAM	36	0	19.32	19.46	19.08	19.30	21.00
15	256QAM	36	20	19.30	19.53	19.23	19.36	21.00
15	256QAM	36	39	19.22	19.44	19.20	19.26	21.00
15	256QAM	75	0	19.34	19.47	19.12	19.22	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.86	22.97	22.72	22.85	24.00
10	QPSK	1	25	22.47	22.72	22.36	22.62	24.00
10	QPSK	1	49	22.38	22.63	22.24	22.32	24.00
10	QPSK	25	0	22.67	22.93	22.57	22.64	24.00
10	QPSK	25	12	22.60	22.87	22.52	22.57	24.00
10	QPSK	25	25	22.58	22.76	22.44	22.49	24.00
10	QPSK	50	0	22.66	22.80	22.53	22.63	24.00
10	16QAM	1	0	22.64	22.78	22.39	22.55	24.00
10	16QAM	1	25	22.62	22.76	22.38	22.63	24.00
10	16QAM	1	49	22.46	22.74	22.37	22.53	24.00
10	16QAM	25	0	22.31	22.51	22.04	22.33	24.00
10	16QAM	25	12	22.40	22.45	22.13	22.18	24.00
10	16QAM	25	25	22.21	22.47	22.07	22.20	24.00
10	16QAM	50	0	22.17	22.53	22.16	22.26	24.00
10	64QAM	1	0	22.21	22.39	22.15	22.18	24.00
10	64QAM	1	25	22.30	22.39	22.07	22.29	24.00
10	64QAM	1	49	22.26	22.44	22.00	22.26	24.00
10	64QAM	25	0	21.24	21.52	21.15	21.17	23.00
10	64QAM	25	12	21.29	21.49	21.26	21.34	23.00
10	64QAM	25	25	21.18	21.50	21.06	21.26	23.00
10	64QAM	50	0	21.37	21.46	21.25	21.28	23.00
10	256QAM	1	0	19.25	19.39	19.12	19.17	21.00
10	256QAM	1	25	19.22	19.47	19.19	19.30	21.00
10	256QAM	1	49	19.11	19.19	19.00	19.08	21.00
10	256QAM	25	0	19.27	19.55	19.11	19.27	21.00
10	256QAM	25	12	19.30	19.57	19.35	19.42	21.00
10	256QAM	25	25	19.23	19.43	19.12	19.28	21.00
10	256QAM	50	0	19.30	19.46	19.15	19.17	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.83	23.01	22.68	22.78	24.00
5	QPSK	1	12	22.55	22.85	22.45	22.53	24.00
5	QPSK	1	24	22.44	22.55	22.29	22.40	24.00
5	QPSK	12	0	22.74	22.87	22.51	22.68	24.00
5	QPSK	12	7	22.62	22.85	22.52	22.67	24.00
5	QPSK	12	13	22.61	22.75	22.48	22.58	24.00
5	QPSK	25	0	22.61	22.81	22.53	22.57	24.00



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5	16QAM	1	0	22.64	22.75	22.48	22.51	24.00
5	16QAM	1	12	22.67	22.84	22.30	22.65	24.00
5	16QAM	1	24	22.59	22.70	22.35	22.54	24.00
5	16QAM	12	0	22.39	22.46	22.12	22.27	24.00
5	16QAM	12	7	22.40	22.47	22.16	22.26	24.00
5	16QAM	12	13	22.15	22.48	22.02	22.18	24.00
5	16QAM	25	0	22.16	22.53	22.13	22.25	24.00
5	64QAM	1	0	22.20	22.45	22.07	22.16	24.00
5	64QAM	1	12	22.31	22.49	22.12	22.28	24.00
5	64QAM	1	24	22.29	22.38	22.01	22.23	24.00
5	64QAM	12	0	21.31	21.51	21.21	21.27	23.00
5	64QAM	12	7	21.33	21.48	21.23	21.29	23.00
5	64QAM	12	13	21.21	21.38	21.07	21.28	23.00
5	64QAM	25	0	21.30	21.52	21.26	21.31	23.00
5	256QAM	1	0	19.31	19.38	19.13	19.19	21.00
5	256QAM	1	12	19.19	19.43	19.16	19.34	21.00
5	256QAM	1	24	19.15	19.22	19.01	19.07	21.00
5	256QAM	12	0	19.26	19.42	19.08	19.32	21.00
5	256QAM	12	7	19.30	19.54	19.32	19.33	21.00
5	256QAM	12	13	19.15	19.50	19.22	19.25	21.00
5	256QAM	25	0	19.39	19.44	19.21	19.20	21.00

【LTE Band 48_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	23.51	23.59	22.77	22.92	24.00
20	QPSK	1	49	22.59	22.86	22.51	22.65	24.00
20	QPSK	1	99	22.45	22.65	22.35	22.42	24.00
20	QPSK	50	0	22.80	23.45	22.60	22.73	24.00
20	QPSK	50	24	22.74	22.93	22.55	22.70	24.00
20	QPSK	50	50	22.67	22.84	22.53	22.60	24.00
20	QPSK	100	0	22.68	22.88	22.55	22.68	24.00
20	16QAM	1	0	22.67	22.83	22.53	22.61	24.00
20	16QAM	1	49	22.70	22.86	22.43	22.71	24.00
20	16QAM	1	99	22.61	22.76	22.46	22.56	24.00
20	16QAM	50	0	22.46	22.60	22.19	22.39	24.00
20	16QAM	50	24	22.44	22.58	22.26	22.30	24.00
20	16QAM	50	50	22.25	22.50	22.11	22.22	24.00
20	16QAM	100	0	22.30	22.56	22.24	22.38	24.00
20	64QAM	1	0	22.26	22.48	22.18	22.22	24.00
20	64QAM	1	49	22.35	22.53	22.18	22.34	24.00
20	64QAM	1	99	22.34	22.48	22.06	22.31	24.00
20	64QAM	50	0	21.35	21.60	21.29	21.32	23.00
20	64QAM	50	24	21.42	21.63	21.32	21.41	23.00
20	64QAM	50	50	21.30	21.53	21.17	21.35	23.00
20	64QAM	100	0	21.40	21.61	21.28	21.42	23.00
20	256QAM	1	0	19.33	19.53	19.21	19.31	21.00
20	256QAM	1	49	19.33	19.55	19.25	19.39	21.00
20	256QAM	1	99	19.18	19.34	19.04	19.20	21.00
20	256QAM	50	0	19.34	19.57	19.22	19.36	21.00
20	256QAM	50	24	19.38	19.63	19.36	19.45	21.00
20	256QAM	50	50	19.28	19.53	19.26	19.35	21.00
20	256QAM	100	0	19.41	19.55	19.23	19.30	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.88	22.92	22.74	22.86	24.00
15	QPSK	1	37	22.53	22.79	22.45	22.64	24.00
15	QPSK	1	74	22.40	22.60	22.27	22.35	24.00
15	QPSK	36	0	22.69	22.85	22.55	22.67	24.00
15	QPSK	36	20	22.71	22.87	22.44	22.63	24.00
15	QPSK	36	39	22.60	22.73	22.51	22.46	24.00
15	QPSK	75	0	22.58	22.84	22.50	22.62	24.00
15	16QAM	1	0	22.64	22.80	22.45	22.53	24.00
15	16QAM	1	37	22.60	22.74	22.32	22.66	24.00
15	16QAM	1	74	22.47	22.66	22.42	22.55	24.00
15	16QAM	36	0	22.43	22.52	22.09	22.33	24.00
15	16QAM	36	20	22.38	22.55	22.19	22.22	24.00
15	16QAM	36	39	22.14	22.46	22.01	22.18	24.00
15	16QAM	75	0	22.16	22.45	22.20	22.32	24.00
15	64QAM	1	0	22.23	22.45	22.12	22.12	24.00
15	64QAM	1	37	22.24	22.41	22.04	22.26	24.00



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15	64QAM	1	74	22.20	22.37	22.01	22.26	24.00
15	64QAM	36	0	21.24	21.57	21.27	21.18	23.00
15	64QAM	36	20	21.30	21.49	21.19	21.36	23.00
15	64QAM	36	39	21.23	21.41	21.12	21.24	23.00
15	64QAM	75	0	21.37	21.47	21.21	21.33	23.00
15	256QAM	1	0	19.20	19.44	19.07	19.23	21.00
15	256QAM	1	37	19.27	19.44	19.19	19.37	21.00
15	256QAM	1	74	19.16	19.28	19.01	19.10	21.00
15	256QAM	36	0	19.32	19.46	19.08	19.30	21.00
15	256QAM	36	20	19.30	19.53	19.23	19.36	21.00
15	256QAM	36	39	19.22	19.44	19.20	19.26	21.00
15	256QAM	75	0	19.34	19.47	19.12	19.22	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.86	22.97	22.72	22.85	24.00
10	QPSK	1	25	22.47	22.72	22.36	22.62	24.00
10	QPSK	1	49	22.38	22.63	22.24	22.32	24.00
10	QPSK	25	0	22.67	22.93	22.57	22.64	24.00
10	QPSK	25	12	22.60	22.87	22.52	22.57	24.00
10	QPSK	25	25	22.58	22.76	22.44	22.49	24.00
10	QPSK	50	0	22.66	22.80	22.53	22.63	24.00
10	16QAM	1	0	22.64	22.78	22.39	22.55	24.00
10	16QAM	1	25	22.62	22.76	22.38	22.63	24.00
10	16QAM	1	49	22.46	22.74	22.37	22.53	24.00
10	16QAM	25	0	22.31	22.51	22.04	22.33	24.00
10	16QAM	25	12	22.40	22.45	22.13	22.18	24.00
10	16QAM	25	25	22.21	22.47	22.07	22.20	24.00
10	16QAM	50	0	22.17	22.53	22.16	22.26	24.00
10	64QAM	1	0	22.21	22.39	22.15	22.18	24.00
10	64QAM	1	25	22.30	22.39	22.07	22.29	24.00
10	64QAM	1	49	22.26	22.44	22.00	22.26	24.00
10	64QAM	25	0	21.24	21.52	21.15	21.17	23.00
10	64QAM	25	12	21.29	21.49	21.26	21.34	23.00
10	64QAM	25	25	21.18	21.50	21.06	21.26	23.00
10	64QAM	50	0	21.37	21.46	21.25	21.28	23.00
10	256QAM	1	0	19.25	19.39	19.12	19.17	21.00
10	256QAM	1	25	19.22	19.47	19.19	19.30	21.00
10	256QAM	1	49	19.11	19.19	19.00	19.08	21.00
10	256QAM	25	0	19.27	19.55	19.11	19.27	21.00
10	256QAM	25	12	19.30	19.57	19.35	19.42	21.00
10	256QAM	25	25	19.23	19.43	19.12	19.28	21.00
10	256QAM	50	0	19.30	19.46	19.15	19.17	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.83	23.01	22.68	22.78	24.00
5	QPSK	1	12	22.55	22.85	22.45	22.53	24.00
5	QPSK	1	24	22.44	22.55	22.29	22.40	24.00
5	QPSK	12	0	22.74	22.87	22.51	22.68	24.00
5	QPSK	12	7	22.62	22.85	22.52	22.67	24.00
5	QPSK	12	13	22.61	22.75	22.48	22.58	24.00
5	QPSK	25	0	22.61	22.81	22.53	22.57	24.00
5	16QAM	1	0	22.64	22.75	22.48	22.51	24.00
5	16QAM	1	12	22.67	22.84	22.30	22.65	24.00
5	16QAM	1	24	22.59	22.70	22.35	22.54	24.00
5	16QAM	12	0	22.39	22.46	22.12	22.27	24.00
5	16QAM	12	7	22.40	22.47	22.16	22.26	24.00
5	16QAM	12	13	22.15	22.48	22.02	22.18	24.00
5	16QAM	25	0	22.16	22.53	22.13	22.25	24.00
5	64QAM	1	0	22.20	22.45	22.07	22.16	24.00
5	64QAM	1	12	22.31	22.49	22.12	22.28	24.00
5	64QAM	1	24	22.29	22.38	22.01	22.23	24.00
5	64QAM	12	0	21.31	21.51	21.21	21.27	23.00
5	64QAM	12	7	21.33	21.48	21.23	21.29	23.00
5	64QAM	12	13	21.21	21.38	21.07	21.28	23.00
5	64QAM	25	0	21.30	21.52	21.26	21.31	23.00
5	256QAM	1	0	19.31	19.38	19.13	19.19	21.00
5	256QAM	1	12	19.19	19.43	19.16	19.34	21.00
5	256QAM	1	24	19.15	19.22	19.01	19.07	21.00
5	256QAM	12	0	19.26	19.42	19.08	19.32	21.00
5	256QAM	12	7	19.30	19.54	19.32	19.33	21.00
5	256QAM	12	13	19.15	19.50	19.22	19.25	21.00
5	256QAM	25	0	19.39	19.44	19.21	19.20	21.00

**[LTE Band 48_Ant 1_DSI 7]**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	22.40
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	21.71	21.89	21.78	21.83	22.40
20	QPSK	1	49	21.66	21.61	21.65	21.67	22.40
20	QPSK	1	99	21.64	21.62	21.65	21.62	22.40
20	QPSK	50	0	21.74	21.75	21.70	21.70	22.40
20	QPSK	50	24	21.60	21.66	21.60	21.57	22.40
20	QPSK	50	50	21.61	21.62	21.61	21.63	22.40
20	QPSK	100	0	21.63	21.64	21.56	21.63	22.40
20	16QAM	1	0	21.66	21.64	21.62	21.60	22.40
20	16QAM	1	49	21.63	21.61	21.64	21.63	22.40
20	16QAM	1	99	21.60	21.60	21.61	21.54	22.40
20	16QAM	50	0	21.58	21.63	21.59	21.55	22.40
20	16QAM	50	24	21.64	21.60	21.56	21.55	22.40
20	16QAM	50	50	21.66	21.66	21.59	21.59	22.40
20	16QAM	100	0	21.58	21.60	21.67	21.62	22.40
20	64QAM	1	0	21.59	21.69	21.63	21.62	22.40
20	64QAM	1	49	21.67	21.60	21.65	21.53	22.40
20	64QAM	1	99	21.68	21.59	21.65	21.60	22.40
20	64QAM	50	0	21.63	21.64	21.65	21.64	22.40
20	64QAM	50	24	21.62	21.68	21.61	21.59	22.40
20	64QAM	50	50	21.63	21.67	21.59	21.59	22.40
20	64QAM	100	0	21.68	21.62	21.61	21.57	22.40
20	256QAM	1	0	19.74	19.71	19.78	19.69	21.00
20	256QAM	1	49	19.63	19.59	19.66	19.66	21.00
20	256QAM	1	99	19.66	19.58	19.59	19.71	21.00
20	256QAM	50	0	19.68	19.68	19.67	19.67	21.00
20	256QAM	50	24	19.65	19.69	19.57	19.55	21.00
20	256QAM	50	50	19.64	19.65	19.57	19.57	21.00
20	256QAM	100	0	19.61	19.58	19.58	19.57	21.00
Channel				55315	55820	56160	56665	22.40
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	21.58	21.73	21.72	21.72	22.40
15	QPSK	1	37	21.55	21.47	21.61	21.60	22.40
15	QPSK	1	74	21.62	21.57	21.54	21.48	22.40
15	QPSK	36	0	21.59	21.73	21.59	21.63	22.40
15	QPSK	36	20	21.51	21.59	21.51	21.52	22.40
15	QPSK	36	39	21.58	21.58	21.58	21.57	22.40
15	QPSK	75	0	21.56	21.53	21.42	21.60	22.40
15	16QAM	1	0	21.57	21.57	21.50	21.49	22.40
15	16QAM	1	37	21.52	21.53	21.53	21.60	22.40
15	16QAM	1	74	21.52	21.46	21.47	21.53	22.40
15	16QAM	36	0	21.54	21.53	21.57	21.48	22.40
15	16QAM	36	20	21.51	21.50	21.52	21.48	22.40
15	16QAM	36	39	21.56	21.52	21.47	21.54	22.40
15	16QAM	75	0	21.55	21.58	21.65	21.54	22.40
15	64QAM	1	0	21.56	21.56	21.53	21.47	22.40
15	64QAM	1	37	21.56	21.49	21.59	21.45	22.40
15	64QAM	1	74	21.61	21.45	21.60	21.52	22.40
15	64QAM	36	0	21.53	21.51	21.54	21.51	22.40
15	64QAM	36	20	21.60	21.64	21.48	21.47	22.40
15	64QAM	36	39	21.59	21.60	21.57	21.44	22.40
15	64QAM	75	0	21.59	21.48	21.54	21.44	22.40
15	256QAM	1	0	19.02	19.02	19.13	19.07	21.00
15	256QAM	1	37	19.05	19.07	19.11	19.13	21.00
15	256QAM	1	74	19.12	19.03	19.06	19.14	21.00
15	256QAM	36	0	19.12	19.04	19.14	19.15	21.00
15	256QAM	36	20	19.14	19.11	19.04	19.07	21.00
15	256QAM	36	39	19.09	19.14	19.13	19.10	21.00
15	256QAM	75	0	19.06	19.04	19.07	19.07	21.00
Channel				55290	55815	56165	56690	22.40
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	21.66	21.78	21.74	21.58	22.40
10	QPSK	1	25	21.59	21.54	21.56	21.65	22.40
10	QPSK	1	49	21.53	21.59	21.55	21.55	22.40
10	QPSK	25	0	21.62	21.70	21.63	21.58	22.40
10	QPSK	25	12	21.57	21.59	21.49	21.51	22.40
10	QPSK	25	25	21.56	21.53	21.53	21.51	22.40
10	QPSK	50	0	21.49	21.49	21.46	21.56	22.40
10	16QAM	1	0	21.56	21.53	21.61	21.46	22.40
10	16QAM	1	25	21.58	21.51	21.61	21.50	22.40
10	16QAM	1	49	21.50	21.54	21.49	21.45	22.40



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10	16QAM	25	0	21.56	21.61	21.47	21.53	22.40
10	16QAM	25	12	21.53	21.48	21.54	21.46	22.40
10	16QAM	25	25	21.61	21.61	21.58	21.55	22.40
10	16QAM	50	0	21.46	21.51	21.55	21.51	22.40
10	64QAM	1	0	21.55	21.65	21.57	21.57	22.40
10	64QAM	1	25	21.58	21.58	21.62	21.49	22.40
10	64QAM	1	49	21.59	21.51	21.52	21.56	22.40
10	64QAM	25	0	21.54	21.58	21.56	21.60	22.40
10	64QAM	25	12	21.55	21.57	21.55	21.53	22.40
10	64QAM	25	25	21.61	21.61	21.57	21.45	22.40
10	64QAM	50	0	21.54	21.51	21.47	21.44	22.40
10	256QAM	1	0	19.01	19.08	19.01	19.01	21.00
10	256QAM	1	25	19.04	19.11	19.11	19.12	21.00
10	256QAM	1	49	19.00	19.13	19.04	19.04	21.00
10	256QAM	25	0	19.08	19.15	19.11	19.04	21.00
10	256QAM	25	12	19.07	19.12	19.02	19.06	21.00
10	256QAM	25	25	19.00	19.12	19.06	19.10	21.00
10	256QAM	50	0	19.01	19.01	19.05	19.06	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	21.66	21.73	21.69	21.65	22.40
5	QPSK	1	12	21.51	21.48	21.50	21.62	22.40
5	QPSK	1	24	21.61	21.60	21.58	21.47	22.40
5	QPSK	12	0	21.69	21.71	21.59	21.59	22.40
5	QPSK	12	7	21.51	21.53	21.52	21.56	22.40
5	QPSK	12	13	21.48	21.55	21.59	21.54	22.40
5	QPSK	25	0	21.55	21.59	21.46	21.57	22.40
5	16QAM	1	0	21.53	21.54	21.55	21.51	22.40
5	16QAM	1	12	21.61	21.57	21.52	21.54	22.40
5	16QAM	1	24	21.50	21.47	21.56	21.50	22.40
5	16QAM	12	0	21.45	21.52	21.51	21.54	22.40
5	16QAM	12	7	21.52	21.50	21.53	21.42	22.40
5	16QAM	12	13	21.56	21.60	21.56	21.46	22.40
5	16QAM	25	0	21.43	21.56	21.64	21.60	22.40
5	64QAM	1	0	21.50	21.65	21.53	21.57	22.40
5	64QAM	1	12	21.58	21.55	21.62	21.43	22.40
5	64QAM	1	24	21.60	21.47	21.64	21.45	22.40
5	64QAM	12	0	21.57	21.56	21.53	21.51	22.40
5	64QAM	12	7	21.58	21.54	21.59	21.48	22.40
5	64QAM	12	13	21.50	21.53	21.57	21.54	22.40
5	64QAM	25	0	21.63	21.61	21.48	21.50	22.40
5	256QAM	1	0	19.08	19.11	19.03	19.13	21.00
5	256QAM	1	12	19.10	19.13	19.05	19.01	21.00
5	256QAM	1	24	19.15	19.03	19.14	19.13	21.00
5	256QAM	12	0	19.08	19.05	19.06	19.13	21.00
5	256QAM	12	7	19.04	19.10	19.09	19.00	21.00
5	256QAM	12	13	19.14	19.13	19.10	19.05	21.00
5	256QAM	25	0	19.03	19.01	19.06	19.13	21.00

【LTE Band 48_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.94	23.59	22.77	22.92	24.00
20	QPSK	1	49	22.59	22.86	22.51	22.65	24.00
20	QPSK	1	99	22.45	22.65	22.35	22.42	24.00
20	QPSK	50	0	22.80	23.45	22.60	22.73	24.00
20	QPSK	50	24	22.74	22.93	22.55	22.70	24.00
20	QPSK	50	50	22.67	22.84	22.53	22.60	24.00
20	QPSK	100	0	22.68	22.88	22.55	22.68	24.00
20	16QAM	1	0	22.67	22.83	22.53	22.61	24.00
20	16QAM	1	49	22.70	22.86	22.43	22.71	24.00
20	16QAM	1	99	22.61	22.76	22.46	22.56	24.00
20	16QAM	50	0	22.46	22.60	22.19	22.39	24.00
20	16QAM	50	24	22.44	22.58	22.26	22.30	24.00
20	16QAM	50	50	22.25	22.50	22.11	22.22	24.00
20	16QAM	100	0	22.30	22.56	22.24	22.38	24.00
20	64QAM	1	0	22.26	22.48	22.18	22.22	24.00
20	64QAM	1	49	22.35	22.53	22.18	22.34	24.00
20	64QAM	1	99	22.34	22.48	22.06	22.31	24.00
20	64QAM	50	0	21.35	21.60	21.29	21.32	23.00
20	64QAM	50	24	21.42	21.63	21.32	21.41	23.00



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20	64QAM	50	50	21.30	21.53	21.17	21.35	23.00
20	64QAM	100	0	21.40	21.61	21.28	21.42	23.00
20	256QAM	1	0	19.33	19.53	19.21	19.31	21.00
20	256QAM	1	49	19.33	19.55	19.25	19.39	21.00
20	256QAM	1	99	19.18	19.34	19.04	19.20	21.00
20	256QAM	50	0	19.34	19.57	19.22	19.36	21.00
20	256QAM	50	24	19.38	19.63	19.36	19.45	21.00
20	256QAM	50	50	19.28	19.53	19.26	19.35	21.00
20	256QAM	100	0	19.41	19.55	19.23	19.30	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.88	22.92	22.74	22.86	24.00
15	QPSK	1	37	22.53	22.79	22.45	22.64	24.00
15	QPSK	1	74	22.40	22.60	22.27	22.35	24.00
15	QPSK	36	0	22.69	22.85	22.55	22.67	24.00
15	QPSK	36	20	22.71	22.87	22.44	22.63	24.00
15	QPSK	36	39	22.60	22.73	22.51	22.46	24.00
15	QPSK	75	0	22.58	22.84	22.50	22.62	24.00
15	16QAM	1	0	22.64	22.80	22.45	22.53	24.00
15	16QAM	1	37	22.60	22.74	22.32	22.66	24.00
15	16QAM	1	74	22.47	22.66	22.42	22.55	24.00
15	16QAM	36	0	22.43	22.52	22.09	22.33	24.00
15	16QAM	36	20	22.38	22.55	22.19	22.22	24.00
15	16QAM	36	39	22.14	22.46	22.01	22.18	24.00
15	16QAM	75	0	22.16	22.45	22.20	22.32	24.00
15	64QAM	1	0	22.23	22.45	22.12	22.12	24.00
15	64QAM	1	37	22.24	22.41	22.04	22.26	24.00
15	64QAM	1	74	22.20	22.37	22.01	22.26	24.00
15	64QAM	36	0	21.24	21.57	21.27	21.18	23.00
15	64QAM	36	20	21.30	21.49	21.19	21.36	23.00
15	64QAM	36	39	21.23	21.41	21.12	21.24	23.00
15	64QAM	75	0	21.37	21.47	21.21	21.33	23.00
15	256QAM	1	0	19.20	19.44	19.07	19.23	21.00
15	256QAM	1	37	19.27	19.44	19.19	19.37	21.00
15	256QAM	1	74	19.16	19.28	19.01	19.10	21.00
15	256QAM	36	0	19.32	19.46	19.08	19.30	21.00
15	256QAM	36	20	19.30	19.53	19.23	19.36	21.00
15	256QAM	36	39	19.22	19.44	19.20	19.26	21.00
15	256QAM	75	0	19.34	19.47	19.12	19.22	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.86	22.97	22.72	22.85	24.00
10	QPSK	1	25	22.47	22.72	22.36	22.62	24.00
10	QPSK	1	49	22.38	22.63	22.24	22.32	24.00
10	QPSK	25	0	22.67	22.93	22.57	22.64	24.00
10	QPSK	25	12	22.60	22.87	22.52	22.57	24.00
10	QPSK	25	25	22.58	22.76	22.44	22.49	24.00
10	QPSK	50	0	22.66	22.80	22.53	22.63	24.00
10	16QAM	1	0	22.64	22.78	22.39	22.55	24.00
10	16QAM	1	25	22.62	22.76	22.38	22.63	24.00
10	16QAM	1	49	22.46	22.74	22.37	22.53	24.00
10	16QAM	25	0	22.31	22.51	22.04	22.33	24.00
10	16QAM	25	12	22.40	22.45	22.13	22.18	24.00
10	16QAM	25	25	22.21	22.47	22.07	22.20	24.00
10	16QAM	50	0	22.17	22.53	22.16	22.26	24.00
10	64QAM	1	0	22.21	22.39	22.15	22.18	24.00
10	64QAM	1	25	22.30	22.39	22.07	22.29	24.00
10	64QAM	1	49	22.26	22.44	22.00	22.26	24.00
10	64QAM	25	0	21.24	21.52	21.15	21.17	23.00
10	64QAM	25	12	21.29	21.49	21.26	21.34	23.00
10	64QAM	25	25	21.18	21.50	21.06	21.26	23.00
10	64QAM	50	0	21.37	21.46	21.25	21.28	23.00
10	256QAM	1	0	19.25	19.39	19.12	19.17	21.00
10	256QAM	1	25	19.22	19.47	19.19	19.30	21.00
10	256QAM	1	49	19.11	19.19	19.00	19.08	21.00
10	256QAM	25	0	19.27	19.55	19.11	19.27	21.00
10	256QAM	25	12	19.30	19.57	19.35	19.42	21.00
10	256QAM	25	25	19.23	19.43	19.12	19.28	21.00
10	256QAM	50	0	19.30	19.46	19.15	19.17	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.83	23.01	22.68	22.78	24.00
5	QPSK	1	12	22.55	22.85	22.45	22.53	24.00
5	QPSK	1	24	22.44	22.55	22.29	22.40	24.00
5	QPSK	12	0	22.74	22.87	22.51	22.68	24.00
5	QPSK	12	7	22.62	22.85	22.52	22.67	24.00
5	QPSK	12	13	22.61	22.75	22.48	22.58	24.00
5	QPSK	25	0	22.61	22.81	22.53	22.57	24.00



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5	16QAM	1	0	22.64	22.75	22.48	22.51	24.00
5	16QAM	1	12	22.67	22.84	22.30	22.65	24.00
5	16QAM	1	24	22.59	22.70	22.35	22.54	24.00
5	16QAM	12	0	22.39	22.46	22.12	22.27	24.00
5	16QAM	12	7	22.40	22.47	22.16	22.26	24.00
5	16QAM	12	13	22.15	22.48	22.02	22.18	24.00
5	16QAM	25	0	22.16	22.53	22.13	22.25	24.00
5	64QAM	1	0	22.20	22.45	22.07	22.16	24.00
5	64QAM	1	12	22.31	22.49	22.12	22.28	24.00
5	64QAM	1	24	22.29	22.38	22.01	22.23	24.00
5	64QAM	12	0	21.31	21.51	21.21	21.27	23.00
5	64QAM	12	7	21.33	21.48	21.23	21.29	23.00
5	64QAM	12	13	21.21	21.38	21.07	21.28	23.00
5	64QAM	25	0	21.30	21.52	21.26	21.31	23.00
5	256QAM	1	0	19.31	19.38	19.13	19.19	21.00
5	256QAM	1	12	19.19	19.43	19.16	19.34	21.00
5	256QAM	1	24	19.15	19.22	19.01	19.07	21.00
5	256QAM	12	0	19.26	19.42	19.08	19.32	21.00
5	256QAM	12	7	19.30	19.54	19.32	19.33	21.00
5	256QAM	12	13	19.15	19.50	19.22	19.25	21.00
5	256QAM	25	0	19.39	19.44	19.21	19.20	21.00

【LTE Band 48_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.94	23.59	22.77	22.92	24.00
20	QPSK	1	49	22.59	22.86	22.51	22.65	24.00
20	QPSK	1	99	22.45	22.65	22.35	22.42	24.00
20	QPSK	50	0	22.80	23.45	22.60	22.73	24.00
20	QPSK	50	24	22.74	22.93	22.55	22.70	24.00
20	QPSK	50	50	22.67	22.84	22.53	22.60	24.00
20	QPSK	100	0	22.68	22.88	22.55	22.68	24.00
20	16QAM	1	0	22.67	22.83	22.53	22.61	24.00
20	16QAM	1	49	22.70	22.86	22.43	22.71	24.00
20	16QAM	1	99	22.61	22.76	22.46	22.56	24.00
20	16QAM	50	0	22.46	22.60	22.19	22.39	24.00
20	16QAM	50	24	22.44	22.58	22.26	22.30	24.00
20	16QAM	50	50	22.25	22.50	22.11	22.22	24.00
20	16QAM	100	0	22.30	22.56	22.24	22.38	24.00
20	64QAM	1	0	22.26	22.48	22.18	22.22	24.00
20	64QAM	1	49	22.35	22.53	22.18	22.34	24.00
20	64QAM	1	99	22.34	22.48	22.06	22.31	24.00
20	64QAM	50	0	21.35	21.60	21.29	21.32	23.00
20	64QAM	50	24	21.42	21.63	21.32	21.41	23.00
20	64QAM	50	50	21.30	21.53	21.17	21.35	23.00
20	64QAM	100	0	21.40	21.61	21.28	21.42	23.00
20	256QAM	1	0	19.33	19.53	19.21	19.31	21.00
20	256QAM	1	49	19.33	19.55	19.25	19.39	21.00
20	256QAM	1	99	19.18	19.34	19.04	19.20	21.00
20	256QAM	50	0	19.34	19.57	19.22	19.36	21.00
20	256QAM	50	24	19.38	19.63	19.36	19.45	21.00
20	256QAM	50	50	19.28	19.53	19.26	19.35	21.00
20	256QAM	100	0	19.41	19.55	19.23	19.30	21.00
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.88	22.92	22.74	22.86	24.00
15	QPSK	1	37	22.53	22.79	22.45	22.64	24.00
15	QPSK	1	74	22.40	22.60	22.27	22.35	24.00
15	QPSK	36	0	22.69	22.85	22.55	22.67	24.00
15	QPSK	36	20	22.71	22.87	22.44	22.63	24.00
15	QPSK	36	39	22.60	22.73	22.51	22.46	24.00
15	QPSK	75	0	22.58	22.84	22.50	22.62	24.00
15	16QAM	1	0	22.64	22.80	22.45	22.53	24.00
15	16QAM	1	37	22.60	22.74	22.32	22.66	24.00
15	16QAM	1	74	22.47	22.66	22.42	22.55	24.00
15	16QAM	36	0	22.43	22.52	22.09	22.33	24.00
15	16QAM	36	20	22.38	22.55	22.19	22.22	24.00
15	16QAM	36	39	22.14	22.46	22.01	22.18	24.00
15	16QAM	75	0	22.16	22.45	22.20	22.32	24.00
15	64QAM	1	0	22.23	22.45	22.12	22.12	24.00
15	64QAM	1	37	22.24	22.41	22.04	22.26	24.00



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15	64QAM	1	74	22.20	22.37	22.01	22.26	24.00
15	64QAM	36	0	21.24	21.57	21.27	21.18	23.00
15	64QAM	36	20	21.30	21.49	21.19	21.36	23.00
15	64QAM	36	39	21.23	21.41	21.12	21.24	23.00
15	64QAM	75	0	21.37	21.47	21.21	21.33	23.00
15	256QAM	1	0	19.20	19.44	19.07	19.23	21.00
15	256QAM	1	37	19.27	19.44	19.19	19.37	21.00
15	256QAM	1	74	19.16	19.28	19.01	19.10	21.00
15	256QAM	36	0	19.32	19.46	19.08	19.30	21.00
15	256QAM	36	20	19.30	19.53	19.23	19.36	21.00
15	256QAM	36	39	19.22	19.44	19.20	19.26	21.00
15	256QAM	75	0	19.34	19.47	19.12	19.22	21.00
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.86	22.97	22.72	22.85	24.00
10	QPSK	1	25	22.47	22.72	22.36	22.62	24.00
10	QPSK	1	49	22.38	22.63	22.24	22.32	24.00
10	QPSK	25	0	22.67	22.93	22.57	22.64	24.00
10	QPSK	25	12	22.60	22.87	22.52	22.57	24.00
10	QPSK	25	25	22.58	22.76	22.44	22.49	24.00
10	QPSK	50	0	22.66	22.80	22.53	22.63	24.00
10	16QAM	1	0	22.64	22.78	22.39	22.55	24.00
10	16QAM	1	25	22.62	22.76	22.38	22.63	24.00
10	16QAM	1	49	22.46	22.74	22.37	22.53	24.00
10	16QAM	25	0	22.31	22.51	22.04	22.33	24.00
10	16QAM	25	12	22.40	22.45	22.13	22.18	24.00
10	16QAM	25	25	22.21	22.47	22.07	22.20	24.00
10	16QAM	50	0	22.17	22.53	22.16	22.26	24.00
10	64QAM	1	0	22.21	22.39	22.15	22.18	24.00
10	64QAM	1	25	22.30	22.39	22.07	22.29	24.00
10	64QAM	1	49	22.26	22.44	22.00	22.26	24.00
10	64QAM	25	0	21.24	21.52	21.15	21.17	23.00
10	64QAM	25	12	21.29	21.49	21.26	21.34	23.00
10	64QAM	25	25	21.18	21.50	21.06	21.26	23.00
10	64QAM	50	0	21.37	21.46	21.25	21.28	23.00
10	256QAM	1	0	19.25	19.39	19.12	19.17	21.00
10	256QAM	1	25	19.22	19.47	19.19	19.30	21.00
10	256QAM	1	49	19.11	19.19	19.00	19.08	21.00
10	256QAM	25	0	19.27	19.55	19.11	19.27	21.00
10	256QAM	25	12	19.30	19.57	19.35	19.42	21.00
10	256QAM	25	25	19.23	19.43	19.12	19.28	21.00
10	256QAM	50	0	19.30	19.46	19.15	19.17	21.00
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.83	23.01	22.68	22.78	24.00
5	QPSK	1	12	22.55	22.85	22.45	22.53	24.00
5	QPSK	1	24	22.44	22.55	22.29	22.40	24.00
5	QPSK	12	0	22.74	22.87	22.51	22.68	24.00
5	QPSK	12	7	22.62	22.85	22.52	22.67	24.00
5	QPSK	12	13	22.61	22.75	22.48	22.58	24.00
5	QPSK	25	0	22.61	22.81	22.53	22.57	24.00
5	16QAM	1	0	22.64	22.75	22.48	22.51	24.00
5	16QAM	1	12	22.67	22.84	22.30	22.65	24.00
5	16QAM	1	24	22.59	22.70	22.35	22.54	24.00
5	16QAM	12	0	22.39	22.46	22.12	22.27	24.00
5	16QAM	12	7	22.40	22.47	22.16	22.26	24.00
5	16QAM	12	13	22.15	22.48	22.02	22.18	24.00
5	16QAM	25	0	22.16	22.53	22.13	22.25	24.00
5	64QAM	1	0	22.20	22.45	22.07	22.16	24.00
5	64QAM	1	12	22.31	22.49	22.12	22.28	24.00
5	64QAM	1	24	22.29	22.38	22.01	22.23	24.00
5	64QAM	12	0	21.31	21.51	21.21	21.27	23.00
5	64QAM	12	7	21.33	21.48	21.23	21.29	23.00
5	64QAM	12	13	21.21	21.38	21.07	21.28	23.00
5	64QAM	25	0	21.30	21.52	21.26	21.31	23.00
5	256QAM	1	0	19.31	19.38	19.13	19.19	21.00
5	256QAM	1	12	19.19	19.43	19.16	19.34	21.00
5	256QAM	1	24	19.15	19.22	19.01	19.07	21.00
5	256QAM	12	0	19.26	19.42	19.08	19.32	21.00
5	256QAM	12	7	19.30	19.54	19.32	19.33	21.00
5	256QAM	12	13	19.15	19.50	19.22	19.25	21.00
5	256QAM	25	0	19.39	19.44	19.21	19.20	21.00

**【LTE Band 66_Ant 3_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.01	23.05	23.00	24.00
20	QPSK	1	49	22.56	22.69	22.52	24.00
20	QPSK	1	99	22.39	22.66	22.51	24.00
20	QPSK	50	0	22.75	22.94	22.83	24.00
20	QPSK	50	24	22.52	22.71	22.65	24.00
20	QPSK	50	50	22.62	22.70	22.53	24.00
20	QPSK	100	0	22.57	22.89	22.55	24.00
20	16QAM	1	0	22.53	22.88	22.53	24.00
20	16QAM	1	49	22.49	22.89	22.55	24.00
20	16QAM	1	99	22.53	22.85	22.54	24.00
20	16QAM	50	0	22.56	22.87	22.53	24.00
20	16QAM	50	24	22.50	22.88	22.62	24.00
20	16QAM	50	50	22.65	22.92	22.62	24.00
20	16QAM	100	0	22.40	22.79	22.52	24.00
20	64QAM	1	0	22.60	22.89	22.65	24.00
20	64QAM	1	49	22.54	22.87	22.56	24.00
20	64QAM	1	99	22.55	22.90	22.56	24.00
20	64QAM	50	0	21.43	21.81	21.47	23.00
20	64QAM	50	24	21.55	21.82	21.49	23.00
20	64QAM	50	50	21.69	21.96	21.69	23.00
20	64QAM	100	0	21.51	21.78	21.52	23.00
20	256QAM	1	0	19.57	19.85	19.60	21.00
20	256QAM	1	49	19.53	19.78	19.44	21.00
20	256QAM	1	99	19.01	19.00	19.01	21.00
20	256QAM	50	0	19.59	19.90	19.62	21.00
20	256QAM	50	24	19.46	19.74	19.50	21.00
20	256QAM	50	50	19.62	19.89	19.62	21.00
20	256QAM	100	0	19.47	19.82	19.56	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.65	22.85	22.64	24.00
15	QPSK	1	37	22.55	22.77	22.46	24.00
15	QPSK	1	74	22.36	22.74	22.43	24.00
15	QPSK	36	0	22.54	22.79	22.52	24.00
15	QPSK	36	20	22.42	22.79	22.57	24.00
15	QPSK	36	39	22.49	22.79	22.49	24.00
15	QPSK	75	0	22.47	22.84	22.40	24.00
15	16QAM	1	0	22.41	22.75	22.47	24.00
15	16QAM	1	37	22.42	22.74	22.46	24.00
15	16QAM	1	74	22.38	22.72	22.50	24.00
15	16QAM	36	0	22.55	22.83	22.51	24.00
15	16QAM	36	20	22.39	22.75	22.57	24.00
15	16QAM	36	39	22.52	22.80	22.60	24.00
15	16QAM	75	0	22.33	22.67	22.43	24.00
15	64QAM	1	0	22.48	22.81	22.51	24.00
15	64QAM	1	37	22.44	22.82	22.47	24.00
15	64QAM	1	74	22.43	22.84	22.41	24.00
15	64QAM	36	0	21.38	21.73	21.45	23.00
15	64QAM	36	20	21.47	21.74	21.40	23.00
15	64QAM	36	39	21.57	21.94	21.66	23.00
15	64QAM	75	0	21.45	21.67	21.42	23.00
15	256QAM	1	0	19.56	19.78	19.47	21.00
15	256QAM	1	37	19.50	19.69	19.37	21.00
15	256QAM	1	74	19.01	19.01	19.00	21.00
15	256QAM	36	0	19.58	19.88	19.54	21.00
15	256QAM	36	20	19.35	19.64	19.42	21.00
15	256QAM	36	39	19.54	19.75	19.55	21.00
15	256QAM	75	0	19.46	19.71	19.48	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.63	22.93	22.64	24.00
10	QPSK	1	25	22.49	22.85	22.49	24.00
10	QPSK	1	49	22.25	22.74	22.46	24.00
10	QPSK	25	0	22.42	22.88	22.49	24.00
10	QPSK	25	12	22.43	22.84	22.61	24.00
10	QPSK	25	25	22.59	22.84	22.49	24.00
10	QPSK	50	0	22.52	22.75	22.53	24.00
10	16QAM	1	0	22.49	22.84	22.51	24.00
10	16QAM	1	25	22.37	22.80	22.49	24.00
10	16QAM	1	49	22.44	22.80	22.39	24.00



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10	16QAM	25	0	22.53	22.85	22.50	24.00
10	16QAM	25	12	22.43	22.77	22.54	24.00
10	16QAM	25	25	22.50	22.77	22.54	24.00
10	16QAM	50	0	22.37	22.72	22.49	24.00
10	64QAM	1	0	22.55	22.75	22.60	24.00
10	64QAM	1	25	22.41	22.83	22.44	24.00
10	64QAM	1	49	22.47	22.82	22.51	24.00
10	64QAM	25	0	21.40	21.75	21.42	23.00
10	64QAM	25	12	21.46	21.76	21.35	23.00
10	64QAM	25	25	21.60	21.92	21.63	23.00
10	64QAM	50	0	21.36	21.74	21.37	23.00
10	256QAM	1	0	19.53	19.77	19.48	21.00
10	256QAM	1	25	19.46	19.63	19.29	21.00
10	256QAM	1	49	19.00	19.00	19.00	21.00
10	256QAM	25	0	19.52	19.86	19.56	21.00
10	256QAM	25	12	19.45	19.71	19.39	21.00
10	256QAM	25	25	19.50	19.80	19.52	21.00
10	256QAM	50	0	19.39	19.69	19.46	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.58	22.90	22.69	24.00
5	QPSK	1	12	22.55	22.84	22.42	24.00
5	QPSK	1	24	22.27	22.73	22.49	24.00
5	QPSK	12	0	22.50	22.91	22.58	24.00
5	QPSK	12	7	22.42	22.90	22.56	24.00
5	QPSK	12	13	22.57	22.76	22.50	24.00
5	QPSK	25	0	22.54	22.79	22.52	24.00
5	16QAM	1	0	22.48	22.84	22.51	24.00
5	16QAM	1	12	22.35	22.74	22.48	24.00
5	16QAM	1	24	22.48	22.76	22.51	24.00
5	16QAM	12	0	22.50	22.81	22.42	24.00
5	16QAM	12	7	22.36	22.84	22.60	24.00
5	16QAM	12	13	22.51	22.88	22.48	24.00
5	16QAM	25	0	22.33	22.78	22.48	24.00
5	64QAM	1	0	22.54	22.82	22.64	24.00
5	64QAM	1	12	22.51	22.84	22.48	24.00
5	64QAM	1	24	22.48	22.83	22.42	24.00
5	64QAM	12	0	21.30	21.75	21.34	23.00
5	64QAM	12	7	21.41	21.74	21.36	23.00
5	64QAM	12	13	21.65	21.93	21.59	23.00
5	64QAM	25	0	21.36	21.76	21.50	23.00
5	256QAM	1	0	19.51	19.74	19.55	21.00
5	256QAM	1	12	19.49	19.73	19.32	21.00
5	256QAM	1	24	19.01	19.01	19.01	21.00
5	256QAM	12	0	19.50	19.86	19.56	21.00
5	256QAM	12	7	19.45	19.71	19.49	21.00
5	256QAM	12	13	19.55	19.81	19.57	21.00
5	256QAM	25	0	19.38	19.71	19.48	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.68	22.89	22.58	24.00
3	QPSK	1	8	22.52	22.80	22.49	24.00
3	QPSK	1	14	22.32	22.67	22.43	24.00
3	QPSK	8	0	22.48	22.80	22.59	24.00
3	QPSK	8	4	22.43	22.81	22.53	24.00
3	QPSK	8	7	22.53	22.77	22.49	24.00
3	QPSK	15	0	22.50	22.80	22.48	24.00
3	16QAM	1	0	22.45	22.82	22.48	24.00
3	16QAM	1	8	22.34	22.80	22.50	24.00
3	16QAM	1	14	22.40	22.81	22.45	24.00
3	16QAM	8	0	22.48	22.78	22.51	24.00
3	16QAM	8	4	22.48	22.73	22.56	24.00
3	16QAM	8	7	22.58	22.81	22.55	24.00
3	16QAM	15	0	22.29	22.71	22.39	24.00
3	64QAM	1	0	22.52	22.80	22.59	24.00
3	64QAM	1	8	22.44	22.82	22.41	24.00
3	64QAM	1	14	22.49	22.87	22.54	24.00
3	64QAM	8	0	21.29	21.73	21.35	23.00
3	64QAM	8	4	21.49	21.78	21.43	23.00
3	64QAM	8	7	21.55	21.90	21.66	23.00
3	64QAM	15	0	21.38	21.64	21.45	23.00
3	256QAM	1	0	19.52	19.81	19.49	21.00
3	256QAM	1	8	19.40	19.76	19.43	21.00
3	256QAM	1	14	19.01	19.00	19.00	21.00
3	256QAM	8	0	19.55	19.87	19.53	21.00
3	256QAM	8	4	19.43	19.64	19.36	21.00
3	256QAM	8	7	19.50	19.80	19.51	21.00
3	256QAM	15	0	19.37	19.75	19.47	21.00



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Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.62	22.93	22.68	24.00
1.4	QPSK	1	3	22.47	22.87	22.41	24.00
1.4	QPSK	1	5	22.28	22.63	22.41	24.00
1.4	QPSK	3	0	22.45	22.84	22.58	24.00
1.4	QPSK	3	1	22.38	22.78	22.51	24.00
1.4	QPSK	3	3	22.54	22.89	22.42	24.00
1.4	QPSK	6	0	22.52	22.78	22.42	23.00
1.4	16QAM	1	0	22.49	22.75	22.47	23.00
1.4	16QAM	1	3	22.47	22.85	22.44	23.00
1.4	16QAM	1	5	22.45	22.72	22.40	23.00
1.4	16QAM	3	0	22.44	22.72	22.46	23.00
1.4	16QAM	3	1	22.36	22.77	22.50	23.00
1.4	16QAM	3	3	22.62	22.86	22.47	23.00
1.4	16QAM	6	0	22.00	22.00	21.99	22.00
1.4	64QAM	1	0	22.00	22.00	21.98	22.00
1.4	64QAM	1	3	21.99	22.00	22.00	22.00
1.4	64QAM	1	5	21.98	22.00	21.99	22.00
1.4	64QAM	3	0	21.28	21.69	21.40	22.00
1.4	64QAM	3	1	21.50	21.67	21.35	22.00
1.4	64QAM	3	3	21.61	21.90	21.61	22.00
1.4	64QAM	6	0	21.00	21.00	20.99	21.00
1.4	256QAM	1	0	19.00	18.98	19.00	19.00
1.4	256QAM	1	3	19.00	19.00	18.99	19.00
1.4	256QAM	1	5	18.93	18.87	18.96	19.00
1.4	256QAM	3	0	18.99	18.99	19.00	19.00
1.4	256QAM	3	1	18.99	19.00	19.00	19.00
1.4	256QAM	3	3	19.00	19.00	19.00	19.00
1.4	256QAM	6	0	19.00	18.99	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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.32	18.35	18.33	20.10
20	QPSK	1	49	18.24	18.20	18.19	20.10
20	QPSK	1	99	18.18	18.22	18.23	20.10
20	QPSK	50	0	18.25	18.27	18.26	20.10
20	QPSK	50	24	18.24	18.22	18.25	20.10
20	QPSK	50	50	18.23	18.24	18.23	20.10
20	QPSK	100	0	18.18	18.26	18.25	20.10
20	16QAM	1	0	18.21	18.21	18.25	20.10
20	16QAM	1	49	18.23	18.22	18.29	20.10
20	16QAM	1	99	18.28	18.24	18.23	20.10
20	16QAM	50	0	18.20	18.21	18.25	20.10
20	16QAM	50	24	18.21	18.26	18.18	20.10
20	16QAM	50	50	18.27	18.24	18.29	20.10
20	16QAM	100	0	18.23	18.22	18.24	20.10
20	64QAM	1	0	18.18	18.28	18.21	20.10
20	64QAM	1	49	18.27	18.23	18.19	20.10
20	64QAM	1	99	18.28	18.21	18.19	20.10
20	64QAM	50	0	18.22	18.25	18.26	20.10
20	64QAM	50	24	18.22	18.28	18.28	20.10
20	64QAM	50	50	18.18	18.25	18.21	20.10
20	64QAM	100	0	18.27	18.28	18.25	20.10
20	256QAM	1	0	18.23	18.25	18.28	20.10
20	256QAM	1	49	18.23	18.29	18.27	20.10
20	256QAM	1	99	18.18	18.24	18.19	20.10
20	256QAM	50	0	18.18	18.29	18.22	20.10
20	256QAM	50	24	18.23	18.24	18.22	20.10
20	256QAM	50	50	18.25	18.28	18.21	20.10
20	256QAM	100	0	18.23	18.22	18.21	20.10
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.18	18.20	18.29	20.10
15	QPSK	1	37	18.16	18.12	18.18	20.10
15	QPSK	1	74	18.10	18.21	18.16	20.10
15	QPSK	36	0	18.11	18.14	18.22	20.10
15	QPSK	36	20	18.16	18.23	18.13	20.10
15	QPSK	36	39	18.23	18.21	18.12	20.10
15	QPSK	75	0	18.14	18.21	18.14	20.10



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15	16QAM	1	0	18.20	18.14	18.16	20.10
15	16QAM	1	37	18.19	18.10	18.19	20.10
15	16QAM	1	74	18.23	18.16	18.18	20.10
15	16QAM	36	0	18.18	18.16	18.17	20.10
15	16QAM	36	20	18.16	18.23	18.15	20.10
15	16QAM	36	39	18.23	18.23	18.25	20.10
15	16QAM	75	0	18.22	18.14	18.21	20.10
15	64QAM	1	0	18.16	18.17	18.13	20.10
15	64QAM	1	37	18.14	18.13	18.20	20.10
15	64QAM	1	74	18.17	18.11	18.16	20.10
15	64QAM	36	0	18.13	18.15	18.14	20.10
15	64QAM	36	20	18.14	18.16	18.25	20.10
15	64QAM	36	39	18.21	18.19	18.16	20.10
15	64QAM	75	0	18.17	18.17	18.11	20.10
15	256QAM	1	0	18.23	18.20	18.18	20.10
15	256QAM	1	37	18.17	18.21	18.20	20.10
15	256QAM	1	74	18.12	18.10	18.19	20.10
15	256QAM	36	0	18.17	18.19	18.16	20.10
15	256QAM	36	20	18.20	18.14	18.15	20.10
15	256QAM	36	39	18.24	18.26	18.15	20.10
15	256QAM	75	0	18.21	18.14	18.20	20.10
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.22	18.30	18.28	20.10
10	QPSK	1	25	18.16	18.11	18.25	20.10
10	QPSK	1	49	18.20	18.14	18.19	20.10
10	QPSK	25	0	18.23	18.12	18.18	20.10
10	QPSK	25	12	18.19	18.11	18.16	20.10
10	QPSK	25	25	18.22	18.18	18.20	20.10
10	QPSK	50	0	18.14	18.14	18.19	20.10
10	16QAM	1	0	18.13	18.15	18.22	20.10
10	16QAM	1	25	18.17	18.10	18.27	20.10
10	16QAM	1	49	18.22	18.12	18.17	20.10
10	16QAM	25	0	18.20	18.10	18.12	20.10
10	16QAM	25	12	18.14	18.18	18.14	20.10
10	16QAM	25	25	18.13	18.15	18.25	20.10
10	16QAM	50	0	18.19	18.12	18.17	20.10
10	64QAM	1	0	18.17	18.14	18.16	20.10
10	64QAM	1	25	18.25	18.16	18.12	20.10
10	64QAM	1	49	18.14	18.11	18.19	20.10
10	64QAM	25	0	18.12	18.14	18.13	20.10
10	64QAM	25	12	18.20	18.20	18.21	20.10
10	64QAM	25	25	18.18	18.12	18.14	20.10
10	64QAM	50	0	18.14	18.23	18.14	20.10
10	256QAM	1	0	18.15	18.21	18.10	20.10
10	256QAM	1	25	18.18	18.26	18.17	20.10
10	256QAM	1	49	18.18	18.19	18.18	20.10
10	256QAM	25	0	18.14	18.26	18.22	20.10
10	256QAM	25	12	18.14	18.16	18.16	20.10
10	256QAM	25	25	18.22	18.26	18.11	20.10
10	256QAM	50	0	18.22	18.21	18.11	20.10
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.23	18.29	18.29	20.10
5	QPSK	1	12	18.17	18.18	18.19	20.10
5	QPSK	1	24	18.16	18.16	18.11	20.10
5	QPSK	12	0	18.18	18.25	18.25	20.10
5	QPSK	12	7	18.22	18.19	18.14	20.10
5	QPSK	12	13	18.15	18.15	18.17	20.10
5	QPSK	25	0	18.15	18.17	18.21	20.10
5	16QAM	1	0	18.16	18.11	18.13	20.10
5	16QAM	1	12	18.18	18.18	18.28	20.10
5	16QAM	1	24	18.18	18.10	18.19	20.10
5	16QAM	12	0	18.20	18.14	18.24	20.10
5	16QAM	12	7	18.12	18.19	18.19	20.10
5	16QAM	12	13	18.23	18.21	18.25	20.10
5	16QAM	25	0	18.20	18.13	18.22	20.10
5	64QAM	1	0	18.23	18.14	18.23	20.10
5	64QAM	1	12	18.20	18.19	18.20	20.10
5	64QAM	1	24	18.11	18.19	18.17	20.10
5	64QAM	12	0	18.11	18.16	18.21	20.10
5	64QAM	12	7	18.20	18.13	18.14	20.10
5	64QAM	12	13	18.20	18.19	18.15	20.10
5	64QAM	25	0	18.18	18.21	18.18	20.10
5	256QAM	1	0	18.17	18.19	18.19	20.10
5	256QAM	1	12	18.19	18.17	18.27	20.10
5	256QAM	1	24	18.22	18.23	18.20	20.10
5	256QAM	12	0	18.19	18.20	18.22	20.10



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5	256QAM	12	7	18.12	18.23	18.13	20.10
5	256QAM	12	13	18.20	18.16	18.24	20.10
5	256QAM	25	0	18.21	18.11	18.12	20.10
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.28	18.30	18.23	20.10
3	QPSK	1	8	18.18	18.16	18.12	20.10
3	QPSK	1	14	18.11	18.11	18.20	20.10
3	QPSK	8	0	18.22	18.21	18.18	20.10
3	QPSK	8	4	18.16	18.20	18.16	20.10
3	QPSK	8	7	18.13	18.13	18.11	20.10
3	QPSK	15	0	18.13	18.13	18.16	20.10
3	16QAM	1	0	18.13	18.17	18.20	20.10
3	16QAM	1	8	18.18	18.11	18.22	20.10
3	16QAM	1	14	18.13	18.13	18.21	20.10
3	16QAM	8	0	18.17	18.10	18.14	20.10
3	16QAM	8	4	18.17	18.19	18.17	20.10
3	16QAM	8	7	18.24	18.12	18.27	20.10
3	16QAM	15	0	18.20	18.18	18.18	20.10
3	64QAM	1	0	18.24	18.17	18.20	20.10
3	64QAM	1	8	18.14	18.18	18.11	20.10
3	64QAM	1	14	18.11	18.11	18.11	20.10
3	64QAM	8	0	18.12	18.12	18.11	20.10
3	64QAM	8	4	18.13	18.23	18.23	20.10
3	64QAM	8	7	18.21	18.13	18.12	20.10
3	64QAM	15	0	18.18	18.15	18.20	20.10
3	256QAM	1	0	18.13	18.13	18.15	20.10
3	256QAM	1	8	18.21	18.18	18.20	20.10
3	256QAM	1	14	18.12	18.17	18.15	20.10
3	256QAM	8	0	18.24	18.25	18.21	20.10
3	256QAM	8	4	18.11	18.17	18.19	20.10
3	256QAM	8	7	18.24	18.24	18.24	20.10
3	256QAM	15	0	18.18	18.16	18.15	20.10
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.24	18.21	18.23	20.10
1.4	QPSK	1	3	18.11	18.17	18.12	20.10
1.4	QPSK	1	5	18.23	18.13	18.11	20.10
1.4	QPSK	3	0	18.22	18.15	18.14	20.10
1.4	QPSK	3	1	18.19	18.17	18.11	20.10
1.4	QPSK	3	3	18.14	18.13	18.18	20.10
1.4	QPSK	6	0	18.11	18.15	18.21	20.10
1.4	16QAM	1	0	18.13	18.19	18.13	20.10
1.4	16QAM	1	3	18.20	18.17	18.15	20.10
1.4	16QAM	1	5	18.15	18.16	18.11	20.10
1.4	16QAM	3	0	18.24	18.10	18.12	20.10
1.4	16QAM	3	1	18.12	18.16	18.16	20.10
1.4	16QAM	3	3	18.24	18.16	18.20	20.10
1.4	16QAM	6	0	18.21	18.12	18.11	20.10
1.4	64QAM	1	0	18.18	18.25	18.25	20.10
1.4	64QAM	1	3	18.21	18.20	18.24	20.10
1.4	64QAM	1	5	18.11	18.16	18.11	20.10
1.4	64QAM	3	0	18.23	18.11	18.15	20.10
1.4	64QAM	3	1	18.24	18.26	18.25	20.10
1.4	64QAM	3	3	18.14	18.21	18.11	20.10
1.4	64QAM	6	0	18.12	18.24	18.22	20.10
1.4	256QAM	1	0	17.13	17.13	17.06	19.00
1.4	256QAM	1	3	17.11	17.05	17.11	19.00
1.4	256QAM	1	5	17.12	17.03	17.09	19.00
1.4	256QAM	3	0	17.11	17.13	17.03	19.00
1.4	256QAM	3	1	17.06	17.05	17.06	19.00
1.4	256QAM	3	3	17.13	17.04	17.12	19.00
1.4	256QAM	6	0	17.09	17.09	17.07	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.01	23.05	23.00	23.60
20	QPSK	1	49	22.56	22.69	22.52	23.60
20	QPSK	1	99	22.39	22.66	22.51	23.60
20	QPSK	50	0	22.93	22.94	22.91	23.60



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20	QPSK	50	24	22.52	22.71	22.65	23.60
20	QPSK	50	50	22.62	22.70	22.53	23.60
20	QPSK	100	0	22.57	22.89	22.55	23.60
20	16QAM	1	0	22.53	22.88	22.53	23.60
20	16QAM	1	49	22.49	22.89	22.55	23.60
20	16QAM	1	99	22.53	22.85	22.54	23.60
20	16QAM	50	0	22.56	22.87	22.53	23.60
20	16QAM	50	24	22.50	22.88	22.62	23.60
20	16QAM	50	50	22.65	22.92	22.62	23.60
20	16QAM	100	0	22.40	22.79	22.52	23.60
20	64QAM	1	0	22.60	22.89	22.65	23.60
20	64QAM	1	49	22.54	22.87	22.56	23.60
20	64QAM	1	99	22.55	22.90	22.56	23.60
20	64QAM	50	0	22.29	22.34	22.35	23.00
20	64QAM	50	24	22.29	22.35	22.37	23.00
20	64QAM	50	50	22.35	22.35	22.28	23.00
20	64QAM	100	0	22.28	22.35	22.35	23.00
20	256QAM	1	0	20.32	20.39	20.35	21.00
20	256QAM	1	49	20.26	20.38	20.31	21.00
20	256QAM	1	99	20.27	20.39	20.28	21.00
20	256QAM	50	0	20.31	20.35	20.32	21.00
20	256QAM	50	24	20.31	20.37	20.30	21.00
20	256QAM	50	50	20.28	20.30	20.34	21.00
20	256QAM	100	0	20.31	20.34	20.36	21.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	22.81	22.92	22.80	23.60
15	QPSK	1	37	22.43	22.62	22.51	23.60
15	QPSK	1	74	22.28	22.65	22.48	23.60
15	QPSK	36	0	22.85	22.79	22.89	23.60
15	QPSK	36	20	22.39	22.58	22.57	23.60
15	QPSK	36	39	22.55	22.56	22.42	23.60
15	QPSK	75	0	22.43	22.75	22.46	23.60
15	16QAM	1	0	22.41	22.83	22.43	23.60
15	16QAM	1	37	22.42	22.77	22.51	23.60
15	16QAM	1	74	22.50	22.83	22.48	23.60
15	16QAM	36	0	22.55	22.79	22.41	23.60
15	16QAM	36	20	22.36	22.77	22.49	23.60
15	16QAM	36	39	22.58	22.91	22.49	23.60
15	16QAM	75	0	22.27	22.67	22.50	23.60
15	64QAM	1	0	22.51	22.77	22.59	23.60
15	64QAM	1	37	22.46	22.73	22.50	23.60
15	64QAM	1	74	22.49	22.82	22.42	23.60
15	64QAM	36	0	21.66	21.61	21.73	23.00
15	64QAM	36	20	21.67	21.69	21.65	23.00
15	64QAM	36	39	21.63	21.71	21.62	23.00
15	64QAM	75	0	21.59	21.61	21.60	23.00
15	256QAM	1	0	19.13	19.07	19.15	21.00
15	256QAM	1	37	19.03	19.14	19.14	21.00
15	256QAM	1	74	19.02	19.10	19.06	21.00
15	256QAM	36	0	19.10	19.10	19.12	21.00
15	256QAM	36	20	19.01	19.10	19.11	21.00
15	256QAM	36	39	19.07	19.07	19.05	21.00
15	256QAM	75	0	19.04	19.01	19.02	21.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.76	22.89	22.84	23.60
10	QPSK	1	25	22.46	22.65	22.49	23.60
10	QPSK	1	49	22.25	22.55	22.48	23.60
10	QPSK	25	0	22.90	22.92	22.88	23.60
10	QPSK	25	12	22.39	22.60	22.60	23.60
10	QPSK	25	25	22.50	22.66	22.50	23.60
10	QPSK	50	0	22.48	22.78	22.54	23.60
10	16QAM	1	0	22.46	22.74	22.39	23.60
10	16QAM	1	25	22.35	22.79	22.46	23.60
10	16QAM	1	49	22.45	22.81	22.46	23.60
10	16QAM	25	0	22.46	22.81	22.44	23.60
10	16QAM	25	12	22.42	22.81	22.48	23.60
10	16QAM	25	25	22.57	22.80	22.52	23.60
10	16QAM	50	0	22.33	22.77	22.44	23.60
10	64QAM	1	0	22.53	22.82	22.54	23.60
10	64QAM	1	25	22.47	22.82	22.49	23.60
10	64QAM	1	49	22.43	22.85	22.54	23.60
10	64QAM	25	0	21.65	21.61	21.63	23.00
10	64QAM	25	12	21.64	21.70	21.75	23.00
10	64QAM	25	25	21.62	21.69	21.54	23.00
10	64QAM	50	0	21.63	21.63	21.70	23.00
10	256QAM	1	0	19.09	19.14	19.13	21.00



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10	256QAM	1	25	19.12	19.09	19.14	21.00
10	256QAM	1	49	19.05	19.01	19.15	21.00
10	256QAM	25	0	19.02	19.09	19.15	21.00
10	256QAM	25	12	19.04	19.06	19.09	21.00
10	256QAM	25	25	19.04	19.13	19.06	21.00
10	256QAM	50	0	19.01	19.07	19.09	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.80	22.84	22.88	23.60
5	QPSK	1	12	22.44	22.58	22.41	23.60
5	QPSK	1	24	22.36	22.62	22.48	23.60
5	QPSK	12	0	22.86	22.83	22.78	23.60
5	QPSK	12	7	22.50	22.57	22.64	23.60
5	QPSK	12	13	22.53	22.60	22.43	23.60
5	QPSK	25	0	22.51	22.78	22.50	23.60
5	16QAM	1	0	22.45	22.85	22.52	23.60
5	16QAM	1	12	22.37	22.82	22.47	23.60
5	16QAM	1	24	22.39	22.81	22.42	23.60
5	16QAM	12	0	22.42	22.80	22.39	23.60
5	16QAM	12	7	22.46	22.73	22.51	23.60
5	16QAM	12	13	22.56	22.87	22.50	23.60
5	16QAM	25	0	22.33	22.74	22.43	23.60
5	64QAM	1	0	22.51	22.86	22.62	23.60
5	64QAM	1	12	22.50	22.80	22.41	23.60
5	64QAM	1	24	22.51	22.81	22.51	23.60
5	64QAM	12	0	21.65	21.64	21.72	23.00
5	64QAM	12	7	21.65	21.70	21.65	23.00
5	64QAM	12	13	21.61	21.67	21.61	23.00
5	64QAM	25	0	21.63	21.70	21.66	23.00
5	256QAM	1	0	19.10	19.10	19.12	21.00
5	256QAM	1	12	19.04	19.09	19.14	21.00
5	256QAM	1	24	19.12	19.14	19.09	21.00
5	256QAM	12	0	19.07	19.02	19.08	21.00
5	256QAM	12	7	19.02	19.04	19.04	21.00
5	256QAM	12	13	19.07	19.02	19.04	21.00
5	256QAM	25	0	19.08	19.04	19.11	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.78	22.88	22.85	23.60
3	QPSK	1	8	22.46	22.60	22.43	23.60
3	QPSK	1	14	22.27	22.51	22.37	23.60
3	QPSK	8	0	22.83	22.84	22.84	23.60
3	QPSK	8	4	22.47	22.67	22.58	23.60
3	QPSK	8	7	22.59	22.56	22.50	23.60
3	QPSK	15	0	22.46	22.82	22.42	23.60
3	16QAM	1	0	22.49	22.75	22.48	23.60
3	16QAM	1	8	22.41	22.80	22.53	23.60
3	16QAM	1	14	22.39	22.79	22.45	23.60
3	16QAM	8	0	22.42	22.77	22.49	23.60
3	16QAM	8	4	22.38	22.76	22.57	23.60
3	16QAM	8	7	22.62	22.90	22.58	23.60
3	16QAM	15	0	22.31	22.71	22.49	23.60
3	64QAM	1	0	22.55	22.78	22.59	23.60
3	64QAM	1	8	22.49	22.75	22.45	23.60
3	64QAM	1	14	22.43	22.82	22.53	23.60
3	64QAM	8	0	21.62	21.69	21.60	23.00
3	64QAM	8	4	21.62	21.68	21.62	23.00
3	64QAM	8	7	21.67	21.70	21.66	23.00
3	64QAM	15	0	21.60	21.64	21.66	23.00
3	256QAM	1	0	19.05	19.08	19.12	21.00
3	256QAM	1	8	19.04	19.09	19.01	21.00
3	256QAM	1	14	19.14	19.05	19.01	21.00
3	256QAM	8	0	19.10	19.09	19.12	21.00
3	256QAM	8	4	19.05	19.02	19.11	21.00
3	256QAM	8	7	19.11	19.12	19.01	21.00
3	256QAM	15	0	19.09	19.05	19.06	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.77	22.83	22.79	23.60
1.4	QPSK	1	3	22.49	22.63	22.50	23.60
1.4	QPSK	1	5	22.26	22.54	22.41	23.60
1.4	QPSK	3	0	22.92	22.92	22.85	23.60
1.4	QPSK	3	1	22.41	22.61	22.53	23.60
1.4	QPSK	3	3	22.53	22.68	22.51	23.60
1.4	QPSK	6	0	21.92	22.26	21.83	23.00
1.4	16QAM	1	0	21.79	22.25	21.82	23.00
1.4	16QAM	1	3	21.77	22.17	21.90	23.00
1.4	16QAM	1	5	21.88	22.19	21.85	23.00



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1.4	16QAM	3	0	21.92	22.20	21.88	23.00
1.4	16QAM	3	1	21.76	22.15	22.00	23.00
1.4	16QAM	3	3	22.03	22.28	21.94	23.00
1.4	16QAM	6	0	20.70	21.10	20.82	22.00
1.4	64QAM	1	0	20.98	21.17	20.95	22.00
1.4	64QAM	1	3	20.90	21.23	20.83	22.00
1.4	64QAM	1	5	20.86	21.17	20.85	22.00
1.4	64QAM	3	0	20.55	20.73	20.65	22.00
1.4	64QAM	3	1	20.68	20.72	20.72	22.00
1.4	64QAM	3	3	20.66	20.65	20.54	22.00
1.4	64QAM	6	0	19.54	19.70	19.67	21.00
1.4	256QAM	1	0	17.04	17.05	17.09	19.00
1.4	256QAM	1	3	17.01	17.01	17.07	19.00
1.4	256QAM	1	5	17.12	17.07	17.11	19.00
1.4	256QAM	3	0	17.14	17.04	17.09	19.00
1.4	256QAM	3	1	17.10	17.11	17.12	19.00
1.4	256QAM	3	3	17.01	17.03	17.11	19.00
1.4	256QAM	6	0	17.00	17.04	17.09	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.23	19.25	19.22	20.20
20	QPSK	1	49	19.18	19.17	19.16	20.20
20	QPSK	1	99	19.13	19.12	19.16	20.20
20	QPSK	50	0	19.20	19.21	19.18	20.20
20	QPSK	50	24	19.11	19.13	19.07	20.20
20	QPSK	50	50	19.09	19.16	19.12	20.20
20	QPSK	100	0	19.11	19.18	19.16	20.20
20	16QAM	1	0	19.16	19.11	19.10	20.20
20	16QAM	1	49	19.18	19.18	19.11	20.20
20	16QAM	1	99	19.09	19.18	19.11	20.20
20	16QAM	50	0	19.08	19.20	19.12	20.20
20	16QAM	50	24	19.10	19.21	19.11	20.20
20	16QAM	50	50	19.16	19.16	19.17	20.20
20	16QAM	100	0	19.11	19.16	19.12	20.20
20	64QAM	1	0	19.14	19.15	19.07	20.20
20	64QAM	1	49	19.12	19.16	19.17	20.20
20	64QAM	1	99	19.09	19.16	19.16	20.20
20	64QAM	50	0	19.17	19.11	19.15	20.20
20	64QAM	50	24	19.17	19.14	19.12	20.20
20	64QAM	50	50	19.18	19.16	19.13	20.20
20	64QAM	100	0	19.08	19.11	19.08	20.20
20	256QAM	1	0	19.11	19.14	19.10	20.20
20	256QAM	1	49	19.13	19.10	19.15	20.20
20	256QAM	1	99	19.13	19.17	19.10	20.20
20	256QAM	50	0	19.11	19.15	19.12	20.20
20	256QAM	50	24	19.13	19.12	19.16	20.20
20	256QAM	50	50	19.18	19.12	19.13	20.20
20	256QAM	100	0	19.14	19.12	19.09	20.20
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.21	19.22	19.11	20.20
15	QPSK	1	37	19.07	19.15	19.05	20.20
15	QPSK	1	74	19.12	19.01	19.06	20.20
15	QPSK	36	0	19.08	19.15	19.04	20.20
15	QPSK	36	20	19.02	19.07	18.97	20.20
15	QPSK	36	39	19.05	19.10	19.05	20.20
15	QPSK	75	0	18.98	19.07	19.06	20.20
15	16QAM	1	0	19.07	19.01	19.07	20.20
15	16QAM	1	37	19.11	19.17	18.97	20.20
15	16QAM	1	74	18.95	19.04	19.08	20.20
15	16QAM	36	0	19.06	19.07	19.04	20.20
15	16QAM	36	20	19.05	19.10	18.97	20.20
15	16QAM	36	39	19.03	19.02	19.05	20.20
15	16QAM	75	0	19.08	19.02	19.10	20.20
15	64QAM	1	0	19.05	19.02	18.97	20.20
15	64QAM	1	37	19.04	19.10	19.07	20.20
15	64QAM	1	74	18.94	19.05	19.01	20.20
15	64QAM	36	0	19.09	19.07	19.09	20.20
15	64QAM	36	20	19.04	19.05	19.07	20.20



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15	64QAM	36	39	19.14	19.14	19.00	20.20
15	64QAM	75	0	19.03	19.04	18.98	20.20
15	256QAM	1	0	18.98	19.12	18.96	20.20
15	256QAM	1	37	19.12	18.98	19.08	20.20
15	256QAM	1	74	19.03	19.08	19.06	20.20
15	256QAM	36	0	19.06	19.05	19.10	20.20
15	256QAM	36	20	19.10	19.02	19.07	20.20
15	256QAM	36	39	19.16	19.07	19.05	20.20
15	256QAM	75	0	19.01	19.09	19.02	20.20
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.18	19.13	19.11	20.20
10	QPSK	1	25	19.07	19.13	19.03	20.20
10	QPSK	1	49	18.98	19.05	19.05	20.20
10	QPSK	25	0	19.11	19.14	19.17	20.20
10	QPSK	25	12	19.06	19.02	19.00	20.20
10	QPSK	25	25	18.99	19.14	19.06	20.20
10	QPSK	50	0	18.97	19.13	19.14	20.20
10	16QAM	1	0	19.07	18.99	18.97	20.20
10	16QAM	1	25	19.08	19.11	19.07	20.20
10	16QAM	1	49	18.95	19.07	19.09	20.20
10	16QAM	25	0	19.02	19.07	19.03	20.20
10	16QAM	25	12	19.04	19.06	19.03	20.20
10	16QAM	25	25	19.11	19.11	19.15	20.20
10	16QAM	50	0	19.04	19.07	19.11	20.20
10	64QAM	1	0	19.06	19.10	19.03	20.20
10	64QAM	1	25	19.09	19.08	19.05	20.20
10	64QAM	1	49	18.96	19.06	19.11	20.20
10	64QAM	25	0	19.14	19.03	19.12	20.20
10	64QAM	25	12	19.02	19.06	19.04	20.20
10	64QAM	25	25	19.06	19.12	19.11	20.20
10	64QAM	50	0	18.97	19.03	18.93	20.20
10	256QAM	1	0	19.00	19.06	19.08	20.20
10	256QAM	1	25	19.03	18.97	19.03	20.20
10	256QAM	1	49	19.10	19.11	18.98	20.20
10	256QAM	25	0	19.01	19.08	18.98	20.20
10	256QAM	25	12	19.00	19.02	19.15	20.20
10	256QAM	25	25	19.07	19.00	19.02	20.20
10	256QAM	50	0	19.06	19.01	19.08	20.20
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.14	19.12	19.20	20.20
5	QPSK	1	12	19.08	19.11	19.06	20.20
5	QPSK	1	24	19.01	18.98	19.08	20.20
5	QPSK	12	0	19.06	19.11	19.17	20.20
5	QPSK	12	7	19.00	19.07	19.02	20.20
5	QPSK	12	13	18.94	19.04	19.11	20.20
5	QPSK	25	0	19.09	19.10	19.06	20.20
5	16QAM	1	0	19.10	18.96	19.04	20.20
5	16QAM	1	12	19.11	19.11	19.09	20.20
5	16QAM	1	24	19.00	19.12	19.09	20.20
5	16QAM	12	0	18.97	19.05	19.09	20.20
5	16QAM	12	7	18.99	19.12	19.02	20.20
5	16QAM	12	13	19.15	19.03	19.09	20.20
5	16QAM	25	0	19.04	19.04	18.99	20.20
5	64QAM	1	0	19.13	19.12	18.95	20.20
5	64QAM	1	12	19.03	19.07	19.14	20.20
5	64QAM	1	24	19.03	19.07	19.13	20.20
5	64QAM	12	0	19.05	19.05	19.01	20.20
5	64QAM	12	7	19.15	19.07	19.09	20.20
5	64QAM	12	13	19.16	19.10	19.08	20.20
5	64QAM	25	0	18.97	18.96	18.98	20.20
5	256QAM	1	0	19.03	19.01	19.06	20.20
5	256QAM	1	12	18.98	18.98	19.01	20.20
5	256QAM	1	24	19.01	19.14	19.00	20.20
5	256QAM	12	0	19.06	19.04	19.04	20.20
5	256QAM	12	7	19.11	19.04	19.04	20.20
5	256QAM	12	13	19.07	19.09	19.06	20.20
5	256QAM	25	0	19.02	19.07	19.02	20.20
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.19	19.16	19.15	20.20
3	QPSK	1	8	19.08	19.11	19.03	20.20
3	QPSK	1	14	19.05	19.08	19.04	20.20
3	QPSK	8	0	19.05	19.19	19.16	20.20
3	QPSK	8	4	19.02	19.09	18.99	20.20
3	QPSK	8	7	19.05	19.02	19.02	20.20
3	QPSK	15	0	19.07	19.12	19.03	20.20



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3	16QAM	1	0	19.02	18.96	19.04	20.20
3	16QAM	1	8	19.13	19.04	19.07	20.20
3	16QAM	1	14	18.99	19.13	19.08	20.20
3	16QAM	8	0	18.93	19.08	19.09	20.20
3	16QAM	8	4	18.96	19.18	19.04	20.20
3	16QAM	8	7	19.02	19.06	19.10	20.20
3	16QAM	15	0	19.00	19.05	19.02	20.20
3	64QAM	1	0	19.10	19.01	18.95	20.20
3	64QAM	1	8	18.97	19.02	19.04	20.20
3	64QAM	1	14	18.99	19.13	19.11	20.20
3	64QAM	8	0	19.09	19.02	19.08	20.20
3	64QAM	8	4	19.07	19.04	19.08	20.20
3	64QAM	8	7	19.12	19.15	18.99	20.20
3	64QAM	15	0	19.00	18.96	19.00	20.20
3	256QAM	1	0	18.97	19.12	18.96	20.20
3	256QAM	1	8	18.99	18.99	19.01	20.20
3	256QAM	1	14	19.02	19.13	19.02	20.20
3	256QAM	8	0	19.01	19.03	19.01	20.20
3	256QAM	8	4	19.11	19.11	19.02	20.20
3	256QAM	8	7	19.09	19.07	19.03	20.20
3	256QAM	15	0	19.12	19.09	19.03	20.20
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.14	19.19	19.10	20.20
1.4	QPSK	1	3	19.13	19.14	19.03	20.20
1.4	QPSK	1	5	18.99	18.98	19.01	20.20
1.4	QPSK	3	0	19.07	19.08	19.06	20.20
1.4	QPSK	3	1	18.96	19.00	18.92	20.20
1.4	QPSK	3	3	18.95	19.03	19.07	20.20
1.4	QPSK	6	0	19.06	19.04	19.09	20.20
1.4	16QAM	1	0	19.08	18.98	18.96	20.20
1.4	16QAM	1	3	19.17	19.10	18.97	20.20
1.4	16QAM	1	5	19.02	19.08	19.05	20.20
1.4	16QAM	3	0	18.95	19.17	19.02	20.20
1.4	16QAM	3	1	19.09	19.12	19.02	20.20
1.4	16QAM	3	3	19.05	19.12	19.05	20.20
1.4	16QAM	6	0	19.01	19.04	18.97	20.20
1.4	64QAM	1	0	19.07	19.14	19.00	20.20
1.4	64QAM	1	3	18.98	19.01	19.11	20.20
1.4	64QAM	1	5	19.03	19.15	19.09	20.20
1.4	64QAM	3	0	19.04	19.02	19.11	20.20
1.4	64QAM	3	1	19.10	19.00	19.01	20.20
1.4	64QAM	3	3	19.14	19.13	18.99	20.20
1.4	64QAM	6	0	18.97	19.08	18.94	20.20
1.4	256QAM	1	0	17.78	17.91	17.80	19.00
1.4	256QAM	1	3	17.91	17.78	17.82	19.00
1.4	256QAM	1	5	17.83	17.89	17.88	19.00
1.4	256QAM	3	0	17.88	17.85	17.81	19.00
1.4	256QAM	3	1	17.86	17.83	17.85	19.00
1.4	256QAM	3	3	17.87	17.84	17.81	19.00
1.4	256QAM	6	0	17.82	17.87	17.78	19.00

【LTE Band 66_Ant 3_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.99	19.00	18.98	20.50
20	QPSK	1	49	18.86	18.88	18.93	20.50
20	QPSK	1	99	18.92	18.93	18.90	20.50
20	QPSK	50	0	18.93	18.94	18.92	20.50
20	QPSK	50	24	18.90	18.88	18.90	20.50
20	QPSK	50	50	18.87	18.85	18.90	20.50
20	QPSK	100	0	18.90	18.93	18.83	20.50
20	16QAM	1	0	18.86	18.88	18.83	20.50
20	16QAM	1	49	18.90	18.88	18.91	20.50
20	16QAM	1	99	18.85	18.89	18.92	20.50
20	16QAM	50	0	18.86	18.91	18.85	20.50
20	16QAM	50	24	18.89	18.90	18.92	20.50
20	16QAM	50	50	18.91	18.92	18.87	20.50
20	16QAM	100	0	18.88	18.91	18.84	20.50
20	64QAM	1	0	18.92	18.92	18.85	20.50
20	64QAM	1	49	18.89	18.90	18.92	20.50



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20	64QAM	1	99	18.91	18.90	18.91	20.50
20	64QAM	50	0	18.89	18.88	18.91	20.50
20	64QAM	50	24	18.94	18.90	18.90	20.50
20	64QAM	50	50	18.91	18.86	18.86	20.50
20	64QAM	100	0	18.92	18.91	18.90	20.50
20	256QAM	1	0	18.87	18.90	18.91	20.50
20	256QAM	1	49	18.93	18.90	18.90	20.50
20	256QAM	1	99	18.84	18.91	18.85	20.50
20	256QAM	50	0	18.89	18.85	18.86	20.50
20	256QAM	50	24	18.87	18.86	18.84	20.50
20	256QAM	50	50	18.87	18.87	18.92	20.50
20	256QAM	100	0	18.91	18.89	18.93	20.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.93	18.86	18.97	20.50
15	QPSK	1	37	18.76	18.83	18.88	20.50
15	QPSK	1	74	18.85	18.85	18.82	20.50
15	QPSK	36	0	18.88	18.92	18.82	20.50
15	QPSK	36	20	18.79	18.75	18.81	20.50
15	QPSK	36	39	18.83	18.74	18.89	20.50
15	QPSK	75	0	18.82	18.83	18.72	20.50
15	16QAM	1	0	18.77	18.86	18.76	20.50
15	16QAM	1	37	18.79	18.85	18.83	20.50
15	16QAM	1	74	18.82	18.75	18.78	20.50
15	16QAM	36	0	18.78	18.77	18.74	20.50
15	16QAM	36	20	18.80	18.77	18.81	20.50
15	16QAM	36	39	18.89	18.83	18.75	20.50
15	16QAM	75	0	18.77	18.87	18.71	20.50
15	64QAM	1	0	18.90	18.81	18.79	20.50
15	64QAM	1	37	18.86	18.77	18.87	20.50
15	64QAM	1	74	18.89	18.81	18.76	20.50
15	64QAM	36	0	18.83	18.79	18.81	20.50
15	64QAM	36	20	18.90	18.83	18.87	20.50
15	64QAM	36	39	18.77	18.71	18.75	20.50
15	64QAM	75	0	18.84	18.84	18.87	20.50
15	256QAM	1	0	18.81	18.82	18.77	20.50
15	256QAM	1	37	18.87	18.84	18.79	20.50
15	256QAM	1	74	18.77	18.83	18.73	20.50
15	256QAM	36	0	18.83	18.71	18.83	20.50
15	256QAM	36	20	18.77	18.74	18.75	20.50
15	256QAM	36	39	18.84	18.77	18.90	20.50
15	256QAM	75	0	18.79	18.79	18.78	20.50
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.90	18.94	18.96	20.50
10	QPSK	1	25	18.73	18.78	18.88	20.50
10	QPSK	1	49	18.83	18.82	18.76	20.50
10	QPSK	25	0	18.92	18.90	18.79	20.50
10	QPSK	25	12	18.79	18.81	18.86	20.50
10	QPSK	25	25	18.77	18.80	18.80	20.50
10	QPSK	50	0	18.81	18.79	18.73	20.50
10	16QAM	1	0	18.81	18.80	18.72	20.50
10	16QAM	1	25	18.87	18.86	18.78	20.50
10	16QAM	1	49	18.76	18.77	18.87	20.50
10	16QAM	25	0	18.73	18.84	18.73	20.50
10	16QAM	25	12	18.84	18.88	18.90	20.50
10	16QAM	25	25	18.82	18.91	18.80	20.50
10	16QAM	50	0	18.77	18.84	18.77	20.50
10	64QAM	1	0	18.88	18.79	18.75	20.50
10	64QAM	1	25	18.77	18.75	18.84	20.50
10	64QAM	1	49	18.88	18.81	18.77	20.50
10	64QAM	25	0	18.84	18.81	18.79	20.50
10	64QAM	25	12	18.91	18.85	18.79	20.50
10	64QAM	25	25	18.77	18.77	18.71	20.50
10	64QAM	50	0	18.82	18.87	18.87	20.50
10	256QAM	1	0	18.84	18.81	18.84	20.50
10	256QAM	1	25	18.80	18.78	18.89	20.50
10	256QAM	1	49	18.78	18.80	18.83	20.50
10	256QAM	25	0	18.77	18.71	18.82	20.50
10	256QAM	25	12	18.74	18.78	18.78	20.50
10	256QAM	25	25	18.78	18.72	18.89	20.50
10	256QAM	50	0	18.82	18.77	18.88	20.50
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.91	18.98	18.95	20.50
5	QPSK	1	12	18.82	18.74	18.84	20.50
5	QPSK	1	24	18.89	18.89	18.85	20.50
5	QPSK	12	0	18.84	18.80	18.83	20.50



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5	QPSK	12	7	18.82	18.86	18.88	20.50
5	QPSK	12	13	18.81	18.84	18.84	20.50
5	QPSK	25	0	18.77	18.81	18.80	20.50
5	16QAM	1	0	18.71	18.79	18.74	20.50
5	16QAM	1	12	18.77	18.85	18.85	20.50
5	16QAM	1	24	18.84	18.83	18.85	20.50
5	16QAM	12	0	18.78	18.80	18.82	20.50
5	16QAM	12	7	18.82	18.79	18.80	20.50
5	16QAM	12	13	18.87	18.89	18.74	20.50
5	16QAM	25	0	18.83	18.80	18.70	20.50
5	64QAM	1	0	18.80	18.83	18.76	20.50
5	64QAM	1	12	18.82	18.80	18.86	20.50
5	64QAM	1	24	18.87	18.76	18.79	20.50
5	64QAM	12	0	18.79	18.83	18.90	20.50
5	64QAM	12	7	18.84	18.78	18.82	20.50
5	64QAM	12	13	18.83	18.83	18.78	20.50
5	64QAM	25	0	18.78	18.89	18.84	20.50
5	256QAM	1	0	18.82	18.75	18.85	20.50
5	256QAM	1	12	18.89	18.77	18.79	20.50
5	256QAM	1	24	18.77	18.87	18.81	20.50
5	256QAM	12	0	18.83	18.82	18.71	20.50
5	256QAM	12	7	18.83	18.73	18.75	20.50
5	256QAM	12	13	18.79	18.82	18.88	20.50
5	256QAM	25	0	18.86	18.78	18.82	20.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.88	18.95	18.95	20.50
3	QPSK	1	8	18.73	18.76	18.83	20.50
3	QPSK	1	14	18.83	18.87	18.89	20.50
3	QPSK	8	0	18.82	18.83	18.80	20.50
3	QPSK	8	4	18.85	18.76	18.77	20.50
3	QPSK	8	7	18.74	18.75	18.85	20.50
3	QPSK	15	0	18.79	18.79	18.71	20.50
3	16QAM	1	0	18.78	18.85	18.75	20.50
3	16QAM	1	8	18.77	18.81	18.89	20.50
3	16QAM	1	14	18.76	18.87	18.79	20.50
3	16QAM	8	0	18.83	18.89	18.80	20.50
3	16QAM	8	4	18.86	18.79	18.84	20.50
3	16QAM	8	7	18.78	18.87	18.84	20.50
3	16QAM	15	0	18.85	18.80	18.72	20.50
3	64QAM	1	0	18.79	18.80	18.83	20.50
3	64QAM	1	8	18.86	18.80	18.81	20.50
3	64QAM	1	14	18.85	18.85	18.82	20.50
3	64QAM	8	0	18.87	18.81	18.88	20.50
3	64QAM	8	4	18.87	18.81	18.84	20.50
3	64QAM	8	7	18.85	18.81	18.81	20.50
3	64QAM	15	0	18.83	18.78	18.76	20.50
3	256QAM	1	0	18.82	18.75	18.81	20.50
3	256QAM	1	8	18.84	18.87	18.77	20.50
3	256QAM	1	14	18.83	18.81	18.71	20.50
3	256QAM	8	0	18.78	18.82	18.78	20.50
3	256QAM	8	4	18.76	18.78	18.76	20.50
3	256QAM	8	7	18.78	18.80	18.83	20.50
3	256QAM	15	0	18.90	18.76	18.83	20.50
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.88	18.97	18.97	20.50
1.4	QPSK	1	3	18.75	18.82	18.86	20.50
1.4	QPSK	1	5	18.85	18.87	18.80	20.50
1.4	QPSK	3	0	18.82	18.86	18.85	20.50
1.4	QPSK	3	1	18.82	18.80	18.87	20.50
1.4	QPSK	3	3	18.74	18.74	18.86	20.50
1.4	QPSK	6	0	18.87	18.87	18.68	20.50
1.4	16QAM	1	0	18.77	18.84	18.73	20.50
1.4	16QAM	1	3	18.86	18.78	18.88	20.50
1.4	16QAM	1	5	18.73	18.86	18.88	20.50
1.4	16QAM	3	0	18.74	18.82	18.82	20.50
1.4	16QAM	3	1	18.84	18.80	18.90	20.50
1.4	16QAM	3	3	18.82	18.80	18.75	20.50
1.4	16QAM	6	0	18.74	18.80	18.81	20.50
1.4	64QAM	1	0	18.89	18.88	18.77	20.50
1.4	64QAM	1	3	18.82	18.88	18.87	20.50
1.4	64QAM	1	5	18.80	18.79	18.85	20.50
1.4	64QAM	3	0	18.84	18.77	18.89	20.50
1.4	64QAM	3	1	18.79	18.83	18.75	20.50
1.4	64QAM	3	3	18.90	18.80	18.75	20.50
1.4	64QAM	6	0	18.79	18.89	18.80	20.50
1.4	256QAM	1	0	17.30	17.34	17.34	19.00



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1.4	256QAM	1	3	17.34	17.31	17.32	19.00
1.4	256QAM	1	5	17.30	17.32	17.30	19.00
1.4	256QAM	3	0	17.35	17.29	17.31	19.00
1.4	256QAM	3	1	17.28	17.25	17.26	19.00
1.4	256QAM	3	3	17.35	17.27	17.30	19.00
1.4	256QAM	6	0	17.30	17.32	17.30	19.00

【LTE Band 66_Ant 3_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.65	21.67	21.64	22.00
20	QPSK	1	49	21.61	21.58	21.57	22.00
20	QPSK	1	99	21.55	21.56	21.50	22.00
20	QPSK	50	0	21.59	21.60	21.60	22.00
20	QPSK	50	24	21.55	21.54	21.59	22.00
20	QPSK	50	50	21.56	21.58	21.55	22.00
20	QPSK	100	0	21.55	21.57	21.56	22.00
20	16QAM	1	0	21.54	21.56	21.49	22.00
20	16QAM	1	49	21.59	21.60	21.51	22.00
20	16QAM	1	99	21.53	21.53	21.49	22.00
20	16QAM	50	0	21.51	21.55	21.58	22.00
20	16QAM	50	24	21.55	21.54	21.52	22.00
20	16QAM	50	50	21.56	21.62	21.54	22.00
20	16QAM	100	0	21.60	21.54	21.59	22.00
20	64QAM	1	0	21.54	21.63	21.58	22.00
20	64QAM	1	49	21.54	21.53	21.57	22.00
20	64QAM	1	99	21.51	21.58	21.54	22.00
20	64QAM	50	0	20.67	20.73	20.66	22.00
20	64QAM	50	24	20.63	20.68	20.68	22.00
20	64QAM	50	50	20.67	20.67	20.61	22.00
20	64QAM	100	0	20.66	20.71	20.62	22.00
20	256QAM	1	0	20.63	20.70	20.60	21.00
20	256QAM	1	49	20.66	20.69	20.67	21.00
20	256QAM	1	99	20.65	20.68	20.62	21.00
20	256QAM	50	0	20.61	20.67	20.60	21.00
20	256QAM	50	24	20.61	20.68	20.68	21.00
20	256QAM	50	50	20.70	20.71	20.69	21.00
20	256QAM	100	0	20.68	20.66	20.63	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.60	21.58	21.60	22.00
15	QPSK	1	37	21.47	21.54	21.47	22.00
15	QPSK	1	74	21.51	21.42	21.38	22.00
15	QPSK	36	0	21.55	21.54	21.57	22.00
15	QPSK	36	20	21.49	21.51	21.50	22.00
15	QPSK	36	39	21.42	21.45	21.52	22.00
15	QPSK	75	0	21.41	21.49	21.51	22.00
15	16QAM	1	0	21.50	21.45	21.39	22.00
15	16QAM	1	37	21.58	21.58	21.43	22.00
15	16QAM	1	74	21.47	21.52	21.38	22.00
15	16QAM	36	0	21.40	21.50	21.49	22.00
15	16QAM	36	20	21.50	21.42	21.47	22.00
15	16QAM	36	39	21.45	21.60	21.41	22.00
15	16QAM	75	0	21.58	21.40	21.45	22.00
15	64QAM	1	0	21.41	21.55	21.51	22.00
15	64QAM	1	37	21.43	21.42	21.52	22.00
15	64QAM	1	74	21.45	21.51	21.40	22.00
15	64QAM	36	0	20.63	20.69	20.60	22.00
15	64QAM	36	20	20.50	20.61	20.57	22.00
15	64QAM	36	39	20.54	20.62	20.58	22.00
15	64QAM	75	0	20.61	20.57	20.47	22.00
15	256QAM	1	0	19.57	19.60	19.50	21.00
15	256QAM	1	37	19.54	19.57	19.53	21.00
15	256QAM	1	74	19.57	19.64	19.49	21.00
15	256QAM	36	0	19.55	19.56	19.56	21.00
15	256QAM	36	20	19.55	19.55	19.59	21.00
15	256QAM	36	39	19.57	19.64	19.65	21.00
15	256QAM	75	0	19.61	19.62	19.48	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.63	21.58	21.62	22.00



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10	QPSK	1	25	21.59	21.52	21.54	22.00
10	QPSK	1	49	21.52	21.42	21.45	22.00
10	QPSK	25	0	21.47	21.50	21.50	22.00
10	QPSK	25	12	21.42	21.50	21.49	22.00
10	QPSK	25	25	21.48	21.53	21.45	22.00
10	QPSK	50	0	21.47	21.50	21.45	22.00
10	16QAM	1	0	21.47	21.47	21.45	22.00
10	16QAM	1	25	21.58	21.50	21.47	22.00
10	16QAM	1	49	21.49	21.47	21.40	22.00
10	16QAM	25	0	21.49	21.54	21.54	22.00
10	16QAM	25	12	21.47	21.40	21.46	22.00
10	16QAM	25	25	21.43	21.52	21.45	22.00
10	16QAM	50	0	21.48	21.51	21.57	22.00
10	64QAM	1	0	21.44	21.60	21.46	22.00
10	64QAM	1	25	21.39	21.46	21.53	22.00
10	64QAM	1	49	21.41	21.53	21.52	22.00
10	64QAM	25	0	20.60	20.67	20.64	22.00
10	64QAM	25	12	20.56	20.60	20.63	22.00
10	64QAM	25	25	20.66	20.63	20.57	22.00
10	64QAM	50	0	20.64	20.60	20.54	22.00
10	256QAM	1	0	19.54	19.61	19.58	21.00
10	256QAM	1	25	19.54	19.64	19.62	21.00
10	256QAM	1	49	19.64	19.66	19.55	21.00
10	256QAM	25	0	19.57	19.60	19.47	21.00
10	256QAM	25	12	19.51	19.63	19.60	21.00
10	256QAM	25	25	19.58	19.66	19.57	21.00
10	256QAM	50	0	19.53	19.55	19.48	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.60	21.54	21.63	22.00
5	QPSK	1	12	21.49	21.55	21.52	22.00
5	QPSK	1	24	21.42	21.48	21.42	22.00
5	QPSK	12	0	21.51	21.53	21.47	22.00
5	QPSK	12	7	21.52	21.42	21.53	22.00
5	QPSK	12	13	21.45	21.50	21.44	22.00
5	QPSK	25	0	21.40	21.44	21.54	22.00
5	16QAM	1	0	21.41	21.54	21.45	22.00
5	16QAM	1	12	21.49	21.57	21.43	22.00
5	16QAM	1	24	21.41	21.52	21.38	22.00
5	16QAM	12	0	21.39	21.52	21.44	22.00
5	16QAM	12	7	21.49	21.46	21.49	22.00
5	16QAM	12	13	21.43	21.49	21.44	22.00
5	16QAM	25	0	21.51	21.49	21.45	22.00
5	64QAM	1	0	21.44	21.57	21.53	22.00
5	64QAM	1	12	21.46	21.44	21.54	22.00
5	64QAM	1	24	21.47	21.50	21.48	22.00
5	64QAM	12	0	20.60	20.60	20.53	22.00
5	64QAM	12	7	20.54	20.59	20.57	22.00
5	64QAM	12	13	20.63	20.57	20.49	22.00
5	64QAM	25	0	20.59	20.64	20.48	22.00
5	256QAM	1	0	19.52	19.57	19.47	21.00
5	256QAM	1	12	19.56	19.65	19.54	21.00
5	256QAM	1	24	19.50	19.65	19.55	21.00
5	256QAM	12	0	19.50	19.56	19.47	21.00
5	256QAM	12	7	19.59	19.63	19.60	21.00
5	256QAM	12	13	19.67	19.62	19.67	21.00
5	256QAM	25	0	19.61	19.60	19.49	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.55	21.60	21.57	22.00
3	QPSK	1	8	21.53	21.52	21.44	22.00
3	QPSK	1	14	21.52	21.44	21.37	22.00
3	QPSK	8	0	21.50	21.48	21.46	22.00
3	QPSK	8	4	21.54	21.41	21.51	22.00
3	QPSK	8	7	21.41	21.46	21.41	22.00
3	QPSK	15	0	21.40	21.46	21.43	22.00
3	16QAM	1	0	21.41	21.49	21.42	22.00
3	16QAM	1	8	21.45	21.54	21.50	22.00
3	16QAM	1	14	21.52	21.44	21.38	22.00
3	16QAM	8	0	21.41	21.52	21.46	22.00
3	16QAM	8	4	21.52	21.41	21.47	22.00
3	16QAM	8	7	21.44	21.54	21.46	22.00
3	16QAM	15	0	21.45	21.44	21.53	22.00
3	64QAM	1	0	21.42	21.61	21.53	22.00
3	64QAM	1	8	21.46	21.44	21.44	22.00
3	64QAM	1	14	21.45	21.48	21.47	22.00
3	64QAM	8	0	20.65	20.60	20.54	22.00
3	64QAM	8	4	20.61	20.56	20.63	22.00



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3	64QAM	8	7	20.56	20.65	20.59	22.00
3	64QAM	15	0	20.56	20.57	20.55	22.00
3	256QAM	1	0	19.53	19.65	19.52	21.00
3	256QAM	1	8	19.53	19.56	19.64	21.00
3	256QAM	1	14	19.55	19.61	19.52	21.00
3	256QAM	8	0	19.47	19.60	19.49	21.00
3	256QAM	8	4	19.57	19.59	19.60	21.00
3	256QAM	8	7	19.67	19.58	19.65	21.00
3	256QAM	15	0	19.59	19.58	19.53	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.51	21.53	21.56	22.00
1.4	QPSK	1	3	21.46	21.56	21.42	22.00
1.4	QPSK	1	5	21.52	21.54	21.43	22.00
1.4	QPSK	3	0	21.56	21.56	21.49	22.00
1.4	QPSK	3	1	21.49	21.48	21.53	22.00
1.4	QPSK	3	3	21.43	21.49	21.42	22.00
1.4	QPSK	6	0	21.48	21.47	21.55	22.00
1.4	16QAM	1	0	21.46	21.51	21.46	22.00
1.4	16QAM	1	3	21.48	21.47	21.41	22.00
1.4	16QAM	1	5	21.47	21.38	21.47	22.00
1.4	16QAM	3	0	21.49	21.40	21.57	22.00
1.4	16QAM	3	1	21.51	21.40	21.49	22.00
1.4	16QAM	3	3	21.53	21.47	21.48	22.00
1.4	16QAM	6	0	21.52	21.43	21.56	22.00
1.4	64QAM	1	0	21.43	21.54	21.49	22.00
1.4	64QAM	1	3	21.44	21.47	21.48	22.00
1.4	64QAM	1	5	21.40	21.46	21.47	22.00
1.4	64QAM	3	0	20.59	20.66	20.64	22.00
1.4	64QAM	3	1	20.57	20.53	20.55	22.00
1.4	64QAM	3	3	20.52	20.63	20.57	22.00
1.4	64QAM	6	0	19.59	19.61	19.58	21.00
1.4	256QAM	1	0	17.59	17.63	17.53	19.00
1.4	256QAM	1	3	17.51	17.63	17.56	19.00
1.4	256QAM	1	5	17.53	17.55	17.47	19.00
1.4	256QAM	3	0	17.53	17.61	17.48	19.00
1.4	256QAM	3	1	17.56	17.67	17.65	19.00
1.4	256QAM	3	3	17.61	17.63	17.59	19.00
1.4	256QAM	6	0	17.54	17.59	17.61	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.01	23.05	23.00	24.00
20	QPSK	1	49	22.56	22.69	22.52	24.00
20	QPSK	1	99	22.39	22.66	22.51	24.00
20	QPSK	50	0	22.75	22.94	22.83	24.00
20	QPSK	50	24	22.52	22.71	22.65	24.00
20	QPSK	50	50	22.62	22.70	22.53	24.00
20	QPSK	100	0	22.57	22.89	22.55	24.00
20	16QAM	1	0	22.53	22.88	22.53	24.00
20	16QAM	1	49	22.49	22.89	22.55	24.00
20	16QAM	1	99	22.53	22.85	22.54	24.00
20	16QAM	50	0	22.56	22.87	22.53	24.00
20	16QAM	50	24	22.50	22.88	22.62	24.00
20	16QAM	50	50	22.65	22.92	22.62	24.00
20	16QAM	100	0	22.40	22.79	22.52	24.00
20	64QAM	1	0	22.60	22.89	22.65	24.00
20	64QAM	1	49	22.54	22.87	22.56	24.00
20	64QAM	1	99	22.55	22.90	22.56	24.00
20	64QAM	50	0	21.43	21.81	21.47	23.00
20	64QAM	50	24	21.55	21.82	21.49	23.00
20	64QAM	50	50	21.69	21.96	21.69	23.00
20	64QAM	100	0	21.51	21.78	21.52	23.00
20	256QAM	1	0	19.57	19.85	19.60	21.00
20	256QAM	1	49	19.53	19.78	19.44	21.00
20	256QAM	1	99	19.01	19.00	19.01	21.00
20	256QAM	50	0	19.59	19.90	19.62	21.00
20	256QAM	50	24	19.46	19.74	19.50	21.00
20	256QAM	50	50	19.62	19.89	19.62	21.00
20	256QAM	100	0	19.47	19.82	19.56	21.00



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Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.65	22.85	22.64	24.00
15	QPSK	1	37	22.55	22.77	22.46	24.00
15	QPSK	1	74	22.36	22.74	22.43	24.00
15	QPSK	36	0	22.54	22.79	22.52	24.00
15	QPSK	36	20	22.42	22.79	22.57	24.00
15	QPSK	36	39	22.49	22.79	22.49	24.00
15	QPSK	75	0	22.47	22.84	22.40	24.00
15	16QAM	1	0	22.41	22.75	22.47	24.00
15	16QAM	1	37	22.42	22.74	22.46	24.00
15	16QAM	1	74	22.38	22.72	22.50	24.00
15	16QAM	36	0	22.55	22.83	22.51	24.00
15	16QAM	36	20	22.39	22.75	22.57	24.00
15	16QAM	36	39	22.52	22.80	22.60	24.00
15	16QAM	75	0	22.33	22.67	22.43	24.00
15	64QAM	1	0	22.48	22.81	22.51	24.00
15	64QAM	1	37	22.44	22.82	22.47	24.00
15	64QAM	1	74	22.43	22.84	22.41	24.00
15	64QAM	36	0	21.38	21.73	21.45	23.00
15	64QAM	36	20	21.47	21.74	21.40	23.00
15	64QAM	36	39	21.57	21.94	21.66	23.00
15	64QAM	75	0	21.45	21.67	21.42	23.00
15	256QAM	1	0	19.56	19.78	19.47	21.00
15	256QAM	1	37	19.50	19.69	19.37	21.00
15	256QAM	1	74	19.01	19.01	19.00	21.00
15	256QAM	36	0	19.58	19.88	19.54	21.00
15	256QAM	36	20	19.35	19.64	19.42	21.00
15	256QAM	36	39	19.54	19.75	19.55	21.00
15	256QAM	75	0	19.46	19.71	19.48	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.63	22.93	22.64	24.00
10	QPSK	1	25	22.49	22.85	22.49	24.00
10	QPSK	1	49	22.25	22.74	22.46	24.00
10	QPSK	25	0	22.42	22.88	22.49	24.00
10	QPSK	25	12	22.43	22.84	22.61	24.00
10	QPSK	25	25	22.59	22.84	22.49	24.00
10	QPSK	50	0	22.52	22.75	22.53	24.00
10	16QAM	1	0	22.49	22.84	22.51	24.00
10	16QAM	1	25	22.37	22.80	22.49	24.00
10	16QAM	1	49	22.44	22.80	22.39	24.00
10	16QAM	25	0	22.53	22.85	22.50	24.00
10	16QAM	25	12	22.43	22.77	22.54	24.00
10	16QAM	25	25	22.50	22.77	22.54	24.00
10	16QAM	50	0	22.37	22.72	22.49	24.00
10	64QAM	1	0	22.55	22.75	22.60	24.00
10	64QAM	1	25	22.41	22.83	22.44	24.00
10	64QAM	1	49	22.47	22.82	22.51	24.00
10	64QAM	25	0	21.40	21.75	21.42	23.00
10	64QAM	25	12	21.46	21.76	21.35	23.00
10	64QAM	25	25	21.60	21.92	21.63	23.00
10	64QAM	50	0	21.36	21.74	21.37	23.00
10	256QAM	1	0	19.53	19.77	19.48	21.00
10	256QAM	1	25	19.46	19.63	19.29	21.00
10	256QAM	1	49	19.00	19.00	19.00	21.00
10	256QAM	25	0	19.52	19.86	19.56	21.00
10	256QAM	25	12	19.45	19.71	19.39	21.00
10	256QAM	25	25	19.50	19.80	19.52	21.00
10	256QAM	50	0	19.39	19.69	19.46	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.58	22.90	22.69	24.00
5	QPSK	1	12	22.55	22.84	22.42	24.00
5	QPSK	1	24	22.27	22.73	22.49	24.00
5	QPSK	12	0	22.50	22.91	22.58	24.00
5	QPSK	12	7	22.42	22.90	22.56	24.00
5	QPSK	12	13	22.57	22.76	22.50	24.00
5	QPSK	25	0	22.54	22.79	22.52	24.00
5	16QAM	1	0	22.48	22.84	22.51	24.00
5	16QAM	1	12	22.35	22.74	22.48	24.00
5	16QAM	1	24	22.48	22.76	22.51	24.00
5	16QAM	12	0	22.50	22.81	22.42	24.00
5	16QAM	12	7	22.36	22.84	22.60	24.00
5	16QAM	12	13	22.51	22.88	22.48	24.00
5	16QAM	25	0	22.33	22.78	22.48	24.00
5	64QAM	1	0	22.54	22.82	22.64	24.00
5	64QAM	1	12	22.51	22.84	22.48	24.00



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5	64QAM	1	24	22.48	22.83	22.42	24.00
5	64QAM	12	0	21.30	21.75	21.34	23.00
5	64QAM	12	7	21.41	21.74	21.36	23.00
5	64QAM	12	13	21.65	21.93	21.59	23.00
5	64QAM	25	0	21.36	21.76	21.50	23.00
5	256QAM	1	0	19.51	19.74	19.55	21.00
5	256QAM	1	12	19.49	19.73	19.32	21.00
5	256QAM	1	24	19.01	19.01	19.01	21.00
5	256QAM	12	0	19.50	19.86	19.56	21.00
5	256QAM	12	7	19.45	19.71	19.49	21.00
5	256QAM	12	13	19.55	19.81	19.57	21.00
5	256QAM	25	0	19.38	19.71	19.48	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.68	22.89	22.58	24.00
3	QPSK	1	8	22.52	22.80	22.49	24.00
3	QPSK	1	14	22.32	22.67	22.43	24.00
3	QPSK	8	0	22.48	22.80	22.59	24.00
3	QPSK	8	4	22.43	22.81	22.53	24.00
3	QPSK	8	7	22.53	22.77	22.49	24.00
3	QPSK	15	0	22.50	22.80	22.48	24.00
3	16QAM	1	0	22.45	22.82	22.48	24.00
3	16QAM	1	8	22.34	22.80	22.50	24.00
3	16QAM	1	14	22.40	22.81	22.45	24.00
3	16QAM	8	0	22.48	22.78	22.51	24.00
3	16QAM	8	4	22.48	22.73	22.56	24.00
3	16QAM	8	7	22.58	22.81	22.55	24.00
3	16QAM	15	0	22.29	22.71	22.39	24.00
3	64QAM	1	0	22.52	22.80	22.59	24.00
3	64QAM	1	8	22.44	22.82	22.41	24.00
3	64QAM	1	14	22.49	22.87	22.54	24.00
3	64QAM	8	0	21.29	21.73	21.35	23.00
3	64QAM	8	4	21.49	21.78	21.43	23.00
3	64QAM	8	7	21.55	21.90	21.66	23.00
3	64QAM	15	0	21.38	21.64	21.45	23.00
3	256QAM	1	0	19.52	19.81	19.49	21.00
3	256QAM	1	8	19.40	19.76	19.43	21.00
3	256QAM	1	14	19.01	19.00	19.00	21.00
3	256QAM	8	0	19.55	19.87	19.53	21.00
3	256QAM	8	4	19.43	19.64	19.36	21.00
3	256QAM	8	7	19.50	19.80	19.51	21.00
3	256QAM	15	0	19.37	19.75	19.47	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.62	22.93	22.68	24.00
1.4	QPSK	1	3	22.47	22.87	22.41	24.00
1.4	QPSK	1	5	22.28	22.63	22.41	24.00
1.4	QPSK	3	0	22.45	22.84	22.58	24.00
1.4	QPSK	3	1	22.38	22.78	22.51	24.00
1.4	QPSK	3	3	22.54	22.89	22.42	24.00
1.4	QPSK	6	0	22.52	22.78	22.42	23.00
1.4	16QAM	1	0	22.49	22.75	22.47	23.00
1.4	16QAM	1	3	22.47	22.85	22.44	23.00
1.4	16QAM	1	5	22.45	22.72	22.40	23.00
1.4	16QAM	3	0	22.44	22.72	22.46	23.00
1.4	16QAM	3	1	22.36	22.77	22.50	23.00
1.4	16QAM	3	3	22.62	22.86	22.47	23.00
1.4	16QAM	6	0	22.00	22.00	21.99	22.00
1.4	64QAM	1	0	22.00	22.00	21.98	22.00
1.4	64QAM	1	3	21.99	22.00	22.00	22.00
1.4	64QAM	1	5	21.98	22.00	21.99	22.00
1.4	64QAM	3	0	21.28	21.69	21.40	22.00
1.4	64QAM	3	1	21.50	21.67	21.35	22.00
1.4	64QAM	3	3	21.61	21.90	21.61	22.00
1.4	64QAM	6	0	21.00	21.00	20.99	21.00
1.4	256QAM	1	0	19.00	18.98	19.00	19.00
1.4	256QAM	1	3	19.00	19.00	18.99	19.00
1.4	256QAM	1	5	18.93	18.87	18.96	19.00
1.4	256QAM	3	0	18.99	18.99	19.00	19.00
1.4	256QAM	3	1	18.99	19.00	19.00	19.00
1.4	256QAM	3	3	19.00	19.00	19.00	19.00
1.4	256QAM	6	0	19.00	18.99	19.00	19.00



【LTE Band 66_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.46	22.57	22.48	24.00
20	QPSK	1	49	22.25	22.20	22.18	24.00
20	QPSK	1	99	22.18	22.22	22.26	24.00
20	QPSK	50	0	22.11	22.15	22.03	23.00
20	QPSK	50	24	21.86	21.89	21.95	23.00
20	QPSK	50	50	22.00	21.94	22.02	23.00
20	QPSK	100	0	21.86	22.00	21.98	23.00
20	16QAM	1	0	22.13	22.12	22.16	23.00
20	16QAM	1	49	22.04	21.93	21.94	23.00
20	16QAM	1	99	22.14	22.00	21.89	23.00
20	16QAM	50	0	21.62	21.55	21.61	22.00
20	16QAM	50	24	21.71	21.74	21.65	22.00
20	16QAM	50	50	21.78	21.77	21.76	22.00
20	16QAM	100	0	21.70	21.77	21.75	22.00
20	64QAM	1	0	21.66	21.70	21.71	22.00
20	64QAM	1	49	21.80	21.68	21.71	22.00
20	64QAM	1	99	21.76	21.79	21.72	22.00
20	64QAM	50	0	20.72	20.58	20.55	21.00
20	64QAM	50	24	20.68	20.61	20.67	21.00
20	64QAM	50	50	20.83	20.73	20.83	21.00
20	64QAM	100	0	20.67	20.66	20.59	21.00
20	256QAM	1	0	18.82	18.69	18.76	19.00
20	256QAM	1	49	18.87	18.79	18.80	19.00
20	256QAM	1	99	18.91	18.84	18.88	19.00
20	256QAM	50	0	18.62	18.65	18.60	19.00
20	256QAM	50	24	18.65	18.61	18.54	19.00
20	256QAM	50	50	18.73	18.74	18.69	19.00
20	256QAM	100	0	18.62	18.62	18.57	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.12	22.49	22.11	24.00
15	QPSK	1	37	22.16	22.06	22.04	24.00
15	QPSK	1	74	22.11	22.16	22.14	24.00
15	QPSK	36	0	21.98	21.83	21.94	23.00
15	QPSK	36	20	21.79	21.74	21.81	23.00
15	QPSK	36	39	21.98	21.87	22.00	23.00
15	QPSK	75	0	21.73	21.92	21.92	23.00
15	16QAM	1	0	21.99	22.02	22.15	23.00
15	16QAM	1	37	21.90	21.85	21.79	23.00
15	16QAM	1	74	22.13	21.93	21.81	23.00
15	16QAM	36	0	21.58	21.41	21.55	22.00
15	16QAM	36	20	21.67	21.66	21.52	22.00
15	16QAM	36	39	21.74	21.76	21.72	22.00
15	16QAM	75	0	21.66	21.73	21.63	22.00
15	64QAM	1	0	21.64	21.65	21.64	22.00
15	64QAM	1	37	21.65	21.54	21.69	22.00
15	64QAM	1	74	21.72	21.72	21.65	22.00
15	64QAM	36	0	20.61	20.43	20.44	21.00
15	64QAM	36	20	20.57	20.59	20.60	21.00
15	64QAM	36	39	20.75	20.64	20.69	21.00
15	64QAM	75	0	20.57	20.60	20.52	21.00
15	256QAM	1	0	18.71	18.60	18.67	19.00
15	256QAM	1	37	18.73	18.66	18.67	19.00
15	256QAM	1	74	18.82	18.69	18.76	19.00
15	256QAM	36	0	18.56	18.55	18.50	19.00
15	256QAM	36	20	18.64	18.50	18.43	19.00
15	256QAM	36	39	18.66	18.70	18.62	19.00
15	256QAM	75	0	18.54	18.51	18.45	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.09	22.49	22.10	24.00
10	QPSK	1	25	22.15	22.07	22.08	24.00
10	QPSK	1	49	22.14	22.09	22.18	24.00
10	QPSK	25	0	22.07	21.84	21.88	23.00
10	QPSK	25	12	21.84	21.74	21.89	23.00
10	QPSK	25	25	21.89	21.88	21.97	23.00
10	QPSK	50	0	21.74	21.98	21.95	23.00
10	16QAM	1	0	22.06	22.03	22.06	23.00
10	16QAM	1	25	21.99	21.91	21.84	23.00
10	16QAM	1	49	22.02	21.95	21.85	23.00



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10	16QAM	25	0	21.58	21.46	21.49	22.00
10	16QAM	25	12	21.58	21.59	21.61	22.00
10	16QAM	25	25	21.63	21.69	21.64	22.00
10	16QAM	50	0	21.67	21.66	21.68	22.00
10	64QAM	1	0	21.63	21.65	21.67	22.00
10	64QAM	1	25	21.69	21.60	21.65	22.00
10	64QAM	1	49	21.74	21.75	21.65	22.00
10	64QAM	25	0	20.64	20.52	20.51	21.00
10	64QAM	25	12	20.58	20.60	20.54	21.00
10	64QAM	25	25	20.76	20.71	20.71	21.00
10	64QAM	50	0	20.61	20.64	20.54	21.00
10	256QAM	1	0	18.80	18.54	18.62	19.00
10	256QAM	1	25	18.84	18.71	18.73	19.00
10	256QAM	1	49	18.89	18.75	18.85	19.00
10	256QAM	25	0	18.58	18.64	18.47	19.00
10	256QAM	25	12	18.62	18.53	18.41	19.00
10	256QAM	25	25	18.61	18.64	18.63	19.00
10	256QAM	50	0	18.57	18.54	18.45	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.13	22.51	22.08	24.00
5	QPSK	1	12	22.15	22.18	22.15	24.00
5	QPSK	1	24	22.10	22.21	22.15	24.00
5	QPSK	12	0	22.04	21.89	21.95	23.00
5	QPSK	12	7	21.76	21.80	21.91	23.00
5	QPSK	12	13	21.91	21.84	21.96	23.00
5	QPSK	25	0	21.80	21.92	21.93	23.00
5	16QAM	1	0	21.99	22.03	22.03	23.00
5	16QAM	1	12	21.97	21.80	21.85	23.00
5	16QAM	1	24	22.06	21.88	21.78	23.00
5	16QAM	12	0	21.51	21.53	21.50	22.00
5	16QAM	12	7	21.68	21.69	21.62	22.00
5	16QAM	12	13	21.77	21.63	21.72	22.00
5	16QAM	25	0	21.66	21.66	21.70	22.00
5	64QAM	1	0	21.62	21.58	21.60	22.00
5	64QAM	1	12	21.75	21.56	21.59	22.00
5	64QAM	1	24	21.66	21.73	21.61	22.00
5	64QAM	12	0	20.69	20.46	20.49	21.00
5	64QAM	12	7	20.58	20.59	20.55	21.00
5	64QAM	12	13	20.76	20.65	20.78	21.00
5	64QAM	25	0	20.52	20.63	20.49	21.00
5	256QAM	1	0	18.81	18.66	18.69	19.00
5	256QAM	1	12	18.85	18.77	18.76	19.00
5	256QAM	1	24	18.87	18.74	18.79	19.00
5	256QAM	12	0	18.58	18.56	18.47	19.00
5	256QAM	12	7	18.63	18.54	18.40	19.00
5	256QAM	12	13	18.64	18.72	18.67	19.00
5	256QAM	25	0	18.54	18.54	18.46	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.06	22.47	22.16	24.00
3	QPSK	1	8	22.16	22.09	22.09	24.00
3	QPSK	1	14	22.09	22.09	22.17	24.00
3	QPSK	8	0	22.09	21.83	21.96	23.00
3	QPSK	8	4	21.76	21.75	21.88	23.00
3	QPSK	8	7	21.93	21.93	21.96	23.00
3	QPSK	15	0	21.73	21.98	21.87	23.00
3	16QAM	1	0	22.11	21.99	22.05	23.00
3	16QAM	1	8	22.00	21.80	21.84	23.00
3	16QAM	1	14	22.08	21.93	21.79	23.00
3	16QAM	8	0	21.51	21.47	21.55	22.00
3	16QAM	8	4	21.70	21.66	21.62	22.00
3	16QAM	8	7	21.67	21.69	21.67	22.00
3	16QAM	15	0	21.61	21.68	21.72	22.00
3	64QAM	1	0	21.55	21.68	21.59	22.00
3	64QAM	1	8	21.77	21.63	21.58	22.00
3	64QAM	1	14	21.68	21.73	21.62	22.00
3	64QAM	8	0	20.62	20.48	20.46	21.00
3	64QAM	8	4	20.59	20.52	20.66	21.00
3	64QAM	8	7	20.74	20.65	20.77	21.00
3	64QAM	15	0	20.55	20.61	20.45	21.00
3	256QAM	1	0	18.71	18.57	18.71	19.00
3	256QAM	1	8	18.76	18.74	18.69	19.00
3	256QAM	1	14	18.88	18.83	18.74	19.00
3	256QAM	8	0	18.55	18.53	18.46	19.00
3	256QAM	8	4	18.56	18.48	18.41	19.00
3	256QAM	8	7	18.70	18.61	18.61	19.00
3	256QAM	15	0	18.55	18.52	18.47	19.00



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Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.09	22.42	22.09	24.00
1.4	QPSK	1	3	22.15	22.07	22.04	24.00
1.4	QPSK	1	5	22.11	22.08	22.18	24.00
1.4	QPSK	3	0	22.01	22.01	22.00	24.00
1.4	QPSK	3	1	22.01	22.01	22.00	24.00
1.4	QPSK	3	3	22.00	22.00	22.00	24.00
1.4	QPSK	6	0	21.75	21.90	21.89	23.00
1.4	16QAM	1	0	22.03	22.09	22.15	23.00
1.4	16QAM	1	3	21.96	21.85	21.90	23.00
1.4	16QAM	1	5	22.01	21.86	21.87	23.00
1.4	16QAM	3	0	21.58	21.52	21.50	23.00
1.4	16QAM	3	1	21.65	21.73	21.52	23.00
1.4	16QAM	3	3	21.68	21.74	21.62	23.00
1.4	16QAM	6	0	21.64	21.70	21.67	22.00
1.4	64QAM	1	0	21.53	21.64	21.65	22.00
1.4	64QAM	1	3	21.75	21.64	21.67	22.00
1.4	64QAM	1	5	21.62	21.67	21.71	22.00
1.4	64QAM	3	0	20.60	20.47	20.45	22.00
1.4	64QAM	3	1	20.63	20.49	20.54	22.00
1.4	64QAM	3	3	20.71	20.67	20.81	22.00
1.4	64QAM	6	0	20.64	20.65	20.56	21.00
1.4	256QAM	1	0	18.79	18.57	18.71	19.00
1.4	256QAM	1	3	18.83	18.71	18.68	19.00
1.4	256QAM	1	5	18.77	18.72	18.84	19.00
1.4	256QAM	3	0	18.50	18.58	18.46	19.00
1.4	256QAM	3	1	18.60	18.58	18.45	19.00
1.4	256QAM	3	3	18.69	18.62	18.58	19.00
1.4	256QAM	6	0	18.58	18.48	18.46	19.00

【LTE Band 66_Ant 2_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.06	19.13	19.07	19.90
20	QPSK	1	49	18.91	19.05	19.01	19.90
20	QPSK	1	99	18.92	19.04	18.93	19.90
20	QPSK	50	0	19.03	19.12	19.05	19.90
20	QPSK	50	24	18.95	18.91	18.93	19.90
20	QPSK	50	50	19.02	18.93	19.00	19.90
20	QPSK	100	0	18.97	19.08	18.91	19.90
20	16QAM	1	0	18.94	19.01	18.97	19.90
20	16QAM	1	49	18.94	19.04	19.00	19.90
20	16QAM	1	99	18.96	19.11	18.92	19.90
20	16QAM	50	0	19.02	19.07	19.00	19.90
20	16QAM	50	24	19.03	19.08	18.92	19.90
20	16QAM	50	50	19.03	19.06	18.94	19.90
20	16QAM	100	0	18.95	19.04	18.94	19.90
20	64QAM	1	0	18.97	19.05	19.01	19.90
20	64QAM	1	49	18.98	19.05	18.99	19.90
20	64QAM	1	99	19.03	19.11	19.01	19.90
20	64QAM	50	0	18.93	19.00	18.96	19.90
20	64QAM	50	24	18.96	19.08	18.94	19.90
20	64QAM	50	50	19.03	19.07	18.95	19.90
20	64QAM	100	0	19.00	19.08	18.99	19.90
20	256QAM	1	0	18.13	18.17	18.01	19.00
20	256QAM	1	49	18.07	18.19	18.08	19.00
20	256QAM	1	99	18.03	18.21	18.11	19.00
20	256QAM	50	0	18.12	18.15	18.10	19.00
20	256QAM	50	24	18.01	18.21	18.09	19.00
20	256QAM	50	50	18.05	18.21	18.03	19.00
20	256QAM	100	0	18.04	18.19	18.04	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.83	18.89	18.82	19.90
15	QPSK	1	37	18.67	18.84	18.72	19.90
15	QPSK	1	74	18.57	18.77	18.64	19.90
15	QPSK	36	0	18.69	18.85	18.79	19.90
15	QPSK	36	20	18.72	18.64	18.61	19.90
15	QPSK	36	39	18.77	18.65	18.77	19.90
15	QPSK	75	0	18.76	18.84	18.58	19.90



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15	16QAM	1	0	18.72	18.72	18.67	19.90
15	16QAM	1	37	18.72	18.74	18.73	19.90
15	16QAM	1	74	18.65	18.85	18.62	19.90
15	16QAM	36	0	18.78	18.77	18.75	19.90
15	16QAM	36	20	18.74	18.75	18.66	19.90
15	16QAM	36	39	18.69	18.78	18.64	19.90
15	16QAM	75	0	18.61	18.79	18.63	19.90
15	64QAM	1	0	18.67	18.76	18.70	19.90
15	64QAM	1	37	18.67	18.76	18.72	19.90
15	64QAM	1	74	18.76	18.83	18.72	19.90
15	64QAM	36	0	18.70	18.76	18.62	19.90
15	64QAM	36	20	18.66	18.75	18.64	19.90
15	64QAM	36	39	18.81	18.74	18.65	19.90
15	64QAM	75	0	18.71	18.79	18.71	19.90
15	256QAM	1	0	17.03	17.07	17.02	19.00
15	256QAM	1	37	17.01	17.01	17.05	19.00
15	256QAM	1	74	17.01	17.11	17.00	19.00
15	256QAM	36	0	17.01	17.02	17.01	19.00
15	256QAM	36	20	17.04	17.13	17.02	19.00
15	256QAM	36	39	17.07	17.11	17.03	19.00
15	256QAM	75	0	17.06	17.01	17.08	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.73	18.83	18.84	19.90
10	QPSK	1	25	18.66	18.72	18.67	19.90
10	QPSK	1	49	18.68	18.74	18.61	19.90
10	QPSK	25	0	18.70	18.82	18.70	19.90
10	QPSK	25	12	18.62	18.64	18.58	19.90
10	QPSK	25	25	18.70	18.60	18.69	19.90
10	QPSK	50	0	18.65	18.86	18.57	19.90
10	16QAM	1	0	18.65	18.73	18.65	19.90
10	16QAM	1	25	18.73	18.75	18.77	19.90
10	16QAM	1	49	18.72	18.86	18.65	19.90
10	16QAM	25	0	18.67	18.84	18.73	19.90
10	16QAM	25	12	18.82	18.78	18.68	19.90
10	16QAM	25	25	18.78	18.82	18.62	19.90
10	16QAM	50	0	18.74	18.77	18.69	19.90
10	64QAM	1	0	18.65	18.75	18.74	19.90
10	64QAM	1	25	18.70	18.79	18.67	19.90
10	64QAM	1	49	18.81	18.76	18.69	19.90
10	64QAM	25	0	18.67	18.72	18.65	19.90
10	64QAM	25	12	18.63	18.77	18.73	19.90
10	64QAM	25	25	18.77	18.78	18.61	19.90
10	64QAM	50	0	18.78	18.82	18.78	19.90
10	256QAM	1	0	17.10	17.09	17.05	19.00
10	256QAM	1	25	17.13	17.02	17.10	19.00
10	256QAM	1	49	17.06	17.00	17.08	19.00
10	256QAM	25	0	17.03	17.02	17.03	19.00
10	256QAM	25	12	17.08	17.00	17.01	19.00
10	256QAM	25	25	17.06	17.06	17.09	19.00
10	256QAM	50	0	17.03	17.01	17.01	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.81	18.82	18.74	19.90
5	QPSK	1	12	18.70	18.76	18.72	19.90
5	QPSK	1	24	18.68	18.69	18.63	19.90
5	QPSK	12	0	18.77	18.86	18.75	19.90
5	QPSK	12	7	18.70	18.62	18.67	19.90
5	QPSK	12	13	18.81	18.63	18.73	19.90
5	QPSK	25	0	18.67	18.78	18.60	19.90
5	16QAM	1	0	18.70	18.75	18.75	19.90
5	16QAM	1	12	18.72	18.75	18.76	19.90
5	16QAM	1	24	18.75	18.79	18.67	19.90
5	16QAM	12	0	18.73	18.72	18.78	19.90
5	16QAM	12	7	18.68	18.82	18.67	19.90
5	16QAM	12	13	18.75	18.72	18.67	19.90
5	16QAM	25	0	18.63	18.70	18.66	19.90
5	64QAM	1	0	18.73	18.73	18.67	19.90
5	64QAM	1	12	18.70	18.76	18.76	19.90
5	64QAM	1	24	18.78	18.78	18.75	19.90
5	64QAM	12	0	18.69	18.72	18.63	19.90
5	64QAM	12	7	18.69	18.85	18.67	19.90
5	64QAM	12	13	18.68	18.85	18.68	19.90
5	64QAM	25	0	18.66	18.75	18.76	19.90
5	256QAM	1	0	17.03	17.01	17.06	19.00
5	256QAM	1	12	17.06	17.03	17.00	19.00
5	256QAM	1	24	17.08	17.13	17.06	19.00
5	256QAM	12	0	17.00	17.08	17.03	19.00



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5	256QAM	12	7	17.09	17.03	17.02	19.00
5	256QAM	12	13	17.10	17.07	17.03	19.00
5	256QAM	25	0	17.11	17.08	17.01	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.77	18.88	18.79	19.90
3	QPSK	1	8	18.57	18.82	18.76	19.90
3	QPSK	1	14	18.69	18.73	18.68	19.90
3	QPSK	8	0	18.78	18.78	18.70	19.90
3	QPSK	8	4	18.65	18.67	18.63	19.90
3	QPSK	8	7	18.67	18.65	18.78	19.90
3	QPSK	15	0	18.63	18.79	18.60	19.90
3	16QAM	1	0	18.68	18.72	18.63	19.90
3	16QAM	1	8	18.62	18.77	18.69	19.90
3	16QAM	1	14	18.65	18.78	18.60	19.90
3	16QAM	8	0	18.70	18.85	18.67	19.90
3	16QAM	8	4	18.77	18.77	18.64	19.90
3	16QAM	8	7	18.79	18.73	18.64	19.90
3	16QAM	15	0	18.62	18.80	18.69	19.90
3	64QAM	1	0	18.67	18.72	18.68	19.90
3	64QAM	1	8	18.72	18.80	18.70	19.90
3	64QAM	1	14	18.70	18.85	18.80	19.90
3	64QAM	8	0	18.67	18.65	18.70	19.90
3	64QAM	8	4	18.66	18.81	18.70	19.90
3	64QAM	8	7	18.76	18.81	18.67	19.90
3	64QAM	15	0	18.73	18.82	18.67	19.90
3	256QAM	1	0	17.11	17.01	17.01	19.00
3	256QAM	1	8	17.00	17.04	17.08	19.00
3	256QAM	1	14	17.05	17.05	17.14	19.00
3	256QAM	8	0	17.04	17.01	17.01	19.00
3	256QAM	8	4	17.04	17.03	17.10	19.00
3	256QAM	8	7	17.01	17.09	17.08	19.00
3	256QAM	15	0	17.03	17.05	17.10	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.81	18.91	18.83	19.90
1.4	QPSK	1	3	18.65	18.75	18.79	19.90
1.4	QPSK	1	5	18.59	18.80	18.70	19.90
1.4	QPSK	3	0	18.77	18.82	18.76	19.90
1.4	QPSK	3	1	18.66	18.60	18.69	19.90
1.4	QPSK	3	3	18.75	18.65	18.70	19.90
1.4	QPSK	6	0	18.72	18.81	18.58	19.90
1.4	16QAM	1	0	18.61	18.67	18.71	19.90
1.4	16QAM	1	3	18.72	18.80	18.69	19.90
1.4	16QAM	1	5	18.69	18.81	18.63	19.90
1.4	16QAM	3	0	18.68	18.79	18.68	19.90
1.4	16QAM	3	1	18.73	18.79	18.68	19.90
1.4	16QAM	3	3	18.80	18.79	18.59	19.90
1.4	16QAM	6	0	18.64	18.72	18.72	19.90
1.4	64QAM	1	0	18.76	18.83	18.74	19.90
1.4	64QAM	1	3	18.72	18.83	18.78	19.90
1.4	64QAM	1	5	18.69	18.84	18.78	19.90
1.4	64QAM	3	0	18.61	18.72	18.61	19.90
1.4	64QAM	3	1	18.66	18.78	18.65	19.90
1.4	64QAM	3	3	18.74	18.85	18.74	19.90
1.4	64QAM	6	0	18.73	18.79	18.74	19.90
1.4	256QAM	1	0	17.05	17.00	17.03	19.00
1.4	256QAM	1	3	17.00	17.07	17.12	19.00
1.4	256QAM	1	5	17.00	17.01	17.09	19.00
1.4	256QAM	3	0	17.01	17.02	17.01	19.00
1.4	256QAM	3	1	17.05	17.08	17.09	19.00
1.4	256QAM	3	3	17.00	17.05	17.07	19.00
1.4	256QAM	6	0	17.13	17.02	17.06	19.00

【LTE Band 66_Ant 2_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.46	22.57	22.48	24.00
20	QPSK	1	49	22.25	22.20	22.18	24.00
20	QPSK	1	99	22.18	22.22	22.26	24.00
20	QPSK	50	0	22.11	22.15	22.03	23.00



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20	QPSK	50	24	21.86	21.89	21.95	23.00
20	QPSK	50	50	22.00	21.94	22.02	23.00
20	QPSK	100	0	21.86	22.00	21.98	23.00
20	16QAM	1	0	22.13	22.12	22.16	23.00
20	16QAM	1	49	22.04	21.93	21.94	23.00
20	16QAM	1	99	22.14	22.00	21.89	23.00
20	16QAM	50	0	21.62	21.55	21.61	22.00
20	16QAM	50	24	21.71	21.74	21.65	22.00
20	16QAM	50	50	21.78	21.77	21.76	22.00
20	16QAM	100	0	21.70	21.77	21.75	22.00
20	64QAM	1	0	21.66	21.70	21.71	22.00
20	64QAM	1	49	21.80	21.68	21.71	22.00
20	64QAM	1	99	21.76	21.79	21.72	22.00
20	64QAM	50	0	20.72	20.58	20.55	21.00
20	64QAM	50	24	20.68	20.61	20.67	21.00
20	64QAM	50	50	20.83	20.73	20.83	21.00
20	64QAM	100	0	20.67	20.66	20.59	21.00
20	256QAM	1	0	18.82	18.69	18.76	19.00
20	256QAM	1	49	18.87	18.79	18.80	19.00
20	256QAM	1	99	18.91	18.84	18.88	19.00
20	256QAM	50	0	18.62	18.65	18.60	19.00
20	256QAM	50	24	18.65	18.61	18.54	19.00
20	256QAM	50	50	18.73	18.74	18.69	19.00
20	256QAM	100	0	18.62	18.62	18.57	19.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	22.12	22.49	22.11	24.00
15	QPSK	1	37	22.16	22.06	22.04	24.00
15	QPSK	1	74	22.11	22.16	22.14	24.00
15	QPSK	36	0	21.98	21.83	21.94	23.00
15	QPSK	36	20	21.79	21.74	21.81	23.00
15	QPSK	36	39	21.98	21.87	22.00	23.00
15	QPSK	75	0	21.73	21.92	21.92	23.00
15	16QAM	1	0	21.99	22.02	22.15	23.00
15	16QAM	1	37	21.90	21.85	21.79	23.00
15	16QAM	1	74	22.13	21.93	21.81	23.00
15	16QAM	36	0	21.58	21.41	21.55	22.00
15	16QAM	36	20	21.67	21.66	21.52	22.00
15	16QAM	36	39	21.74	21.76	21.72	22.00
15	16QAM	75	0	21.66	21.73	21.63	22.00
15	64QAM	1	0	21.64	21.65	21.64	22.00
15	64QAM	1	37	21.65	21.54	21.69	22.00
15	64QAM	1	74	21.72	21.72	21.65	22.00
15	64QAM	36	0	20.61	20.43	20.44	21.00
15	64QAM	36	20	20.57	20.59	20.60	21.00
15	64QAM	36	39	20.75	20.64	20.69	21.00
15	64QAM	75	0	20.57	20.60	20.52	21.00
15	256QAM	1	0	18.71	18.60	18.67	19.00
15	256QAM	1	37	18.73	18.66	18.67	19.00
15	256QAM	1	74	18.82	18.69	18.76	19.00
15	256QAM	36	0	18.56	18.55	18.50	19.00
15	256QAM	36	20	18.64	18.50	18.43	19.00
15	256QAM	36	39	18.66	18.70	18.62	19.00
15	256QAM	75	0	18.54	18.51	18.45	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.09	22.49	22.10	24.00
10	QPSK	1	25	22.15	22.07	22.08	24.00
10	QPSK	1	49	22.14	22.09	22.18	24.00
10	QPSK	25	0	22.07	21.84	21.88	23.00
10	QPSK	25	12	21.84	21.74	21.89	23.00
10	QPSK	25	25	21.89	21.88	21.97	23.00
10	QPSK	50	0	21.74	21.98	21.95	23.00
10	16QAM	1	0	22.06	22.03	22.06	23.00
10	16QAM	1	25	21.99	21.91	21.84	23.00
10	16QAM	1	49	22.02	21.95	21.85	23.00
10	16QAM	25	0	21.58	21.46	21.49	22.00
10	16QAM	25	12	21.58	21.59	21.61	22.00
10	16QAM	25	25	21.63	21.69	21.64	22.00
10	16QAM	50	0	21.67	21.66	21.68	22.00
10	64QAM	1	0	21.63	21.65	21.67	22.00
10	64QAM	1	25	21.69	21.60	21.65	22.00
10	64QAM	1	49	21.74	21.75	21.65	22.00
10	64QAM	25	0	20.64	20.52	20.51	21.00
10	64QAM	25	12	20.58	20.60	20.54	21.00
10	64QAM	25	25	20.76	20.71	20.71	21.00
10	64QAM	50	0	20.61	20.64	20.54	21.00
10	256QAM	1	0	18.80	18.54	18.62	19.00



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10	256QAM	1	25	18.84	18.71	18.73	19.00
10	256QAM	1	49	18.89	18.75	18.85	19.00
10	256QAM	25	0	18.58	18.64	18.47	19.00
10	256QAM	25	12	18.62	18.53	18.41	19.00
10	256QAM	25	25	18.61	18.64	18.63	19.00
10	256QAM	50	0	18.57	18.54	18.45	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.13	22.51	22.08	24.00
5	QPSK	1	12	22.15	22.18	22.15	24.00
5	QPSK	1	24	22.10	22.21	22.15	24.00
5	QPSK	12	0	22.04	21.89	21.95	23.00
5	QPSK	12	7	21.76	21.80	21.91	23.00
5	QPSK	12	13	21.91	21.84	21.96	23.00
5	QPSK	25	0	21.80	21.92	21.93	23.00
5	16QAM	1	0	21.99	22.03	22.03	23.00
5	16QAM	1	12	21.97	21.80	21.85	23.00
5	16QAM	1	24	22.06	21.88	21.78	23.00
5	16QAM	12	0	21.51	21.53	21.50	22.00
5	16QAM	12	7	21.68	21.69	21.62	22.00
5	16QAM	12	13	21.77	21.63	21.72	22.00
5	16QAM	25	0	21.66	21.66	21.70	22.00
5	64QAM	1	0	21.62	21.58	21.60	22.00
5	64QAM	1	12	21.75	21.56	21.59	22.00
5	64QAM	1	24	21.66	21.73	21.61	22.00
5	64QAM	12	0	20.69	20.46	20.49	21.00
5	64QAM	12	7	20.58	20.59	20.55	21.00
5	64QAM	12	13	20.76	20.65	20.78	21.00
5	64QAM	25	0	20.52	20.63	20.49	21.00
5	256QAM	1	0	18.81	18.66	18.69	19.00
5	256QAM	1	12	18.85	18.77	18.76	19.00
5	256QAM	1	24	18.87	18.74	18.79	19.00
5	256QAM	12	0	18.58	18.56	18.47	19.00
5	256QAM	12	7	18.63	18.54	18.40	19.00
5	256QAM	12	13	18.64	18.72	18.67	19.00
5	256QAM	25	0	18.54	18.54	18.46	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.06	22.47	22.16	24.00
3	QPSK	1	8	22.16	22.09	22.09	24.00
3	QPSK	1	14	22.09	22.09	22.17	24.00
3	QPSK	8	0	22.09	21.83	21.96	23.00
3	QPSK	8	4	21.76	21.75	21.88	23.00
3	QPSK	8	7	21.93	21.93	21.96	23.00
3	QPSK	15	0	21.73	21.98	21.87	23.00
3	16QAM	1	0	22.11	21.99	22.05	23.00
3	16QAM	1	8	22.00	21.80	21.84	23.00
3	16QAM	1	14	22.08	21.93	21.79	23.00
3	16QAM	8	0	21.51	21.47	21.55	22.00
3	16QAM	8	4	21.70	21.66	21.62	22.00
3	16QAM	8	7	21.67	21.69	21.67	22.00
3	16QAM	15	0	21.61	21.68	21.72	22.00
3	64QAM	1	0	21.55	21.68	21.59	22.00
3	64QAM	1	8	21.77	21.63	21.58	22.00
3	64QAM	1	14	21.68	21.73	21.62	22.00
3	64QAM	8	0	20.62	20.48	20.46	21.00
3	64QAM	8	4	20.59	20.52	20.66	21.00
3	64QAM	8	7	20.74	20.65	20.77	21.00
3	64QAM	15	0	20.55	20.61	20.45	21.00
3	256QAM	1	0	18.71	18.57	18.71	19.00
3	256QAM	1	8	18.76	18.74	18.69	19.00
3	256QAM	1	14	18.88	18.83	18.74	19.00
3	256QAM	8	0	18.55	18.53	18.46	19.00
3	256QAM	8	4	18.56	18.48	18.41	19.00
3	256QAM	8	7	18.70	18.61	18.61	19.00
3	256QAM	15	0	18.55	18.52	18.47	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.09	22.42	22.09	24.00
1.4	QPSK	1	3	22.15	22.07	22.04	24.00
1.4	QPSK	1	5	22.11	22.08	22.18	24.00
1.4	QPSK	3	0	22.01	22.01	22.00	24.00
1.4	QPSK	3	1	22.01	22.01	22.00	24.00
1.4	QPSK	3	3	22.00	22.00	22.00	24.00
1.4	QPSK	6	0	21.75	21.90	21.89	23.00
1.4	16QAM	1	0	22.03	22.09	22.15	23.00
1.4	16QAM	1	3	21.96	21.85	21.90	23.00
1.4	16QAM	1	5	22.01	21.86	21.87	23.00



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1.4	16QAM	3	0	21.58	21.52	21.50	23.00
1.4	16QAM	3	1	21.65	21.73	21.52	23.00
1.4	16QAM	3	3	21.68	21.74	21.62	23.00
1.4	16QAM	6	0	21.64	21.70	21.67	22.00
1.4	64QAM	1	0	21.53	21.64	21.65	22.00
1.4	64QAM	1	3	21.75	21.64	21.67	22.00
1.4	64QAM	1	5	21.62	21.67	21.71	22.00
1.4	64QAM	3	0	20.60	20.47	20.45	22.00
1.4	64QAM	3	1	20.63	20.49	20.54	22.00
1.4	64QAM	3	3	20.71	20.67	20.81	22.00
1.4	64QAM	6	0	20.64	20.65	20.56	21.00
1.4	256QAM	1	0	18.79	18.57	18.71	19.00
1.4	256QAM	1	3	18.83	18.71	18.68	19.00
1.4	256QAM	1	5	18.77	18.72	18.84	19.00
1.4	256QAM	3	0	18.50	18.58	18.46	19.00
1.4	256QAM	3	1	18.60	18.58	18.45	19.00
1.4	256QAM	3	3	18.69	18.62	18.58	19.00
1.4	256QAM	6	0	18.58	18.48	18.46	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.85	19.93	19.83	20.70
20	QPSK	1	49	19.73	19.81	19.75	20.70
20	QPSK	1	99	19.73	19.79	19.77	20.70
20	QPSK	50	0	19.85	19.88	19.86	20.70
20	QPSK	50	24	19.68	19.84	19.75	20.70
20	QPSK	50	50	19.69	19.81	19.75	20.70
20	QPSK	100	0	19.78	19.81	19.77	20.70
20	16QAM	1	0	19.69	19.80	19.69	20.70
20	16QAM	1	49	19.79	19.85	19.68	20.70
20	16QAM	1	99	19.78	19.88	19.76	20.70
20	16QAM	50	0	19.74	19.85	19.76	20.70
20	16QAM	50	24	19.76	19.80	19.76	20.70
20	16QAM	50	50	19.77	19.78	19.78	20.70
20	16QAM	100	0	19.77	19.84	19.74	20.70
20	64QAM	1	0	19.71	19.80	19.74	20.70
20	64QAM	1	49	19.79	19.87	19.70	20.70
20	64QAM	1	99	19.71	19.79	19.69	20.70
20	64QAM	50	0	19.68	19.87	19.69	20.70
20	64QAM	50	24	19.74	19.83	19.76	20.70
20	64QAM	50	50	19.73	19.86	19.78	20.70
20	64QAM	100	0	19.69	19.89	19.78	20.70
20	256QAM	1	0	17.99	18.00	18.02	19.00
20	256QAM	1	49	17.94	18.10	17.93	19.00
20	256QAM	1	99	18.00	18.02	17.92	19.00
20	256QAM	50	0	17.93	18.06	17.93	19.00
20	256QAM	50	24	17.92	18.10	18.01	19.00
20	256QAM	50	50	18.00	18.03	17.99	19.00
20	256QAM	100	0	17.98	18.12	17.99	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.81	19.90	19.73	20.70
15	QPSK	1	37	19.71	19.78	19.72	20.70
15	QPSK	1	74	19.60	19.74	19.72	20.70
15	QPSK	36	0	19.81	19.82	19.80	20.70
15	QPSK	36	20	19.66	19.78	19.67	20.70
15	QPSK	36	39	19.62	19.74	19.65	20.70
15	QPSK	75	0	19.75	19.71	19.72	20.70
15	16QAM	1	0	19.61	19.68	19.61	20.70
15	16QAM	1	37	19.75	19.70	19.67	20.70
15	16QAM	1	74	19.74	19.74	19.68	20.70
15	16QAM	36	0	19.61	19.78	19.72	20.70
15	16QAM	36	20	19.74	19.70	19.72	20.70
15	16QAM	36	39	19.70	19.66	19.77	20.70
15	16QAM	75	0	19.73	19.83	19.67	20.70
15	64QAM	1	0	19.65	19.72	19.61	20.70
15	64QAM	1	37	19.69	19.79	19.68	20.70
15	64QAM	1	74	19.70	19.69	19.57	20.70
15	64QAM	36	0	19.66	19.85	19.57	20.70
15	64QAM	36	20	19.61	19.81	19.69	20.70



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15	64QAM	36	39	19.60	19.84	19.71	20.70
15	64QAM	75	0	19.58	19.78	19.74	20.70
15	256QAM	1	0	17.14	17.02	17.11	19.00
15	256QAM	1	37	17.05	17.07	17.01	19.00
15	256QAM	1	74	17.02	17.02	17.12	19.00
15	256QAM	36	0	17.05	17.06	17.01	19.00
15	256QAM	36	20	17.11	17.11	17.00	19.00
15	256QAM	36	39	17.05	17.02	17.10	19.00
15	256QAM	75	0	17.01	17.09	17.07	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.76	19.91	19.72	20.70
10	QPSK	1	25	19.64	19.68	19.61	20.70
10	QPSK	1	49	19.63	19.73	19.71	20.70
10	QPSK	25	0	19.72	19.76	19.72	20.70
10	QPSK	25	12	19.63	19.72	19.62	20.70
10	QPSK	25	25	19.66	19.77	19.61	20.70
10	QPSK	50	0	19.76	19.75	19.65	20.70
10	16QAM	1	0	19.54	19.68	19.68	20.70
10	16QAM	1	25	19.75	19.73	19.57	20.70
10	16QAM	1	49	19.66	19.82	19.69	20.70
10	16QAM	25	0	19.70	19.77	19.71	20.70
10	16QAM	25	12	19.65	19.75	19.72	20.70
10	16QAM	25	25	19.64	19.65	19.64	20.70
10	16QAM	50	0	19.66	19.69	19.60	20.70
10	64QAM	1	0	19.67	19.68	19.67	20.70
10	64QAM	1	25	19.74	19.77	19.56	20.70
10	64QAM	1	49	19.67	19.70	19.62	20.70
10	64QAM	25	0	19.55	19.73	19.55	20.70
10	64QAM	25	12	19.60	19.75	19.71	20.70
10	64QAM	25	25	19.68	19.84	19.70	20.70
10	64QAM	50	0	19.61	19.75	19.75	20.70
10	256QAM	1	0	17.14	17.05	17.13	19.00
10	256QAM	1	25	17.06	17.06	17.12	19.00
10	256QAM	1	49	17.06	17.04	17.06	19.00
10	256QAM	25	0	17.14	17.03	17.15	19.00
10	256QAM	25	12	17.05	17.08	17.12	19.00
10	256QAM	25	25	17.09	17.02	17.07	19.00
10	256QAM	50	0	17.01	17.11	17.02	19.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.81	19.92	19.73	20.70
5	QPSK	1	12	19.65	19.75	19.62	20.70
5	QPSK	1	24	19.69	19.67	19.76	20.70
5	QPSK	12	0	19.71	19.76	19.78	20.70
5	QPSK	12	7	19.63	19.74	19.61	20.70
5	QPSK	12	13	19.64	19.69	19.72	20.70
5	QPSK	25	0	19.71	19.79	19.64	20.70
5	16QAM	1	0	19.60	19.75	19.64	20.70
5	16QAM	1	12	19.68	19.80	19.58	20.70
5	16QAM	1	24	19.73	19.82	19.70	20.70
5	16QAM	12	0	19.64	19.72	19.69	20.70
5	16QAM	12	7	19.62	19.66	19.63	20.70
5	16QAM	12	13	19.76	19.73	19.65	20.70
5	16QAM	25	0	19.70	19.83	19.73	20.70
5	64QAM	1	0	19.61	19.74	19.69	20.70
5	64QAM	1	12	19.76	19.80	19.65	20.70
5	64QAM	1	24	19.61	19.66	19.67	20.70
5	64QAM	12	0	19.61	19.79	19.55	20.70
5	64QAM	12	7	19.69	19.69	19.71	20.70
5	64QAM	12	13	19.72	19.84	19.71	20.70
5	64QAM	25	0	19.56	19.75	19.74	20.70
5	256QAM	1	0	17.04	17.04	17.10	19.00
5	256QAM	1	12	17.15	17.02	17.07	19.00
5	256QAM	1	24	17.02	17.09	17.03	19.00
5	256QAM	12	0	17.02	17.05	17.12	19.00
5	256QAM	12	7	17.15	17.04	17.05	19.00
5	256QAM	12	13	17.11	17.04	17.09	19.00
5	256QAM	25	0	17.07	17.14	17.09	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.83	19.90	19.78	20.70
3	QPSK	1	8	19.58	19.67	19.74	20.70
3	QPSK	1	14	19.70	19.65	19.68	20.70
3	QPSK	8	0	19.81	19.77	19.73	20.70
3	QPSK	8	4	19.65	19.70	19.69	20.70
3	QPSK	8	7	19.63	19.70	19.70	20.70
3	QPSK	15	0	19.77	19.66	19.73	20.70



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3	16QAM	1	0	19.60	19.68	19.63	20.70
3	16QAM	1	8	19.66	19.80	19.62	20.70
3	16QAM	1	14	19.67	19.81	19.69	20.70
3	16QAM	8	0	19.64	19.74	19.66	20.70
3	16QAM	8	4	19.63	19.66	19.70	20.70
3	16QAM	8	7	19.63	19.75	19.64	20.70
3	16QAM	15	0	19.69	19.80	19.61	20.70
3	64QAM	1	0	19.60	19.69	19.71	20.70
3	64QAM	1	8	19.66	19.74	19.65	20.70
3	64QAM	1	14	19.62	19.68	19.61	20.70
3	64QAM	8	0	19.65	19.77	19.61	20.70
3	64QAM	8	4	19.65	19.74	19.74	20.70
3	64QAM	8	7	19.63	19.78	19.67	20.70
3	64QAM	15	0	19.58	19.74	19.69	20.70
3	256QAM	1	0	17.01	17.14	17.13	19.00
3	256QAM	1	8	17.02	17.14	17.02	19.00
3	256QAM	1	14	17.05	17.14	17.00	19.00
3	256QAM	8	0	17.11	17.10	17.06	19.00
3	256QAM	8	4	17.05	17.03	17.03	19.00
3	256QAM	8	7	17.07	17.05	17.15	19.00
3	256QAM	15	0	17.05	17.00	17.09	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.80	19.87	19.82	20.70
1.4	QPSK	1	3	19.62	19.74	19.68	20.70
1.4	QPSK	1	5	19.67	19.66	19.70	20.70
1.4	QPSK	3	0	19.77	19.80	19.83	20.70
1.4	QPSK	3	1	19.64	19.74	19.69	20.70
1.4	QPSK	3	3	19.63	19.69	19.68	20.70
1.4	QPSK	6	0	19.65	19.71	19.72	20.70
1.4	16QAM	1	0	19.55	19.68	19.61	20.70
1.4	16QAM	1	3	19.64	19.79	19.63	20.70
1.4	16QAM	1	5	19.77	19.86	19.70	20.70
1.4	16QAM	3	0	19.60	19.82	19.72	20.70
1.4	16QAM	3	1	19.62	19.73	19.62	20.70
1.4	16QAM	3	3	19.75	19.68	19.72	20.70
1.4	16QAM	6	0	19.68	19.74	19.71	20.70
1.4	64QAM	1	0	19.59	19.72	19.62	20.70
1.4	64QAM	1	3	19.76	19.76	19.58	20.70
1.4	64QAM	1	5	19.66	19.70	19.61	20.70
1.4	64QAM	3	0	19.63	19.85	19.68	20.70
1.4	64QAM	3	1	19.70	19.70	19.67	20.70
1.4	64QAM	3	3	19.66	19.85	19.65	20.70
1.4	64QAM	6	0	19.65	19.78	19.67	20.70
1.4	256QAM	1	0	17.14	17.09	17.09	19.00
1.4	256QAM	1	3	17.14	17.02	17.10	19.00
1.4	256QAM	1	5	17.05	17.01	17.08	19.00
1.4	256QAM	3	0	17.06	17.08	17.03	19.00
1.4	256QAM	3	1	17.00	17.04	17.12	19.00
1.4	256QAM	3	3	17.14	17.09	17.01	19.00
1.4	256QAM	6	0	17.15	17.12	17.11	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.39	16.43	16.40	17.40
20	QPSK	1	49	16.23	16.38	16.24	17.40
20	QPSK	1	99	16.26	16.34	16.27	17.40
20	QPSK	50	0	16.37	16.41	16.38	17.40
20	QPSK	50	24	16.29	16.32	16.22	17.40
20	QPSK	50	50	16.30	16.36	16.24	17.40
20	QPSK	100	0	16.21	16.36	16.24	17.40
20	16QAM	1	0	16.23	16.38	16.25	17.40
20	16QAM	1	49	16.22	16.35	16.22	17.40
20	16QAM	1	99	16.26	16.41	16.30	17.40
20	16QAM	50	0	16.24	16.30	16.29	17.40
20	16QAM	50	24	16.30	16.39	16.30	17.40
20	16QAM	50	50	16.33	16.31	16.31	17.40
20	16QAM	100	0	16.28	16.36	16.23	17.40
20	64QAM	1	0	16.27	16.40	16.26	17.40
20	64QAM	1	49	16.29	16.36	16.31	17.40



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20	64QAM	1	99	16.26	16.32	16.30	17.40
20	64QAM	50	0	16.27	16.31	16.26	17.40
20	64QAM	50	24	16.26	16.32	16.20	17.40
20	64QAM	50	50	16.25	16.36	16.23	17.40
20	64QAM	100	0	16.33	16.33	16.22	17.40
20	256QAM	1	0	16.25	16.39	16.21	17.40
20	256QAM	1	49	16.31	16.36	16.20	17.40
20	256QAM	1	99	16.21	16.32	16.28	17.40
20	256QAM	50	0	16.23	16.32	16.22	17.40
20	256QAM	50	24	16.26	16.42	16.26	17.40
20	256QAM	50	50	16.22	16.31	16.22	17.40
20	256QAM	100	0	16.30	16.42	16.21	17.40
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.25	16.37	16.36	17.40
15	QPSK	1	37	16.15	16.30	16.12	17.40
15	QPSK	1	74	16.17	16.20	16.15	17.40
15	QPSK	36	0	16.23	16.33	16.36	17.40
15	QPSK	36	20	16.14	16.24	16.11	17.40
15	QPSK	36	39	16.24	16.28	16.11	17.40
15	QPSK	75	0	16.14	16.23	16.22	17.40
15	16QAM	1	0	16.08	16.32	16.12	17.40
15	16QAM	1	37	16.07	16.26	16.07	17.40
15	16QAM	1	74	16.24	16.33	16.21	17.40
15	16QAM	36	0	16.17	16.27	16.25	17.40
15	16QAM	36	20	16.24	16.33	16.20	17.40
15	16QAM	36	39	16.30	16.23	16.30	17.40
15	16QAM	75	0	16.24	16.33	16.17	17.40
15	64QAM	1	0	16.23	16.36	16.15	17.40
15	64QAM	1	37	16.16	16.28	16.28	17.40
15	64QAM	1	74	16.13	16.22	16.26	17.40
15	64QAM	36	0	16.18	16.27	16.19	17.40
15	64QAM	36	20	16.21	16.21	16.15	17.40
15	64QAM	36	39	16.19	16.22	16.19	17.40
15	64QAM	75	0	16.31	16.27	16.15	17.40
15	256QAM	1	0	16.22	16.27	16.13	17.40
15	256QAM	1	37	16.19	16.31	16.06	17.40
15	256QAM	1	74	16.12	16.20	16.16	17.40
15	256QAM	36	0	16.16	16.17	16.11	17.40
15	256QAM	36	20	16.22	16.36	16.13	17.40
15	256QAM	36	39	16.12	16.23	16.08	17.40
15	256QAM	75	0	16.18	16.29	16.15	17.40
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.28	16.40	16.37	17.40
10	QPSK	1	25	16.11	16.26	16.22	17.40
10	QPSK	1	49	16.24	16.25	16.23	17.40
10	QPSK	25	0	16.35	16.34	16.31	17.40
10	QPSK	25	12	16.16	16.23	16.14	17.40
10	QPSK	25	25	16.23	16.32	16.18	17.40
10	QPSK	50	0	16.16	16.29	16.22	17.40
10	16QAM	1	0	16.12	16.23	16.12	17.40
10	16QAM	1	25	16.18	16.27	16.14	17.40
10	16QAM	1	49	16.18	16.36	16.28	17.40
10	16QAM	25	0	16.14	16.25	16.26	17.40
10	16QAM	25	12	16.18	16.26	16.20	17.40
10	16QAM	25	25	16.23	16.27	16.20	17.40
10	16QAM	50	0	16.26	16.28	16.14	17.40
10	64QAM	1	0	16.14	16.34	16.17	17.40
10	64QAM	1	25	16.18	16.28	16.17	17.40
10	64QAM	1	49	16.23	16.20	16.23	17.40
10	64QAM	25	0	16.13	16.26	16.22	17.40
10	64QAM	25	12	16.17	16.18	16.07	17.40
10	64QAM	25	25	16.12	16.34	16.11	17.40
10	64QAM	50	0	16.22	16.21	16.17	17.40
10	256QAM	1	0	16.16	16.32	16.14	17.40
10	256QAM	1	25	16.22	16.34	16.10	17.40
10	256QAM	1	49	16.19	16.31	16.22	17.40
10	256QAM	25	0	16.18	16.30	16.16	17.40
10	256QAM	25	12	16.14	16.34	16.23	17.40
10	256QAM	25	25	16.10	16.29	16.14	17.40
10	256QAM	50	0	16.25	16.37	16.19	17.40
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.28	16.40	16.27	17.40
5	QPSK	1	12	16.11	16.32	16.23	17.40
5	QPSK	1	24	16.24	16.25	16.17	17.40
5	QPSK	12	0	16.33	16.38	16.29	17.40



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5	QPSK	12	7	16.21	16.22	16.15	17.40
5	QPSK	12	13	16.23	16.25	16.14	17.40
5	QPSK	25	0	16.14	16.29	16.22	17.40
5	16QAM	1	0	16.18	16.31	16.19	17.40
5	16QAM	1	12	16.08	16.26	16.08	17.40
5	16QAM	1	24	16.16	16.33	16.26	17.40
5	16QAM	12	0	16.19	16.22	16.22	17.40
5	16QAM	12	7	16.28	16.32	16.19	17.40
5	16QAM	12	13	16.26	16.24	16.25	17.40
5	16QAM	25	0	16.20	16.23	16.09	17.40
5	64QAM	1	0	16.12	16.35	16.19	17.40
5	64QAM	1	12	16.20	16.28	16.28	17.40
5	64QAM	1	24	16.25	16.22	16.16	17.40
5	64QAM	12	0	16.18	16.29	16.21	17.40
5	64QAM	12	7	16.17	16.31	16.12	17.40
5	64QAM	12	13	16.17	16.28	16.19	17.40
5	64QAM	25	0	16.27	16.22	16.13	17.40
5	256QAM	1	0	16.16	16.36	16.14	17.40
5	256QAM	1	12	16.21	16.33	16.07	17.40
5	256QAM	1	24	16.10	16.19	16.13	17.40
5	256QAM	12	0	16.15	16.19	16.19	17.40
5	256QAM	12	7	16.21	16.33	16.17	17.40
5	256QAM	12	13	16.08	16.19	16.08	17.40
5	256QAM	25	0	16.23	16.32	16.08	17.40
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.28	16.35	16.27	17.40
3	QPSK	1	8	16.15	16.26	16.09	17.40
3	QPSK	1	14	16.21	16.21	16.24	17.40
3	QPSK	8	0	16.31	16.34	16.32	17.40
3	QPSK	8	4	16.18	16.22	16.19	17.40
3	QPSK	8	7	16.17	16.32	16.22	17.40
3	QPSK	15	0	16.12	16.24	16.18	17.40
3	16QAM	1	0	16.13	16.27	16.17	17.40
3	16QAM	1	8	16.16	16.25	16.17	17.40
3	16QAM	1	14	16.19	16.35	16.19	17.40
3	16QAM	8	0	16.22	16.21	16.17	17.40
3	16QAM	8	4	16.21	16.29	16.26	17.40
3	16QAM	8	7	16.25	16.16	16.25	17.40
3	16QAM	15	0	16.24	16.28	16.20	17.40
3	64QAM	1	0	16.26	16.27	16.17	17.40
3	64QAM	1	8	16.22	16.33	16.29	17.40
3	64QAM	1	14	16.21	16.21	16.23	17.40
3	64QAM	8	0	16.22	16.26	16.19	17.40
3	64QAM	8	4	16.13	16.24	16.08	17.40
3	64QAM	8	7	16.19	16.31	16.17	17.40
3	64QAM	15	0	16.25	16.22	16.19	17.40
3	256QAM	1	0	16.19	16.26	16.10	17.40
3	256QAM	1	8	16.21	16.34	16.05	17.40
3	256QAM	1	14	16.11	16.28	16.22	17.40
3	256QAM	8	0	16.20	16.20	16.17	17.40
3	256QAM	8	4	16.20	16.30	16.15	17.40
3	256QAM	8	7	16.18	16.24	16.12	17.40
3	256QAM	15	0	16.21	16.34	16.14	17.40
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.35	16.42	16.26	17.40
1.4	QPSK	1	3	16.13	16.32	16.17	17.40
1.4	QPSK	1	5	16.23	16.28	16.21	17.40
1.4	QPSK	3	0	16.26	16.33	16.30	17.40
1.4	QPSK	3	1	16.23	16.26	16.17	17.40
1.4	QPSK	3	3	16.25	16.28	16.09	17.40
1.4	QPSK	6	0	16.16	16.27	16.20	17.40
1.4	16QAM	1	0	16.18	16.30	16.11	17.40
1.4	16QAM	1	3	16.16	16.27	16.10	17.40
1.4	16QAM	1	5	16.22	16.26	16.23	17.40
1.4	16QAM	3	0	16.21	16.28	16.17	17.40
1.4	16QAM	3	1	16.25	16.24	16.16	17.40
1.4	16QAM	3	3	16.25	16.16	16.28	17.40
1.4	16QAM	6	0	16.23	16.33	16.14	17.40
1.4	64QAM	1	0	16.20	16.29	16.14	17.40
1.4	64QAM	1	3	16.15	16.30	16.20	17.40
1.4	64QAM	1	5	16.12	16.29	16.16	17.40
1.4	64QAM	3	0	16.15	16.16	16.18	17.40
1.4	64QAM	3	1	16.11	16.27	16.10	17.40
1.4	64QAM	3	3	16.17	16.29	16.11	17.40
1.4	64QAM	6	0	16.22	16.21	16.20	17.40
1.4	256QAM	1	0	16.12	16.34	16.14	17.40



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1.4	256QAM	1	3	16.30	16.33	16.15	17.40
1.4	256QAM	1	5	16.16	16.22	16.20	17.40
1.4	256QAM	3	0	16.14	16.24	16.19	17.40
1.4	256QAM	3	1	16.21	16.41	16.12	17.40
1.4	256QAM	3	3	16.09	16.20	16.19	17.40
1.4	256QAM	6	0	16.27	16.35	16.15	17.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.96	22.15	21.90	23.70
20	QPSK	1	49	21.83	21.85	21.77	23.70
20	QPSK	1	99	21.79	21.83	21.89	23.70
20	QPSK	50	0	21.87	21.92	21.87	23.00
20	QPSK	50	24	21.82	21.86	21.75	23.00
20	QPSK	50	50	21.84	21.88	21.82	23.00
20	QPSK	100	0	21.79	21.80	21.81	23.00
20	16QAM	1	0	21.86	21.80	21.74	23.00
20	16QAM	1	49	21.85	21.78	21.76	23.00
20	16QAM	1	99	21.78	21.78	21.81	23.00
20	16QAM	50	0	20.66	20.77	20.73	22.00
20	16QAM	50	24	20.61	20.63	20.64	22.00
20	16QAM	50	50	20.64	20.60	20.70	22.00
20	16QAM	100	0	20.63	20.68	20.71	22.00
20	64QAM	1	0	20.63	20.64	20.60	22.00
20	64QAM	1	49	20.64	20.64	20.59	22.00
20	64QAM	1	99	20.61	20.57	20.64	22.00
20	64QAM	50	0	19.72	19.80	19.76	21.00
20	64QAM	50	24	19.59	19.62	19.60	21.00
20	64QAM	50	50	19.66	19.58	19.65	21.00
20	64QAM	100	0	19.71	19.72	19.64	21.00
20	256QAM	1	0	17.75	17.74	17.72	19.00
20	256QAM	1	49	17.67	17.65	17.59	19.00
20	256QAM	1	99	17.65	17.65	17.69	19.00
20	256QAM	50	0	17.66	17.72	17.63	19.00
20	256QAM	50	24	17.61	17.59	17.62	19.00
20	256QAM	50	50	17.62	17.63	17.56	19.00
20	256QAM	100	0	17.60	17.66	17.65	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.89	21.91	21.87	23.70
15	QPSK	1	37	21.79	21.73	21.74	23.70
15	QPSK	1	74	21.71	21.75	21.75	23.70
15	QPSK	36	0	21.16	21.17	21.10	23.00
15	QPSK	36	20	21.04	21.03	21.07	23.00
15	QPSK	36	39	21.13	21.02	21.04	23.00
15	QPSK	75	0	21.02	21.02	21.07	23.00
15	16QAM	1	0	21.03	21.01	21.03	23.00
15	16QAM	1	37	21.02	21.09	21.04	23.00
15	16QAM	1	74	21.01	21.02	21.09	23.00
15	16QAM	36	0	20.02	20.04	20.12	22.00
15	16QAM	36	20	20.03	20.10	20.04	22.00
15	16QAM	36	39	20.06	20.13	20.03	22.00
15	16QAM	75	0	20.04	20.06	20.03	22.00
15	64QAM	1	0	20.06	20.07	20.08	22.00
15	64QAM	1	37	20.13	20.14	20.13	22.00
15	64QAM	1	74	20.11	20.05	20.08	22.00
15	64QAM	36	0	19.09	19.04	19.07	21.00
15	64QAM	36	20	19.12	19.15	19.12	21.00
15	64QAM	36	39	19.06	19.05	19.05	21.00
15	64QAM	75	0	19.06	19.02	19.05	21.00
15	256QAM	1	0	17.10	17.04	17.08	19.00
15	256QAM	1	37	17.07	17.07	17.03	19.00
15	256QAM	1	74	17.05	17.09	17.09	19.00
15	256QAM	36	0	17.02	17.02	17.12	19.00
15	256QAM	36	20	17.06	17.07	17.05	19.00
15	256QAM	36	39	17.08	17.02	17.12	19.00
15	256QAM	75	0	17.05	17.06	17.09	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.95	21.96	21.86	23.70



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10	QPSK	1	25	21.82	21.73	21.75	23.70
10	QPSK	1	49	21.77	21.76	21.77	23.70
10	QPSK	25	0	21.03	21.19	21.12	23.00
10	QPSK	25	12	21.08	21.14	21.14	23.00
10	QPSK	25	25	21.04	21.08	21.05	23.00
10	QPSK	50	0	21.02	21.04	21.05	23.00
10	16QAM	1	0	21.06	21.10	21.14	23.00
10	16QAM	1	25	21.07	21.01	21.00	23.00
10	16QAM	1	49	21.06	21.02	21.09	23.00
10	16QAM	25	0	20.02	20.06	20.14	22.00
10	16QAM	25	12	20.08	20.05	20.14	22.00
10	16QAM	25	25	20.06	20.09	20.01	22.00
10	16QAM	50	0	20.12	20.05	20.03	22.00
10	64QAM	1	0	20.15	20.00	20.12	22.00
10	64QAM	1	25	20.12	20.12	20.03	22.00
10	64QAM	1	49	20.01	20.10	20.03	22.00
10	64QAM	25	0	19.03	19.02	19.04	21.00
10	64QAM	25	12	19.05	19.02	19.07	21.00
10	64QAM	25	25	19.07	19.03	19.14	21.00
10	64QAM	50	0	19.12	19.13	19.08	21.00
10	256QAM	1	0	17.10	17.07	17.04	19.00
10	256QAM	1	25	17.02	17.01	17.09	19.00
10	256QAM	1	49	17.05	17.11	17.10	19.00
10	256QAM	25	0	17.12	17.05	17.03	19.00
10	256QAM	25	12	17.11	17.13	17.04	19.00
10	256QAM	25	25	17.01	17.13	17.11	19.00
10	256QAM	50	0	17.10	17.08	17.06	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.82	21.85	21.78	23.70
5	QPSK	1	12	21.82	21.77	21.79	23.70
5	QPSK	1	24	21.82	21.78	21.75	23.70
5	QPSK	12	0	21.11	21.10	21.16	23.00
5	QPSK	12	7	21.04	21.09	21.06	23.00
5	QPSK	12	13	21.10	21.01	21.00	23.00
5	QPSK	25	0	21.11	21.09	21.08	23.00
5	16QAM	1	0	21.10	21.09	21.01	23.00
5	16QAM	1	12	21.14	21.11	21.05	23.00
5	16QAM	1	24	21.08	21.06	21.01	23.00
5	16QAM	12	0	20.11	20.04	20.07	22.00
5	16QAM	12	7	20.04	20.03	20.10	22.00
5	16QAM	12	13	20.00	20.11	20.02	22.00
5	16QAM	25	0	20.01	20.09	20.06	22.00
5	64QAM	1	0	20.13	20.09	20.02	22.00
5	64QAM	1	12	20.03	20.08	20.05	22.00
5	64QAM	1	24	20.00	20.07	20.07	22.00
5	64QAM	12	0	19.09	19.14	19.08	21.00
5	64QAM	12	7	19.14	19.15	19.06	21.00
5	64QAM	12	13	19.06	19.12	19.11	21.00
5	64QAM	25	0	19.07	19.04	19.13	21.00
5	256QAM	1	0	17.10	17.02	17.02	19.00
5	256QAM	1	12	17.12	17.00	17.12	19.00
5	256QAM	1	24	17.07	17.05	17.07	19.00
5	256QAM	12	0	17.13	17.06	17.10	19.00
5	256QAM	12	7	17.06	17.04	17.10	19.00
5	256QAM	12	13	17.12	17.03	17.03	19.00
5	256QAM	25	0	17.13	17.09	17.13	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.89	21.95	21.85	23.70
3	QPSK	1	8	21.76	21.77	21.80	23.70
3	QPSK	1	14	21.78	21.76	21.73	23.70
3	QPSK	8	0	21.04	21.15	21.09	23.00
3	QPSK	8	4	21.04	21.09	21.12	23.00
3	QPSK	8	7	21.01	21.11	21.08	23.00
3	QPSK	15	0	21.02	21.13	21.07	23.00
3	16QAM	1	0	21.03	21.05	21.04	23.00
3	16QAM	1	8	21.12	21.01	21.01	23.00
3	16QAM	1	14	21.05	21.04	21.05	23.00
3	16QAM	8	0	20.03	20.12	20.14	22.00
3	16QAM	8	4	20.01	20.07	20.02	22.00
3	16QAM	8	7	20.02	20.02	20.03	22.00
3	16QAM	15	0	20.02	20.09	20.04	22.00
3	64QAM	1	0	20.07	20.05	20.02	22.00
3	64QAM	1	8	20.13	20.12	20.09	22.00
3	64QAM	1	14	20.10	20.15	20.01	22.00
3	64QAM	8	0	19.13	19.11	19.01	21.00
3	64QAM	8	4	19.04	19.07	19.01	21.00



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3	64QAM	8	7	19.01	19.02	19.08	21.00
3	64QAM	15	0	19.13	19.14	19.05	21.00
3	256QAM	1	0	17.08	17.10	17.14	19.00
3	256QAM	1	8	17.14	17.11	17.12	19.00
3	256QAM	1	14	17.03	17.12	17.05	19.00
3	256QAM	8	0	17.10	17.11	17.07	19.00
3	256QAM	8	4	17.13	17.05	17.14	19.00
3	256QAM	8	7	17.02	17.15	17.13	19.00
3	256QAM	15	0	17.08	17.10	17.06	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.87	21.92	21.81	23.70
1.4	QPSK	1	3	21.81	21.84	21.73	23.70
1.4	QPSK	1	5	21.74	21.81	21.75	23.70
1.4	QPSK	3	0	21.84	21.89	21.86	23.70
1.4	QPSK	3	1	21.74	21.78	21.80	23.70
1.4	QPSK	3	3	21.72	21.73	21.72	23.70
1.4	QPSK	6	0	21.14	21.08	21.08	23.00
1.4	16QAM	1	0	21.04	21.00	21.09	23.00
1.4	16QAM	1	3	21.15	21.05	21.02	23.00
1.4	16QAM	1	5	21.02	21.00	21.06	23.00
1.4	16QAM	3	0	21.10	21.09	21.01	23.00
1.4	16QAM	3	1	21.05	21.05	21.02	23.00
1.4	16QAM	3	3	21.10	21.00	21.15	23.00
1.4	16QAM	6	0	20.01	20.11	20.14	22.00
1.4	64QAM	1	0	20.11	20.09	20.08	22.00
1.4	64QAM	1	3	20.04	20.07	20.11	22.00
1.4	64QAM	1	5	20.04	20.04	20.11	22.00
1.4	64QAM	3	0	20.08	20.07	20.10	22.00
1.4	64QAM	3	1	20.08	20.10	20.05	22.00
1.4	64QAM	3	3	20.06	20.02	20.03	22.00
1.4	64QAM	6	0	19.06	19.03	19.12	21.00
1.4	256QAM	1	0	19.05	19.10	19.13	21.00
1.4	256QAM	1	3	19.04	19.09	19.14	21.00
1.4	256QAM	1	5	19.04	19.11	19.08	21.00
1.4	256QAM	3	0	19.09	19.08	19.02	21.00
1.4	256QAM	3	1	19.10	19.05	19.13	21.00
1.4	256QAM	3	3	19.06	19.01	19.06	21.00
1.4	256QAM	6	0	19.03	19.13	19.08	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.46	22.57	22.48	24.00
20	QPSK	1	49	22.25	22.20	22.18	24.00
20	QPSK	1	99	22.18	22.22	22.26	24.00
20	QPSK	50	0	22.11	22.15	22.03	23.00
20	QPSK	50	24	21.86	21.89	21.95	23.00
20	QPSK	50	50	22.00	21.94	22.02	23.00
20	QPSK	100	0	21.86	22.00	21.98	23.00
20	16QAM	1	0	22.13	22.12	22.16	23.00
20	16QAM	1	49	22.04	21.93	21.94	23.00
20	16QAM	1	99	22.14	22.00	21.89	23.00
20	16QAM	50	0	21.62	21.55	21.61	22.00
20	16QAM	50	24	21.71	21.74	21.65	22.00
20	16QAM	50	50	21.78	21.77	21.76	22.00
20	16QAM	100	0	21.70	21.77	21.75	22.00
20	64QAM	1	0	21.66	21.70	21.71	22.00
20	64QAM	1	49	21.80	21.68	21.71	22.00
20	64QAM	1	99	21.76	21.79	21.72	22.00
20	64QAM	50	0	20.72	20.58	20.55	21.00
20	64QAM	50	24	20.68	20.61	20.67	21.00
20	64QAM	50	50	20.83	20.73	20.83	21.00
20	64QAM	100	0	20.67	20.66	20.59	21.00
20	256QAM	1	0	18.82	18.69	18.76	19.00
20	256QAM	1	49	18.87	18.79	18.80	19.00
20	256QAM	1	99	18.91	18.84	18.88	19.00
20	256QAM	50	0	18.62	18.65	18.60	19.00
20	256QAM	50	24	18.65	18.61	18.54	19.00
20	256QAM	50	50	18.73	18.74	18.69	19.00
20	256QAM	100	0	18.62	18.62	18.57	19.00



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Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.12	22.49	22.11	24.00
15	QPSK	1	37	22.16	22.06	22.04	24.00
15	QPSK	1	74	22.11	22.16	22.14	24.00
15	QPSK	36	0	21.98	21.83	21.94	23.00
15	QPSK	36	20	21.79	21.74	21.81	23.00
15	QPSK	36	39	21.98	21.87	22.00	23.00
15	QPSK	75	0	21.73	21.92	21.92	23.00
15	16QAM	1	0	21.99	22.02	22.15	23.00
15	16QAM	1	37	21.90	21.85	21.79	23.00
15	16QAM	1	74	22.13	21.93	21.81	23.00
15	16QAM	36	0	21.58	21.41	21.55	22.00
15	16QAM	36	20	21.67	21.66	21.52	22.00
15	16QAM	36	39	21.74	21.76	21.72	22.00
15	16QAM	75	0	21.66	21.73	21.63	22.00
15	64QAM	1	0	21.64	21.65	21.64	22.00
15	64QAM	1	37	21.65	21.54	21.69	22.00
15	64QAM	1	74	21.72	21.72	21.65	22.00
15	64QAM	36	0	20.61	20.43	20.44	21.00
15	64QAM	36	20	20.57	20.59	20.60	21.00
15	64QAM	36	39	20.75	20.64	20.69	21.00
15	64QAM	75	0	20.57	20.60	20.52	21.00
15	256QAM	1	0	18.71	18.60	18.67	19.00
15	256QAM	1	37	18.73	18.66	18.67	19.00
15	256QAM	1	74	18.82	18.69	18.76	19.00
15	256QAM	36	0	18.56	18.55	18.50	19.00
15	256QAM	36	20	18.64	18.50	18.43	19.00
15	256QAM	36	39	18.66	18.70	18.62	19.00
15	256QAM	75	0	18.54	18.51	18.45	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.09	22.49	22.10	24.00
10	QPSK	1	25	22.15	22.07	22.08	24.00
10	QPSK	1	49	22.14	22.09	22.18	24.00
10	QPSK	25	0	22.07	21.84	21.88	23.00
10	QPSK	25	12	21.84	21.74	21.89	23.00
10	QPSK	25	25	21.89	21.88	21.97	23.00
10	QPSK	50	0	21.74	21.98	21.95	23.00
10	16QAM	1	0	22.06	22.03	22.06	23.00
10	16QAM	1	25	21.99	21.91	21.84	23.00
10	16QAM	1	49	22.02	21.95	21.85	23.00
10	16QAM	25	0	21.58	21.46	21.49	22.00
10	16QAM	25	12	21.58	21.59	21.61	22.00
10	16QAM	25	25	21.63	21.69	21.64	22.00
10	16QAM	50	0	21.67	21.66	21.68	22.00
10	64QAM	1	0	21.63	21.65	21.67	22.00
10	64QAM	1	25	21.69	21.60	21.65	22.00
10	64QAM	1	49	21.74	21.75	21.65	22.00
10	64QAM	25	0	20.64	20.52	20.51	21.00
10	64QAM	25	12	20.58	20.60	20.54	21.00
10	64QAM	25	25	20.76	20.71	20.71	21.00
10	64QAM	50	0	20.61	20.64	20.54	21.00
10	256QAM	1	0	18.80	18.54	18.62	19.00
10	256QAM	1	25	18.84	18.71	18.73	19.00
10	256QAM	1	49	18.89	18.75	18.85	19.00
10	256QAM	25	0	18.58	18.64	18.47	19.00
10	256QAM	25	12	18.62	18.53	18.41	19.00
10	256QAM	25	25	18.61	18.64	18.63	19.00
10	256QAM	50	0	18.57	18.54	18.45	19.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.13	22.51	22.08	24.00
5	QPSK	1	12	22.15	22.18	22.15	24.00
5	QPSK	1	24	22.10	22.21	22.15	24.00
5	QPSK	12	0	22.04	21.89	21.95	23.00
5	QPSK	12	7	21.76	21.80	21.91	23.00
5	QPSK	12	13	21.91	21.84	21.96	23.00
5	QPSK	25	0	21.80	21.92	21.93	23.00
5	16QAM	1	0	21.99	22.03	22.03	23.00
5	16QAM	1	12	21.97	21.80	21.85	23.00
5	16QAM	1	24	22.06	21.88	21.78	23.00
5	16QAM	12	0	21.51	21.53	21.50	22.00
5	16QAM	12	7	21.68	21.69	21.62	22.00
5	16QAM	12	13	21.77	21.63	21.72	22.00
5	16QAM	25	0	21.66	21.66	21.70	22.00
5	64QAM	1	0	21.62	21.58	21.60	22.00
5	64QAM	1	12	21.75	21.56	21.59	22.00



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5	64QAM	1	24	21.66	21.73	21.61	22.00
5	64QAM	12	0	20.69	20.46	20.49	21.00
5	64QAM	12	7	20.58	20.59	20.55	21.00
5	64QAM	12	13	20.76	20.65	20.78	21.00
5	64QAM	25	0	20.52	20.63	20.49	21.00
5	256QAM	1	0	18.81	18.66	18.69	19.00
5	256QAM	1	12	18.85	18.77	18.76	19.00
5	256QAM	1	24	18.87	18.74	18.79	19.00
5	256QAM	12	0	18.58	18.56	18.47	19.00
5	256QAM	12	7	18.63	18.54	18.40	19.00
5	256QAM	12	13	18.64	18.72	18.67	19.00
5	256QAM	25	0	18.54	18.54	18.46	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.06	22.47	22.16	24.00
3	QPSK	1	8	22.16	22.09	22.09	24.00
3	QPSK	1	14	22.09	22.09	22.17	24.00
3	QPSK	8	0	22.09	21.83	21.96	23.00
3	QPSK	8	4	21.76	21.75	21.88	23.00
3	QPSK	8	7	21.93	21.93	21.96	23.00
3	QPSK	15	0	21.73	21.98	21.87	23.00
3	16QAM	1	0	22.11	21.99	22.05	23.00
3	16QAM	1	8	22.00	21.80	21.84	23.00
3	16QAM	1	14	22.08	21.93	21.79	23.00
3	16QAM	8	0	21.51	21.47	21.55	22.00
3	16QAM	8	4	21.70	21.66	21.62	22.00
3	16QAM	8	7	21.67	21.69	21.67	22.00
3	16QAM	15	0	21.61	21.68	21.72	22.00
3	64QAM	1	0	21.55	21.68	21.59	22.00
3	64QAM	1	8	21.77	21.63	21.58	22.00
3	64QAM	1	14	21.68	21.73	21.62	22.00
3	64QAM	8	0	20.62	20.48	20.46	21.00
3	64QAM	8	4	20.59	20.52	20.66	21.00
3	64QAM	8	7	20.74	20.65	20.77	21.00
3	64QAM	15	0	20.55	20.61	20.45	21.00
3	256QAM	1	0	18.71	18.57	18.71	19.00
3	256QAM	1	8	18.76	18.74	18.69	19.00
3	256QAM	1	14	18.88	18.83	18.74	19.00
3	256QAM	8	0	18.55	18.53	18.46	19.00
3	256QAM	8	4	18.56	18.48	18.41	19.00
3	256QAM	8	7	18.70	18.61	18.61	19.00
3	256QAM	15	0	18.55	18.52	18.47	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.09	22.42	22.09	24.00
1.4	QPSK	1	3	22.15	22.07	22.04	24.00
1.4	QPSK	1	5	22.11	22.08	22.18	24.00
1.4	QPSK	3	0	22.01	22.01	22.00	24.00
1.4	QPSK	3	1	22.01	22.01	22.00	24.00
1.4	QPSK	3	3	22.00	22.00	22.00	24.00
1.4	QPSK	6	0	21.75	21.90	21.89	23.00
1.4	16QAM	1	0	22.03	22.09	22.15	23.00
1.4	16QAM	1	3	21.96	21.85	21.90	23.00
1.4	16QAM	1	5	22.01	21.86	21.87	23.00
1.4	16QAM	3	0	21.58	21.52	21.50	23.00
1.4	16QAM	3	1	21.65	21.73	21.52	23.00
1.4	16QAM	3	3	21.68	21.74	21.62	23.00
1.4	16QAM	6	0	21.64	21.70	21.67	22.00
1.4	64QAM	1	0	21.53	21.64	21.65	22.00
1.4	64QAM	1	3	21.75	21.64	21.67	22.00
1.4	64QAM	1	5	21.62	21.67	21.71	22.00
1.4	64QAM	3	0	20.60	20.47	20.45	22.00
1.4	64QAM	3	1	20.63	20.49	20.54	22.00
1.4	64QAM	3	3	20.71	20.67	20.81	22.00
1.4	64QAM	6	0	20.64	20.65	20.56	21.00
1.4	256QAM	1	0	18.79	18.57	18.71	19.00
1.4	256QAM	1	3	18.83	18.71	18.68	19.00
1.4	256QAM	1	5	18.77	18.72	18.84	19.00
1.4	256QAM	3	0	18.50	18.58	18.46	19.00
1.4	256QAM	3	1	18.60	18.58	18.45	19.00
1.4	256QAM	3	3	18.69	18.62	18.58	19.00
1.4	256QAM	6	0	18.58	18.48	18.46	19.00

**【LTE Band 66_Ant 0_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.67	23.70	23.68	24.00
20	QPSK	1	49	22.86	23.53	22.91	24.00
20	QPSK	1	99	22.82	23.48	22.84	24.00
20	QPSK	50	0	23.61	23.69	23.59	24.00
20	QPSK	50	24	23.06	23.51	23.11	24.00
20	QPSK	50	50	22.94	23.55	23.03	24.00
20	QPSK	100	0	23.03	23.68	23.06	24.00
20	16QAM	1	0	23.04	23.69	23.05	24.00
20	16QAM	1	49	22.89	23.52	22.90	24.00
20	16QAM	1	99	23.04	23.64	23.00	24.00
20	16QAM	50	0	22.64	23.26	22.73	24.00
20	16QAM	50	24	22.70	23.34	22.78	24.00
20	16QAM	50	50	22.67	23.32	22.73	24.00
20	16QAM	100	0	22.67	23.30	22.68	24.00
20	64QAM	1	0	22.99	23.60	23.02	24.00
20	64QAM	1	49	22.89	23.54	22.96	24.00
20	64QAM	1	99	22.67	23.30	22.71	24.00
20	64QAM	50	0	21.71	22.30	21.73	23.00
20	64QAM	50	24	21.69	22.32	21.78	23.00
20	64QAM	50	50	21.60	22.25	21.72	23.00
20	64QAM	100	0	21.76	22.36	21.73	23.00
20	256QAM	1	0	19.72	20.26	19.80	21.00
20	256QAM	1	49	19.78	20.33	19.81	21.00
20	256QAM	1	99	19.80	20.35	19.78	21.00
20	256QAM	50	0	19.71	20.30	19.79	21.00
20	256QAM	50	24	19.70	20.32	19.84	21.00
20	256QAM	50	50	19.89	20.39	19.86	21.00
20	256QAM	100	0	19.66	20.27	19.76	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.05	23.57	23.13	24.00
15	QPSK	1	37	22.73	23.45	22.79	24.00
15	QPSK	1	74	22.69	23.44	22.81	24.00
15	QPSK	36	0	22.96	23.55	22.96	24.00
15	QPSK	36	20	22.96	23.65	23.06	24.00
15	QPSK	36	39	22.91	23.58	23.01	24.00
15	QPSK	75	0	22.90	23.56	23.01	24.00
15	16QAM	1	0	22.97	23.57	22.94	24.00
15	16QAM	1	37	22.84	23.38	22.82	24.00
15	16QAM	1	74	22.95	23.54	22.90	24.00
15	16QAM	36	0	22.52	23.22	22.70	24.00
15	16QAM	36	20	22.69	23.29	22.67	24.00
15	16QAM	36	39	22.55	23.29	22.59	24.00
15	16QAM	75	0	22.63	23.19	22.60	24.00
15	64QAM	1	0	22.94	23.49	22.98	24.00
15	64QAM	1	37	22.77	23.45	22.94	24.00
15	64QAM	1	74	22.60	23.19	22.56	24.00
15	64QAM	36	0	21.56	22.24	21.60	23.00
15	64QAM	36	20	21.60	22.31	21.71	23.00
15	64QAM	36	39	21.50	22.24	21.59	23.00
15	64QAM	75	0	21.62	22.23	21.66	23.00
15	256QAM	1	0	19.60	20.17	19.75	21.00
15	256QAM	1	37	19.65	20.21	19.76	21.00
15	256QAM	1	74	19.79	20.33	19.71	21.00
15	256QAM	36	0	19.65	20.21	19.65	21.00
15	256QAM	36	20	19.64	20.27	19.70	21.00
15	256QAM	36	39	19.86	20.31	19.77	21.00
15	256QAM	75	0	19.51	20.15	19.62	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.00	23.69	23.14	24.00
10	QPSK	1	25	22.72	23.47	22.88	24.00
10	QPSK	1	49	22.80	23.36	22.81	24.00
10	QPSK	25	0	22.98	23.61	23.02	24.00
10	QPSK	25	12	23.01	23.57	23.06	24.00
10	QPSK	25	25	22.89	23.55	22.91	24.00
10	QPSK	50	0	23.00	23.57	23.03	24.00
10	16QAM	1	0	22.95	23.68	22.94	24.00
10	16QAM	1	25	22.78	23.41	22.79	24.00
10	16QAM	1	49	22.90	23.55	22.88	24.00



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10	16QAM	25	0	22.59	23.13	22.64	24.00
10	16QAM	25	12	22.67	23.19	22.70	24.00
10	16QAM	25	25	22.64	23.25	22.58	24.00
10	16QAM	50	0	22.64	23.28	22.56	24.00
10	64QAM	1	0	22.96	23.52	22.89	24.00
10	64QAM	1	25	22.80	23.48	22.87	24.00
10	64QAM	1	49	22.58	23.22	22.62	24.00
10	64QAM	25	0	21.70	22.20	21.60	23.00
10	64QAM	25	12	21.55	22.24	21.71	23.00
10	64QAM	25	25	21.47	22.13	21.70	23.00
10	64QAM	50	0	21.70	22.23	21.67	23.00
10	256QAM	1	0	19.62	20.23	19.73	21.00
10	256QAM	1	25	19.74	20.27	19.77	21.00
10	256QAM	1	49	19.78	20.28	19.68	21.00
10	256QAM	25	0	19.61	20.28	19.76	21.00
10	256QAM	25	12	19.58	20.18	19.72	21.00
10	256QAM	25	25	19.82	20.31	19.79	21.00
10	256QAM	50	0	19.55	20.19	19.67	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.09	23.57	23.15	24.00
5	QPSK	1	12	22.74	23.44	22.89	24.00
5	QPSK	1	24	22.74	23.42	22.76	24.00
5	QPSK	12	0	23.05	23.67	23.05	24.00
5	QPSK	12	7	23.00	23.60	22.96	24.00
5	QPSK	12	13	22.86	23.60	22.92	24.00
5	QPSK	25	0	22.98	23.55	22.93	24.00
5	16QAM	1	0	22.92	23.57	22.97	24.00
5	16QAM	1	12	22.76	23.42	22.79	24.00
5	16QAM	1	24	22.92	23.52	22.95	24.00
5	16QAM	12	0	22.56	23.21	22.66	24.00
5	16QAM	12	7	22.66	23.24	22.72	24.00
5	16QAM	12	13	22.63	23.25	22.59	24.00
5	16QAM	25	0	22.63	23.22	22.61	24.00
5	64QAM	1	0	22.97	23.59	22.98	24.00
5	64QAM	1	12	22.85	23.52	22.93	24.00
5	64QAM	1	24	22.55	23.17	22.70	24.00
5	64QAM	12	0	21.69	22.28	21.70	23.00
5	64QAM	12	7	21.64	22.20	21.72	23.00
5	64QAM	12	13	21.56	22.24	21.67	23.00
5	64QAM	25	0	21.68	22.26	21.71	23.00
5	256QAM	1	0	19.71	20.16	19.66	21.00
5	256QAM	1	12	19.69	20.28	19.77	21.00
5	256QAM	1	24	19.74	20.20	19.68	21.00
5	256QAM	12	0	19.66	20.24	19.67	21.00
5	256QAM	12	7	19.68	20.22	19.75	21.00
5	256QAM	12	13	19.78	20.25	19.81	21.00
5	256QAM	25	0	19.54	20.26	19.74	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.11	23.66	23.03	24.00
3	QPSK	1	8	22.77	23.41	22.85	24.00
3	QPSK	1	14	22.71	23.41	22.77	24.00
3	QPSK	8	0	22.97	23.60	22.97	24.00
3	QPSK	8	4	22.92	23.58	22.98	24.00
3	QPSK	8	7	22.87	23.52	22.98	24.00
3	QPSK	15	0	22.97	23.62	23.00	24.00
3	16QAM	1	0	23.01	23.60	23.03	24.00
3	16QAM	1	8	22.81	23.44	22.81	24.00
3	16QAM	1	14	22.97	23.55	22.85	24.00
3	16QAM	8	0	22.49	23.21	22.65	24.00
3	16QAM	8	4	22.68	23.25	22.71	24.00
3	16QAM	8	7	22.65	23.23	22.68	24.00
3	16QAM	15	0	22.54	23.17	22.59	24.00
3	64QAM	1	0	22.92	23.46	22.93	24.00
3	64QAM	1	8	22.88	23.42	22.81	24.00
3	64QAM	1	14	22.62	23.26	22.64	24.00
3	64QAM	8	0	21.64	22.24	21.70	23.00
3	64QAM	8	4	21.59	22.30	21.73	23.00
3	64QAM	8	7	21.55	22.19	21.67	23.00
3	64QAM	15	0	21.68	22.32	21.62	23.00
3	256QAM	1	0	19.59	20.24	19.67	21.00
3	256QAM	1	8	19.69	20.30	19.73	21.00
3	256QAM	1	14	19.66	20.21	19.67	21.00
3	256QAM	8	0	19.61	20.20	19.76	21.00
3	256QAM	8	4	19.68	20.20	19.81	21.00
3	256QAM	8	7	19.74	20.33	19.78	21.00
3	256QAM	15	0	19.60	20.16	19.68	21.00



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Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.12	23.57	23.05	24.00
1.4	QPSK	1	3	22.79	23.44	22.77	24.00
1.4	QPSK	1	5	22.78	23.45	22.77	24.00
1.4	QPSK	3	0	23.05	23.67	22.94	24.00
1.4	QPSK	3	1	22.99	23.61	23.00	24.00
1.4	QPSK	3	3	22.83	23.60	22.94	24.00
1.4	QPSK	6	0	22.88	22.99	22.93	23.00
1.4	16QAM	1	0	22.95	23.00	22.93	23.00
1.4	16QAM	1	3	22.83	22.99	22.85	23.00
1.4	16QAM	1	5	22.90	22.99	22.86	23.00
1.4	16QAM	3	0	22.50	23.00	22.70	23.00
1.4	16QAM	3	1	22.58	22.98	22.66	23.00
1.4	16QAM	3	3	22.65	23.00	22.67	23.00
1.4	16QAM	6	0	22.00	22.00	22.00	22.00
1.4	64QAM	1	0	22.00	21.99	22.00	22.00
1.4	64QAM	1	3	22.00	22.00	22.00	22.00
1.4	64QAM	1	5	21.99	21.99	22.00	22.00
1.4	64QAM	3	0	21.60	21.99	21.72	22.00
1.4	64QAM	3	1	21.65	22.00	21.77	22.00
1.4	64QAM	3	3	21.54	21.98	21.68	22.00
1.4	64QAM	6	0	21.00	21.00	21.00	21.00
1.4	256QAM	1	0	19.00	18.99	18.99	19.00
1.4	256QAM	1	3	19.00	19.00	18.98	19.00
1.4	256QAM	1	5	18.99	19.00	18.99	19.00
1.4	256QAM	3	0	19.00	19.00	18.98	19.00
1.4	256QAM	3	1	19.00	18.98	18.98	19.00
1.4	256QAM	3	3	19.00	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.90	19.97	19.96	20.70
20	QPSK	1	49	19.84	19.84	19.78	20.70
20	QPSK	1	99	19.86	19.78	19.87	20.70
20	QPSK	50	0	19.95	19.96	19.85	20.70
20	QPSK	50	24	19.79	19.77	19.77	20.70
20	QPSK	50	50	19.84	19.81	19.78	20.70
20	QPSK	100	0	19.89	19.91	19.82	20.70
20	16QAM	1	0	19.87	19.82	19.77	20.70
20	16QAM	1	49	19.84	19.78	19.74	20.70
20	16QAM	1	99	19.87	19.87	19.82	20.70
20	16QAM	50	0	19.87	19.86	19.76	20.70
20	16QAM	50	24	19.87	19.83	19.80	20.70
20	16QAM	50	50	19.82	19.77	19.75	20.70
20	16QAM	100	0	19.85	19.82	19.76	20.70
20	64QAM	1	0	19.79	19.85	19.76	20.70
20	64QAM	1	49	19.78	19.85	19.85	20.70
20	64QAM	1	99	19.83	19.84	19.74	20.70
20	64QAM	50	0	19.78	19.83	19.78	20.70
20	64QAM	50	24	19.83	19.78	19.84	20.70
20	64QAM	50	50	19.81	19.86	19.74	20.70
20	64QAM	100	0	19.81	19.75	19.83	20.70
20	256QAM	1	0	19.79	19.76	19.80	20.70
20	256QAM	1	49	19.78	19.80	19.79	20.70
20	256QAM	1	99	19.85	19.79	19.76	20.70
20	256QAM	50	0	19.85	19.82	19.83	20.70
20	256QAM	50	24	19.78	19.81	19.76	20.70
20	256QAM	50	50	19.85	19.80	19.76	20.70
20	256QAM	100	0	19.83	19.85	19.80	20.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.82	19.82	19.93	20.70
15	QPSK	1	37	19.79	19.82	19.66	20.70
15	QPSK	1	74	19.81	19.76	19.78	20.70
15	QPSK	36	0	19.90	19.83	19.82	20.70
15	QPSK	36	20	19.77	19.62	19.63	20.70
15	QPSK	36	39	19.75	19.69	19.74	20.70
15	QPSK	75	0	19.75	19.74	19.75	20.70



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15	16QAM	1	0	19.79	19.73	19.62	20.70
15	16QAM	1	37	19.74	19.74	19.69	20.70
15	16QAM	1	74	19.81	19.73	19.72	20.70
15	16QAM	36	0	19.80	19.77	19.69	20.70
15	16QAM	36	20	19.75	19.79	19.78	20.70
15	16QAM	36	39	19.67	19.72	19.65	20.70
15	16QAM	75	0	19.70	19.67	19.61	20.70
15	64QAM	1	0	19.67	19.80	19.67	20.70
15	64QAM	1	37	19.76	19.74	19.70	20.70
15	64QAM	1	74	19.80	19.75	19.61	20.70
15	64QAM	36	0	19.69	19.79	19.71	20.70
15	64QAM	36	20	19.77	19.68	19.73	20.70
15	64QAM	36	39	19.68	19.81	19.64	20.70
15	64QAM	75	0	19.80	19.74	19.70	20.70
15	256QAM	1	0	19.73	19.69	19.75	20.70
15	256QAM	1	37	19.64	19.72	19.76	20.70
15	256QAM	1	74	19.80	19.68	19.67	20.70
15	256QAM	36	0	19.79	19.79	19.77	20.70
15	256QAM	36	20	19.70	19.67	19.63	20.70
15	256QAM	36	39	19.79	19.77	19.71	20.70
15	256QAM	75	0	19.72	19.75	19.71	20.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.77	19.87	19.83	20.70
10	QPSK	1	25	19.78	19.83	19.68	20.70
10	QPSK	1	49	19.83	19.70	19.77	20.70
10	QPSK	25	0	19.93	19.82	19.70	20.70
10	QPSK	25	12	19.68	19.66	19.76	20.70
10	QPSK	25	25	19.71	19.72	19.75	20.70
10	QPSK	50	0	19.83	19.72	19.81	20.70
10	16QAM	1	0	19.77	19.77	19.62	20.70
10	16QAM	1	25	19.82	19.71	19.64	20.70
10	16QAM	1	49	19.82	19.79	19.75	20.70
10	16QAM	25	0	19.84	19.77	19.63	20.70
10	16QAM	25	12	19.74	19.69	19.69	20.70
10	16QAM	25	25	19.74	19.67	19.71	20.70
10	16QAM	50	0	19.78	19.74	19.73	20.70
10	64QAM	1	0	19.68	19.79	19.62	20.70
10	64QAM	1	25	19.76	19.73	19.84	20.70
10	64QAM	1	49	19.76	19.77	19.70	20.70
10	64QAM	25	0	19.71	19.69	19.66	20.70
10	64QAM	25	12	19.77	19.75	19.73	20.70
10	64QAM	25	25	19.72	19.72	19.68	20.70
10	64QAM	50	0	19.75	19.67	19.77	20.70
10	256QAM	1	0	19.72	19.65	19.67	20.70
10	256QAM	1	25	19.75	19.71	19.67	20.70
10	256QAM	1	49	19.71	19.74	19.68	20.70
10	256QAM	25	0	19.76	19.78	19.70	20.70
10	256QAM	25	12	19.72	19.74	19.67	20.70
10	256QAM	25	25	19.71	19.72	19.71	20.70
10	256QAM	50	0	19.70	19.72	19.68	20.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.80	19.89	19.83	20.70
5	QPSK	1	12	19.69	19.83	19.71	20.70
5	QPSK	1	24	19.75	19.71	19.85	20.70
5	QPSK	12	0	19.87	19.86	19.80	20.70
5	QPSK	12	7	19.65	19.68	19.65	20.70
5	QPSK	12	13	19.76	19.75	19.73	20.70
5	QPSK	25	0	19.80	19.80	19.76	20.70
5	16QAM	1	0	19.73	19.71	19.69	20.70
5	16QAM	1	12	19.78	19.75	19.69	20.70
5	16QAM	1	24	19.81	19.75	19.69	20.70
5	16QAM	12	0	19.85	19.81	19.70	20.70
5	16QAM	12	7	19.85	19.70	19.78	20.70
5	16QAM	12	13	19.81	19.66	19.63	20.70
5	16QAM	25	0	19.78	19.80	19.63	20.70
5	64QAM	1	0	19.72	19.72	19.72	20.70
5	64QAM	1	12	19.73	19.73	19.73	20.70
5	64QAM	1	24	19.76	19.76	19.66	20.70
5	64QAM	12	0	19.66	19.81	19.76	20.70
5	64QAM	12	7	19.70	19.65	19.70	20.70
5	64QAM	12	13	19.74	19.82	19.68	20.70
5	64QAM	25	0	19.73	19.65	19.69	20.70
5	256QAM	1	0	19.74	19.64	19.78	20.70
5	256QAM	1	12	19.71	19.66	19.71	20.70
5	256QAM	1	24	19.73	19.73	19.68	20.70
5	256QAM	12	0	19.71	19.75	19.69	20.70



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5	256QAM	12	7	19.66	19.69	19.68	20.70
5	256QAM	12	13	19.75	19.69	19.61	20.70
5	256QAM	25	0	19.81	19.81	19.77	20.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.78	19.92	19.84	20.70
3	QPSK	1	8	19.71	19.73	19.75	20.70
3	QPSK	1	14	19.76	19.73	19.76	20.70
3	QPSK	8	0	19.83	19.83	19.70	20.70
3	QPSK	8	4	19.73	19.70	19.64	20.70
3	QPSK	8	7	19.73	19.76	19.71	20.70
3	QPSK	15	0	19.85	19.77	19.79	20.70
3	16QAM	1	0	19.83	19.80	19.67	20.70
3	16QAM	1	8	19.70	19.69	19.59	20.70
3	16QAM	1	14	19.77	19.81	19.72	20.70
3	16QAM	8	0	19.83	19.80	19.72	20.70
3	16QAM	8	4	19.85	19.76	19.69	20.70
3	16QAM	8	7	19.73	19.72	19.64	20.70
3	16QAM	15	0	19.77	19.79	19.75	20.70
3	64QAM	1	0	19.78	19.74	19.70	20.70
3	64QAM	1	8	19.64	19.73	19.76	20.70
3	64QAM	1	14	19.68	19.77	19.70	20.70
3	64QAM	8	0	19.72	19.74	19.75	20.70
3	64QAM	8	4	19.68	19.73	19.73	20.70
3	64QAM	8	7	19.78	19.83	19.68	20.70
3	64QAM	15	0	19.79	19.71	19.68	20.70
3	256QAM	1	0	19.76	19.73	19.66	20.70
3	256QAM	1	8	19.67	19.68	19.70	20.70
3	256QAM	1	14	19.74	19.73	19.67	20.70
3	256QAM	8	0	19.79	19.75	19.76	20.70
3	256QAM	8	4	19.71	19.76	19.63	20.70
3	256QAM	8	7	19.83	19.65	19.65	20.70
3	256QAM	15	0	19.75	19.79	19.76	20.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.86	19.88	19.81	20.70
1.4	QPSK	1	3	19.70	19.81	19.69	20.70
1.4	QPSK	1	5	19.81	19.73	19.83	20.70
1.4	QPSK	3	0	19.93	19.95	19.77	20.70
1.4	QPSK	3	1	19.72	19.65	19.72	20.70
1.4	QPSK	3	3	19.74	19.74	19.71	20.70
1.4	QPSK	6	0	19.84	19.81	19.71	20.70
1.4	16QAM	1	0	19.79	19.78	19.75	20.70
1.4	16QAM	1	3	19.80	19.72	19.67	20.70
1.4	16QAM	1	5	19.76	19.86	19.79	20.70
1.4	16QAM	3	0	19.73	19.76	19.73	20.70
1.4	16QAM	3	1	19.73	19.73	19.76	20.70
1.4	16QAM	3	3	19.70	19.71	19.72	20.70
1.4	16QAM	6	0	19.71	19.73	19.74	20.70
1.4	64QAM	1	0	19.72	19.81	19.64	20.70
1.4	64QAM	1	3	19.74	19.74	19.72	20.70
1.4	64QAM	1	5	19.69	19.82	19.63	20.70
1.4	64QAM	3	0	19.64	19.79	19.75	20.70
1.4	64QAM	3	1	19.74	19.68	19.74	20.70
1.4	64QAM	3	3	19.75	19.82	19.71	20.70
1.4	64QAM	6	0	19.73	19.70	19.75	20.70
1.4	256QAM	1	0	16.95	16.95	16.96	18.00
1.4	256QAM	1	3	16.99	16.98	17.03	18.00
1.4	256QAM	1	5	17.06	16.96	17.00	18.00
1.4	256QAM	3	0	17.10	17.06	17.10	18.00
1.4	256QAM	3	1	16.98	17.00	16.91	18.00
1.4	256QAM	3	3	17.07	16.97	16.97	18.00
1.4	256QAM	6	0	17.01	17.06	17.05	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.67	23.70	23.68	24.00
20	QPSK	1	49	22.86	23.53	22.91	24.00
20	QPSK	1	99	22.82	23.48	22.84	24.00
20	QPSK	50	0	23.61	23.69	23.59	24.00



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20	QPSK	50	24	23.06	23.51	23.11	24.00
20	QPSK	50	50	22.94	23.55	23.03	24.00
20	QPSK	100	0	23.03	23.68	23.06	24.00
20	16QAM	1	0	23.04	23.69	23.05	24.00
20	16QAM	1	49	22.89	23.52	22.90	24.00
20	16QAM	1	99	23.04	23.64	23.00	24.00
20	16QAM	50	0	22.64	23.26	22.73	24.00
20	16QAM	50	24	22.70	23.34	22.78	24.00
20	16QAM	50	50	22.67	23.32	22.73	24.00
20	16QAM	100	0	22.67	23.30	22.68	24.00
20	64QAM	1	0	22.99	23.60	23.02	24.00
20	64QAM	1	49	22.89	23.54	22.96	24.00
20	64QAM	1	99	22.67	23.30	22.71	24.00
20	64QAM	50	0	21.71	22.30	21.73	23.00
20	64QAM	50	24	21.69	22.32	21.78	23.00
20	64QAM	50	50	21.60	22.25	21.72	23.00
20	64QAM	100	0	21.76	22.36	21.73	23.00
20	256QAM	1	0	19.72	20.26	19.80	21.00
20	256QAM	1	49	19.78	20.33	19.81	21.00
20	256QAM	1	99	19.80	20.35	19.78	21.00
20	256QAM	50	0	19.71	20.30	19.79	21.00
20	256QAM	50	24	19.70	20.32	19.84	21.00
20	256QAM	50	50	19.89	20.39	19.86	21.00
20	256QAM	100	0	19.66	20.27	19.76	21.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	23.05	23.57	23.13	24.00
15	QPSK	1	37	22.73	23.45	22.79	24.00
15	QPSK	1	74	22.69	23.44	22.81	24.00
15	QPSK	36	0	22.96	23.55	22.96	24.00
15	QPSK	36	20	22.96	23.65	23.06	24.00
15	QPSK	36	39	22.91	23.58	23.01	24.00
15	QPSK	75	0	22.90	23.56	23.01	24.00
15	16QAM	1	0	22.97	23.57	22.94	24.00
15	16QAM	1	37	22.84	23.38	22.82	24.00
15	16QAM	1	74	22.95	23.54	22.90	24.00
15	16QAM	36	0	22.52	23.22	22.70	24.00
15	16QAM	36	20	22.69	23.29	22.67	24.00
15	16QAM	36	39	22.55	23.29	22.59	24.00
15	16QAM	75	0	22.63	23.19	22.60	24.00
15	64QAM	1	0	22.94	23.49	22.98	24.00
15	64QAM	1	37	22.77	23.45	22.94	24.00
15	64QAM	1	74	22.60	23.19	22.56	24.00
15	64QAM	36	0	21.56	22.24	21.60	23.00
15	64QAM	36	20	21.60	22.31	21.71	23.00
15	64QAM	36	39	21.50	22.24	21.59	23.00
15	64QAM	75	0	21.62	22.23	21.66	23.00
15	256QAM	1	0	19.60	20.17	19.75	21.00
15	256QAM	1	37	19.65	20.21	19.76	21.00
15	256QAM	1	74	19.79	20.33	19.71	21.00
15	256QAM	36	0	19.65	20.21	19.65	21.00
15	256QAM	36	20	19.64	20.27	19.70	21.00
15	256QAM	36	39	19.86	20.31	19.77	21.00
15	256QAM	75	0	19.51	20.15	19.62	21.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.00	23.69	23.14	24.00
10	QPSK	1	25	22.72	23.47	22.88	24.00
10	QPSK	1	49	22.80	23.36	22.81	24.00
10	QPSK	25	0	22.98	23.61	23.02	24.00
10	QPSK	25	12	23.01	23.57	23.06	24.00
10	QPSK	25	25	22.89	23.55	22.91	24.00
10	QPSK	50	0	23.00	23.57	23.03	24.00
10	16QAM	1	0	22.95	23.68	22.94	24.00
10	16QAM	1	25	22.78	23.41	22.79	24.00
10	16QAM	1	49	22.90	23.55	22.88	24.00
10	16QAM	25	0	22.59	23.13	22.64	24.00
10	16QAM	25	12	22.67	23.19	22.70	24.00
10	16QAM	25	25	22.64	23.25	22.58	24.00
10	16QAM	50	0	22.64	23.28	22.56	24.00
10	64QAM	1	0	22.96	23.52	22.89	24.00
10	64QAM	1	25	22.80	23.48	22.87	24.00
10	64QAM	1	49	22.58	23.22	22.62	24.00
10	64QAM	25	0	21.70	22.20	21.60	23.00
10	64QAM	25	12	21.55	22.24	21.71	23.00
10	64QAM	25	25	21.47	22.13	21.70	23.00
10	64QAM	50	0	21.70	22.23	21.67	23.00
10	256QAM	1	0	19.62	20.23	19.73	21.00



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10	256QAM	1	25	19.74	20.27	19.77	21.00
10	256QAM	1	49	19.78	20.28	19.68	21.00
10	256QAM	25	0	19.61	20.28	19.76	21.00
10	256QAM	25	12	19.58	20.18	19.72	21.00
10	256QAM	25	25	19.82	20.31	19.79	21.00
10	256QAM	50	0	19.55	20.19	19.67	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.09	23.57	23.15	24.00
5	QPSK	1	12	22.74	23.44	22.89	24.00
5	QPSK	1	24	22.74	23.42	22.76	24.00
5	QPSK	12	0	23.05	23.67	23.05	24.00
5	QPSK	12	7	23.00	23.60	22.96	24.00
5	QPSK	12	13	22.86	23.60	22.92	24.00
5	QPSK	25	0	22.98	23.55	22.93	24.00
5	16QAM	1	0	22.92	23.57	22.97	24.00
5	16QAM	1	12	22.76	23.42	22.79	24.00
5	16QAM	1	24	22.92	23.52	22.95	24.00
5	16QAM	12	0	22.56	23.21	22.66	24.00
5	16QAM	12	7	22.66	23.24	22.72	24.00
5	16QAM	12	13	22.63	23.25	22.59	24.00
5	16QAM	25	0	22.63	23.22	22.61	24.00
5	64QAM	1	0	22.97	23.59	22.98	24.00
5	64QAM	1	12	22.85	23.52	22.93	24.00
5	64QAM	1	24	22.55	23.17	22.70	24.00
5	64QAM	12	0	21.69	22.28	21.70	23.00
5	64QAM	12	7	21.64	22.20	21.72	23.00
5	64QAM	12	13	21.56	22.24	21.67	23.00
5	64QAM	25	0	21.68	22.26	21.71	23.00
5	256QAM	1	0	19.71	20.16	19.66	21.00
5	256QAM	1	12	19.69	20.28	19.77	21.00
5	256QAM	1	24	19.74	20.20	19.68	21.00
5	256QAM	12	0	19.66	20.24	19.67	21.00
5	256QAM	12	7	19.68	20.22	19.75	21.00
5	256QAM	12	13	19.78	20.25	19.81	21.00
5	256QAM	25	0	19.54	20.26	19.74	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.11	23.66	23.03	24.00
3	QPSK	1	8	22.77	23.41	22.85	24.00
3	QPSK	1	14	22.71	23.41	22.77	24.00
3	QPSK	8	0	22.97	23.60	22.97	24.00
3	QPSK	8	4	22.92	23.58	22.98	24.00
3	QPSK	8	7	22.87	23.52	22.98	24.00
3	QPSK	15	0	22.97	23.62	23.00	24.00
3	16QAM	1	0	23.01	23.60	23.03	24.00
3	16QAM	1	8	22.81	23.44	22.81	24.00
3	16QAM	1	14	22.97	23.55	22.85	24.00
3	16QAM	8	0	22.49	23.21	22.65	24.00
3	16QAM	8	4	22.68	23.25	22.71	24.00
3	16QAM	8	7	22.65	23.23	22.68	24.00
3	16QAM	15	0	22.54	23.17	22.59	24.00
3	64QAM	1	0	22.92	23.46	22.93	24.00
3	64QAM	1	8	22.88	23.42	22.81	24.00
3	64QAM	1	14	22.62	23.26	22.64	24.00
3	64QAM	8	0	21.64	22.24	21.70	23.00
3	64QAM	8	4	21.59	22.30	21.73	23.00
3	64QAM	8	7	21.55	22.19	21.67	23.00
3	64QAM	15	0	21.68	22.32	21.62	23.00
3	256QAM	1	0	19.59	20.24	19.67	21.00
3	256QAM	1	8	19.69	20.30	19.73	21.00
3	256QAM	1	14	19.66	20.21	19.67	21.00
3	256QAM	8	0	19.61	20.20	19.76	21.00
3	256QAM	8	4	19.68	20.20	19.81	21.00
3	256QAM	8	7	19.74	20.33	19.78	21.00
3	256QAM	15	0	19.60	20.16	19.68	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.12	23.57	23.05	24.00
1.4	QPSK	1	3	22.79	23.44	22.77	24.00
1.4	QPSK	1	5	22.78	23.45	22.77	24.00
1.4	QPSK	3	0	23.05	23.67	22.94	24.00
1.4	QPSK	3	1	22.99	23.61	23.00	24.00
1.4	QPSK	3	3	22.83	23.60	22.94	24.00
1.4	QPSK	6	0	22.88	22.99	22.93	23.00
1.4	16QAM	1	0	22.95	23.00	22.93	23.00
1.4	16QAM	1	3	22.83	22.99	22.85	23.00
1.4	16QAM	1	5	22.90	22.99	22.86	23.00



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1.4	16QAM	3	0	22.50	23.00	22.70	23.00
1.4	16QAM	3	1	22.58	22.98	22.66	23.00
1.4	16QAM	3	3	22.65	23.00	22.67	23.00
1.4	16QAM	6	0	22.00	22.00	22.00	22.00
1.4	64QAM	1	0	22.00	21.99	22.00	22.00
1.4	64QAM	1	3	22.00	22.00	22.00	22.00
1.4	64QAM	1	5	21.99	21.99	22.00	22.00
1.4	64QAM	3	0	21.60	21.99	21.72	22.00
1.4	64QAM	3	1	21.65	22.00	21.77	22.00
1.4	64QAM	3	3	21.54	21.98	21.68	22.00
1.4	64QAM	6	0	21.00	21.00	21.00	21.00
1.4	256QAM	1	0	19.00	18.99	18.99	19.00
1.4	256QAM	1	3	19.00	19.00	18.98	19.00
1.4	256QAM	1	5	18.99	19.00	18.99	19.00
1.4	256QAM	3	0	19.00	19.00	18.98	19.00
1.4	256QAM	3	1	19.00	18.98	18.98	19.00
1.4	256QAM	3	3	19.00	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.41	20.49	20.48	21.40
20	QPSK	1	49	20.27	20.17	20.25	21.40
20	QPSK	1	99	20.17	20.27	20.21	21.40
20	QPSK	50	0	20.29	20.35	20.30	21.40
20	QPSK	50	24	20.27	20.16	20.16	21.40
20	QPSK	50	50	20.27	20.24	20.13	21.40
20	QPSK	100	0	20.25	20.18	20.15	21.40
20	16QAM	1	0	20.25	20.17	20.19	21.40
20	16QAM	1	49	20.28	20.19	20.23	21.40
20	16QAM	1	99	20.21	20.18	20.14	21.40
20	16QAM	50	0	20.22	20.18	20.15	21.40
20	16QAM	50	24	20.29	20.16	20.19	21.40
20	16QAM	50	50	20.23	20.23	20.22	21.40
20	16QAM	100	0	20.18	20.15	20.15	21.40
20	64QAM	1	0	20.21	20.20	20.20	21.40
20	64QAM	1	49	20.23	20.20	20.24	21.40
20	64QAM	1	99	20.20	20.25	20.22	21.40
20	64QAM	50	0	20.20	20.18	20.21	21.40
20	64QAM	50	24	20.26	20.24	20.18	21.40
20	64QAM	50	50	20.27	20.18	20.20	21.40
20	64QAM	100	0	20.19	20.22	20.24	21.40
20	256QAM	1	0	19.95	20.07	20.02	21.00
20	256QAM	1	49	19.99	19.95	19.95	21.00
20	256QAM	1	99	19.87	19.91	19.94	21.00
20	256QAM	50	0	20.05	20.00	19.95	21.00
20	256QAM	50	24	19.90	19.87	19.84	21.00
20	256QAM	50	50	19.98	19.91	19.85	21.00
20	256QAM	100	0	19.98	19.96	19.95	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.23	20.36	20.34	21.40
15	QPSK	1	37	20.16	20.15	20.17	21.40
15	QPSK	1	74	20.05	20.26	20.12	21.40
15	QPSK	36	0	20.23	20.21	20.24	21.40
15	QPSK	36	20	20.25	20.08	20.10	21.40
15	QPSK	36	39	20.14	20.10	20.10	21.40
15	QPSK	75	0	20.19	20.14	20.05	21.40
15	16QAM	1	0	20.10	20.16	20.08	21.40
15	16QAM	1	37	20.15	20.16	20.19	21.40
15	16QAM	1	74	20.08	20.12	20.13	21.40
15	16QAM	36	0	20.08	20.16	20.11	21.40
15	16QAM	36	20	20.16	20.09	20.11	21.40
15	16QAM	36	39	20.19	20.16	20.10	21.40
15	16QAM	75	0	20.13	20.01	20.05	21.40
15	64QAM	1	0	20.14	20.08	20.13	21.40
15	64QAM	1	37	20.21	20.10	20.13	21.40
15	64QAM	1	74	20.15	20.14	20.08	21.40
15	64QAM	36	0	20.07	20.14	20.13	21.40
15	64QAM	36	20	20.25	20.16	20.13	21.40



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15	64QAM	36	39	20.19	20.03	20.09	21.40
15	64QAM	75	0	20.10	20.20	20.21	21.40
15	256QAM	1	0	19.48	19.58	19.49	21.00
15	256QAM	1	37	19.48	19.54	19.46	21.00
15	256QAM	1	74	19.32	19.44	19.40	21.00
15	256QAM	36	0	19.56	19.50	19.46	21.00
15	256QAM	36	20	19.39	19.39	19.38	21.00
15	256QAM	36	39	19.53	19.44	19.42	21.00
15	256QAM	75	0	19.46	19.54	19.44	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.20	20.30	20.30	21.40
10	QPSK	1	25	20.25	20.16	20.19	21.40
10	QPSK	1	49	20.14	20.19	20.07	21.40
10	QPSK	25	0	20.19	20.23	20.27	21.40
10	QPSK	25	12	20.19	20.13	20.06	21.40
10	QPSK	25	25	20.17	20.19	20.01	21.40
10	QPSK	50	0	20.14	20.14	20.06	21.40
10	16QAM	1	0	20.17	20.03	20.11	21.40
10	16QAM	1	25	20.24	20.17	20.20	21.40
10	16QAM	1	49	20.16	20.15	20.04	21.40
10	16QAM	25	0	20.20	20.13	20.10	21.40
10	16QAM	25	12	20.27	20.09	20.06	21.40
10	16QAM	25	25	20.15	20.09	20.13	21.40
10	16QAM	50	0	20.10	20.12	20.12	21.40
10	64QAM	1	0	20.12	20.19	20.13	21.40
10	64QAM	1	25	20.13	20.10	20.14	21.40
10	64QAM	1	49	20.12	20.16	20.20	21.40
10	64QAM	25	0	20.19	20.07	20.16	21.40
10	64QAM	25	12	20.17	20.09	20.11	21.40
10	64QAM	25	25	20.14	20.08	20.17	21.40
10	64QAM	50	0	20.09	20.16	20.15	21.40
10	256QAM	1	0	19.52	19.65	19.50	21.00
10	256QAM	1	25	19.47	19.45	19.42	21.00
10	256QAM	1	49	19.34	19.42	19.43	21.00
10	256QAM	25	0	19.62	19.53	19.49	21.00
10	256QAM	25	12	19.44	19.44	19.43	21.00
10	256QAM	25	25	19.49	19.46	19.41	21.00
10	256QAM	50	0	19.45	19.53	19.52	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.18	20.28	20.35	21.40
5	QPSK	1	12	20.23	20.08	20.11	21.40
5	QPSK	1	24	20.14	20.12	20.15	21.40
5	QPSK	12	0	20.24	20.30	20.17	21.40
5	QPSK	12	7	20.24	20.07	20.11	21.40
5	QPSK	12	13	20.22	20.16	20.04	21.40
5	QPSK	25	0	20.11	20.14	20.09	21.40
5	16QAM	1	0	20.10	20.14	20.07	21.40
5	16QAM	1	12	20.16	20.10	20.14	21.40
5	16QAM	1	24	20.12	20.17	20.09	21.40
5	16QAM	12	0	20.12	20.10	20.04	21.40
5	16QAM	12	7	20.26	20.09	20.06	21.40
5	16QAM	12	13	20.10	20.15	20.18	21.40
5	16QAM	25	0	20.12	20.09	20.05	21.40
5	64QAM	1	0	20.19	20.06	20.10	21.40
5	64QAM	1	12	20.19	20.09	20.18	21.40
5	64QAM	1	24	20.08	20.23	20.20	21.40
5	64QAM	12	0	20.12	20.09	20.07	21.40
5	64QAM	12	7	20.22	20.22	20.08	21.40
5	64QAM	12	13	20.17	20.08	20.06	21.40
5	64QAM	25	0	20.11	20.15	20.23	21.40
5	256QAM	1	0	19.40	19.60	19.48	21.00
5	256QAM	1	12	19.46	19.46	19.47	21.00
5	256QAM	1	24	19.44	19.47	19.44	21.00
5	256QAM	12	0	19.59	19.54	19.42	21.00
5	256QAM	12	7	19.41	19.44	19.33	21.00
5	256QAM	12	13	19.54	19.45	19.42	21.00
5	256QAM	25	0	19.45	19.54	19.48	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.28	20.32	20.31	21.40
3	QPSK	1	8	20.25	20.05	20.11	21.40
3	QPSK	1	14	20.14	20.18	20.16	21.40
3	QPSK	8	0	20.25	20.32	20.15	21.40
3	QPSK	8	4	20.16	20.02	20.02	21.40
3	QPSK	8	7	20.19	20.12	20.06	21.40
3	QPSK	15	0	20.15	20.10	20.02	21.40



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3	16QAM	1	0	20.13	20.07	20.11	21.40
3	16QAM	1	8	20.19	20.13	20.10	21.40
3	16QAM	1	14	20.18	20.11	19.99	21.40
3	16QAM	8	0	20.18	20.09	20.09	21.40
3	16QAM	8	4	20.26	20.05	20.07	21.40
3	16QAM	8	7	20.20	20.12	20.12	21.40
3	16QAM	15	0	20.12	20.03	20.01	21.40
3	64QAM	1	0	20.15	20.12	20.13	21.40
3	64QAM	1	8	20.20	20.14	20.09	21.40
3	64QAM	1	14	20.07	20.22	20.19	21.40
3	64QAM	8	0	20.08	20.09	20.10	21.40
3	64QAM	8	4	20.24	20.15	20.03	21.40
3	64QAM	8	7	20.16	20.13	20.15	21.40
3	64QAM	15	0	20.07	20.12	20.11	21.40
3	256QAM	1	0	19.47	19.62	19.48	21.00
3	256QAM	1	8	19.45	19.47	19.42	21.00
3	256QAM	1	14	19.34	19.37	19.39	21.00
3	256QAM	8	0	19.53	19.53	19.41	21.00
3	256QAM	8	4	19.36	19.41	19.37	21.00
3	256QAM	8	7	19.47	19.43	19.37	21.00
3	256QAM	15	0	19.51	19.51	19.43	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.23	20.33	20.29	21.40
1.4	QPSK	1	3	20.22	20.13	20.16	21.40
1.4	QPSK	1	5	20.05	20.18	20.18	21.40
1.4	QPSK	3	0	20.25	20.27	20.24	21.40
1.4	QPSK	3	1	20.16	20.11	20.15	21.40
1.4	QPSK	3	3	20.12	20.13	20.10	21.40
1.4	QPSK	6	0	20.16	20.11	20.14	21.40
1.4	16QAM	1	0	20.17	20.09	20.14	21.40
1.4	16QAM	1	3	20.24	20.08	20.14	21.40
1.4	16QAM	1	5	20.20	20.09	20.00	21.40
1.4	16QAM	3	0	20.20	20.16	20.07	21.40
1.4	16QAM	3	1	20.19	20.02	20.14	21.40
1.4	16QAM	3	3	20.16	20.18	20.07	21.40
1.4	16QAM	6	0	20.09	20.06	20.03	21.40
1.4	64QAM	1	0	20.13	20.08	20.09	21.40
1.4	64QAM	1	3	20.19	20.13	20.10	21.40
1.4	64QAM	1	5	20.08	20.16	20.21	21.40
1.4	64QAM	3	0	20.15	20.07	20.13	21.40
1.4	64QAM	3	1	20.21	20.11	20.09	21.40
1.4	64QAM	3	3	20.13	20.11	20.16	21.40
1.4	64QAM	6	0	19.68	19.69	19.77	21.00
1.4	256QAM	1	0	17.40	17.63	17.58	19.00
1.4	256QAM	1	3	17.56	17.47	17.49	19.00
1.4	256QAM	1	5	17.44	17.37	17.40	19.00
1.4	256QAM	3	0	17.54	17.55	17.42	19.00
1.4	256QAM	3	1	17.44	17.46	17.36	19.00
1.4	256QAM	3	3	17.52	17.39	17.39	19.00
1.4	256QAM	6	0	17.46	17.41	17.54	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.90	19.97	19.96	21.10
20	QPSK	1	49	19.84	19.84	19.78	21.10
20	QPSK	1	99	19.86	19.78	19.87	21.10
20	QPSK	50	0	19.95	19.96	19.85	21.10
20	QPSK	50	24	19.79	19.77	19.77	21.10
20	QPSK	50	50	19.84	19.81	19.78	21.10
20	QPSK	100	0	19.89	19.91	19.82	21.10
20	16QAM	1	0	19.87	19.82	19.77	21.10
20	16QAM	1	49	19.84	19.78	19.74	21.10
20	16QAM	1	99	19.87	19.87	19.82	21.10
20	16QAM	50	0	19.87	19.86	19.76	21.10
20	16QAM	50	24	19.87	19.83	19.80	21.10
20	16QAM	50	50	19.82	19.77	19.75	21.10
20	16QAM	100	0	19.85	19.82	19.76	21.10
20	64QAM	1	0	19.79	19.85	19.76	21.10
20	64QAM	1	49	19.78	19.85	19.85	21.10



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20	64QAM	1	99	19.83	19.84	19.74	21.10
20	64QAM	50	0	19.78	19.83	19.78	21.10
20	64QAM	50	24	19.83	19.78	19.84	21.10
20	64QAM	50	50	19.81	19.86	19.74	21.10
20	64QAM	100	0	19.81	19.75	19.83	21.10
20	256QAM	1	0	19.79	19.76	19.80	21.00
20	256QAM	1	49	19.78	19.80	19.79	21.00
20	256QAM	1	99	19.85	19.79	19.76	21.00
20	256QAM	50	0	19.85	19.82	19.83	21.00
20	256QAM	50	24	19.78	19.81	19.76	21.00
20	256QAM	50	50	19.85	19.80	19.76	21.00
20	256QAM	100	0	19.83	19.85	19.80	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.82	19.82	19.93	21.10
15	QPSK	1	37	19.79	19.82	19.66	21.10
15	QPSK	1	74	19.81	19.76	19.78	21.10
15	QPSK	36	0	19.90	19.83	19.82	21.10
15	QPSK	36	20	19.77	19.62	19.63	21.10
15	QPSK	36	39	19.75	19.69	19.74	21.10
15	QPSK	75	0	19.75	19.74	19.75	21.10
15	16QAM	1	0	19.79	19.73	19.62	21.10
15	16QAM	1	37	19.74	19.74	19.69	21.10
15	16QAM	1	74	19.81	19.73	19.72	21.10
15	16QAM	36	0	19.80	19.77	19.69	21.10
15	16QAM	36	20	19.75	19.79	19.78	21.10
15	16QAM	36	39	19.67	19.72	19.65	21.10
15	16QAM	75	0	19.70	19.67	19.61	21.10
15	64QAM	1	0	19.67	19.80	19.67	21.10
15	64QAM	1	37	19.76	19.74	19.70	21.10
15	64QAM	1	74	19.80	19.75	19.61	21.10
15	64QAM	36	0	19.69	19.79	19.71	21.10
15	64QAM	36	20	19.77	19.68	19.73	21.10
15	64QAM	36	39	19.68	19.81	19.64	21.10
15	64QAM	75	0	19.80	19.74	19.70	21.10
15	256QAM	1	0	19.73	19.69	19.75	21.00
15	256QAM	1	37	19.64	19.72	19.76	21.00
15	256QAM	1	74	19.80	19.68	19.67	21.00
15	256QAM	36	0	19.79	19.79	19.77	21.00
15	256QAM	36	20	19.70	19.67	19.63	21.00
15	256QAM	36	39	19.79	19.77	19.71	21.00
15	256QAM	75	0	19.72	19.75	19.71	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.77	19.87	19.83	21.10
10	QPSK	1	25	19.78	19.83	19.68	21.10
10	QPSK	1	49	19.83	19.70	19.77	21.10
10	QPSK	25	0	19.93	19.82	19.70	21.10
10	QPSK	25	12	19.68	19.66	19.76	21.10
10	QPSK	25	25	19.71	19.72	19.75	21.10
10	QPSK	50	0	19.83	19.72	19.81	21.10
10	16QAM	1	0	19.77	19.77	19.62	21.10
10	16QAM	1	25	19.82	19.71	19.64	21.10
10	16QAM	1	49	19.82	19.79	19.75	21.10
10	16QAM	25	0	19.84	19.77	19.63	21.10
10	16QAM	25	12	19.74	19.69	19.69	21.10
10	16QAM	25	25	19.74	19.67	19.71	21.10
10	16QAM	50	0	19.78	19.74	19.73	21.10
10	64QAM	1	0	19.68	19.79	19.62	21.10
10	64QAM	1	25	19.76	19.73	19.84	21.10
10	64QAM	1	49	19.76	19.77	19.70	21.10
10	64QAM	25	0	19.71	19.69	19.66	21.10
10	64QAM	25	12	19.77	19.75	19.73	21.10
10	64QAM	25	25	19.72	19.72	19.68	21.10
10	64QAM	50	0	19.75	19.67	19.77	21.10
10	256QAM	1	0	19.72	19.65	19.67	21.00
10	256QAM	1	25	19.75	19.71	19.67	21.00
10	256QAM	1	49	19.71	19.74	19.68	21.00
10	256QAM	25	0	19.76	19.78	19.70	21.00
10	256QAM	25	12	19.72	19.74	19.67	21.00
10	256QAM	25	25	19.71	19.72	19.71	21.00
10	256QAM	50	0	19.70	19.72	19.68	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.80	19.89	19.83	21.10
5	QPSK	1	12	19.69	19.83	19.71	21.10
5	QPSK	1	24	19.75	19.71	19.85	21.10
5	QPSK	12	0	19.87	19.86	19.80	21.10



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5	QPSK	12	7	19.65	19.68	19.65	21.10
5	QPSK	12	13	19.76	19.75	19.73	21.10
5	QPSK	25	0	19.80	19.80	19.76	21.10
5	16QAM	1	0	19.73	19.71	19.69	21.10
5	16QAM	1	12	19.78	19.75	19.69	21.10
5	16QAM	1	24	19.81	19.75	19.69	21.10
5	16QAM	12	0	19.85	19.81	19.70	21.10
5	16QAM	12	7	19.85	19.70	19.78	21.10
5	16QAM	12	13	19.81	19.66	19.63	21.10
5	16QAM	25	0	19.78	19.80	19.63	21.10
5	64QAM	1	0	19.72	19.72	19.72	21.10
5	64QAM	1	12	19.73	19.73	19.73	21.10
5	64QAM	1	24	19.76	19.76	19.66	21.10
5	64QAM	12	0	19.66	19.81	19.76	21.10
5	64QAM	12	7	19.70	19.65	19.70	21.10
5	64QAM	12	13	19.74	19.82	19.68	21.10
5	64QAM	25	0	19.73	19.65	19.69	21.10
5	256QAM	1	0	19.74	19.64	19.78	21.00
5	256QAM	1	12	19.71	19.66	19.71	21.00
5	256QAM	1	24	19.73	19.73	19.68	21.00
5	256QAM	12	0	19.71	19.75	19.69	21.00
5	256QAM	12	7	19.66	19.69	19.68	21.00
5	256QAM	12	13	19.75	19.69	19.61	21.00
5	256QAM	25	0	19.81	19.81	19.77	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.78	19.92	19.84	21.10
3	QPSK	1	8	19.71	19.73	19.75	21.10
3	QPSK	1	14	19.76	19.73	19.76	21.10
3	QPSK	8	0	19.83	19.83	19.70	21.10
3	QPSK	8	4	19.73	19.70	19.64	21.10
3	QPSK	8	7	19.73	19.76	19.71	21.10
3	QPSK	15	0	19.85	19.77	19.79	21.10
3	16QAM	1	0	19.83	19.80	19.67	21.10
3	16QAM	1	8	19.70	19.69	19.59	21.10
3	16QAM	1	14	19.77	19.81	19.72	21.10
3	16QAM	8	0	19.83	19.80	19.72	21.10
3	16QAM	8	4	19.85	19.76	19.69	21.10
3	16QAM	8	7	19.73	19.72	19.64	21.10
3	16QAM	15	0	19.77	19.79	19.75	21.10
3	64QAM	1	0	19.78	19.74	19.70	21.10
3	64QAM	1	8	19.64	19.73	19.76	21.10
3	64QAM	1	14	19.68	19.77	19.70	21.10
3	64QAM	8	0	19.72	19.74	19.75	21.10
3	64QAM	8	4	19.68	19.73	19.73	21.10
3	64QAM	8	7	19.78	19.83	19.68	21.10
3	64QAM	15	0	19.79	19.71	19.68	21.10
3	256QAM	1	0	19.76	19.73	19.66	21.00
3	256QAM	1	8	19.67	19.68	19.70	21.00
3	256QAM	1	14	19.74	19.73	19.67	21.00
3	256QAM	8	0	19.79	19.75	19.76	21.00
3	256QAM	8	4	19.71	19.76	19.63	21.00
3	256QAM	8	7	19.83	19.65	19.65	21.00
3	256QAM	15	0	19.75	19.79	19.76	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.86	19.88	19.81	21.10
1.4	QPSK	1	3	19.70	19.81	19.69	21.10
1.4	QPSK	1	5	19.81	19.73	19.83	21.10
1.4	QPSK	3	0	19.93	19.95	19.77	21.10
1.4	QPSK	3	1	19.72	19.65	19.72	21.10
1.4	QPSK	3	3	19.74	19.74	19.71	21.10
1.4	QPSK	6	0	19.84	19.81	19.71	21.10
1.4	16QAM	1	0	19.79	19.78	19.75	21.10
1.4	16QAM	1	3	19.80	19.72	19.67	21.10
1.4	16QAM	1	5	19.76	19.86	19.79	21.10
1.4	16QAM	3	0	19.73	19.76	19.73	21.10
1.4	16QAM	3	1	19.73	19.73	19.76	21.10
1.4	16QAM	3	3	19.70	19.71	19.72	21.10
1.4	16QAM	6	0	19.71	19.73	19.74	21.10
1.4	64QAM	1	0	19.72	19.81	19.64	21.10
1.4	64QAM	1	3	19.74	19.74	19.72	21.10
1.4	64QAM	1	5	19.69	19.82	19.63	21.10
1.4	64QAM	3	0	19.64	19.79	19.75	21.10
1.4	64QAM	3	1	19.74	19.68	19.74	21.10
1.4	64QAM	3	3	19.75	19.82	19.71	21.10
1.4	64QAM	6	0	19.73	19.70	19.75	21.00
1.4	256QAM	1	0	16.95	16.95	16.96	18.20



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1.4	256QAM	1	3	16.99	16.98	17.03	18.20
1.4	256QAM	1	5	17.06	16.96	17.00	18.20
1.4	256QAM	3	0	17.10	17.06	17.10	18.20
1.4	256QAM	3	1	16.98	17.00	16.91	18.20
1.4	256QAM	3	3	17.07	16.97	16.97	18.20
1.4	256QAM	6	0	17.01	17.06	17.05	18.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.98	23.05	23.03	23.90
20	QPSK	1	49	22.21	22.79	22.22	23.90
20	QPSK	1	99	22.17	22.82	22.15	23.90
20	QPSK	50	0	22.91	23.01	22.93	23.90
20	QPSK	50	24	22.37	22.79	22.43	23.90
20	QPSK	50	50	22.23	22.85	22.37	23.90
20	QPSK	100	0	22.35	22.97	22.39	23.90
20	16QAM	1	0	22.36	23.00	22.36	23.90
20	16QAM	1	49	22.15	22.79	22.19	23.90
20	16QAM	1	99	22.33	22.99	22.27	23.90
20	16QAM	50	0	21.92	22.57	22.02	23.90
20	16QAM	50	24	22.03	22.68	22.13	23.90
20	16QAM	50	50	21.99	22.68	22.03	23.90
20	16QAM	100	0	22.00	22.61	22.00	23.90
20	64QAM	1	0	22.26	22.85	22.34	23.90
20	64QAM	1	49	22.22	22.89	22.21	23.90
20	64QAM	1	99	21.96	22.57	22.02	23.90
20	64QAM	50	0	21.00	21.65	21.06	22.90
20	64QAM	50	24	20.99	21.56	21.13	22.90
20	64QAM	50	50	21.51	21.56	21.07	22.90
20	64QAM	100	0	21.07	21.63	21.00	22.90
20	256QAM	1	0	19.00	19.56	19.09	20.90
20	256QAM	1	49	19.10	19.68	19.11	20.90
20	256QAM	1	99	19.13	19.64	19.09	20.90
20	256QAM	50	0	19.02	19.57	19.07	20.90
20	256QAM	50	24	19.00	19.63	19.20	20.90
20	256QAM	50	50	19.22	19.69	19.20	20.90
20	256QAM	100	0	19.16	19.66	19.11	20.90
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.96	23.01	22.99	23.90
15	QPSK	1	37	22.22	22.66	22.21	23.90
15	QPSK	1	74	22.22	22.73	22.26	23.90
15	QPSK	36	0	22.90	22.91	22.85	23.90
15	QPSK	36	20	22.34	22.75	22.39	23.90
15	QPSK	36	39	22.33	22.83	22.38	23.90
15	QPSK	75	0	22.31	22.95	22.35	23.90
15	16QAM	1	0	22.36	22.90	22.37	23.90
15	16QAM	1	37	22.33	22.70	22.25	23.90
15	16QAM	1	74	22.35	22.97	22.37	23.90
15	16QAM	36	0	22.14	22.48	22.27	23.90
15	16QAM	36	20	22.16	22.60	22.27	23.90
15	16QAM	36	39	22.17	22.60	22.23	23.90
15	16QAM	75	0	22.17	22.48	22.13	23.90
15	64QAM	1	0	22.26	22.81	22.41	23.90
15	64QAM	1	37	22.25	22.78	22.30	23.90
15	64QAM	1	74	22.19	22.42	22.27	23.90
15	64QAM	36	0	20.97	20.93	20.94	22.90
15	64QAM	36	20	20.99	20.94	20.96	22.90
15	64QAM	36	39	20.94	20.96	21.02	22.90
15	64QAM	75	0	21.01	20.92	21.03	22.90
15	256QAM	1	0	18.99	18.98	19.03	20.90
15	256QAM	1	37	19.00	18.95	18.99	20.90
15	256QAM	1	74	18.96	18.96	18.91	20.90
15	256QAM	36	0	18.91	18.99	18.92	20.90
15	256QAM	36	20	18.95	19.02	19.00	20.90
15	256QAM	36	39	18.95	18.91	18.91	20.90
15	256QAM	75	0	18.94	18.94	18.94	20.90
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.87	22.96	22.88	23.90



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10	QPSK	1	25	22.32	22.72	22.22	23.90
10	QPSK	1	49	22.33	22.72	22.33	23.90
10	QPSK	25	0	22.87	22.98	22.84	23.90
10	QPSK	25	12	22.23	22.74	22.34	23.90
10	QPSK	25	25	22.32	22.76	22.37	23.90
10	QPSK	50	0	22.29	22.86	22.33	23.90
10	16QAM	1	0	22.28	22.86	22.35	23.90
10	16QAM	1	25	22.24	22.77	22.30	23.90
10	16QAM	1	49	22.34	22.90	22.36	23.90
10	16QAM	25	0	22.12	22.45	22.25	23.90
10	16QAM	25	12	22.16	22.64	22.27	23.90
10	16QAM	25	25	22.22	22.56	22.21	23.90
10	16QAM	50	0	22.21	22.48	22.18	23.90
10	64QAM	1	0	22.34	22.78	22.41	23.90
10	64QAM	1	25	22.29	22.83	22.35	23.90
10	64QAM	1	49	22.12	22.53	22.14	23.90
10	64QAM	25	0	20.99	20.93	20.99	22.90
10	64QAM	25	12	20.97	20.97	21.03	22.90
10	64QAM	25	25	20.94	20.91	21.00	22.90
10	64QAM	50	0	20.92	20.97	20.91	22.90
10	256QAM	1	0	19.04	19.04	18.97	20.90
10	256QAM	1	25	18.95	18.98	18.98	20.90
10	256QAM	1	49	18.91	18.97	18.90	20.90
10	256QAM	25	0	18.95	18.95	18.94	20.90
10	256QAM	25	12	18.95	19.02	18.96	20.90
10	256QAM	25	25	18.91	19.03	19.00	20.90
10	256QAM	50	0	19.01	18.92	18.98	20.90
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.95	22.99	22.91	23.90
5	QPSK	1	12	22.30	22.66	22.24	23.90
5	QPSK	1	24	22.31	22.68	22.28	23.90
5	QPSK	12	0	22.87	23.00	22.85	23.90
5	QPSK	12	7	22.23	22.75	22.40	23.90
5	QPSK	12	13	22.24	22.82	22.40	23.90
5	QPSK	25	0	22.37	22.93	22.33	23.90
5	16QAM	1	0	22.35	22.94	22.38	23.90
5	16QAM	1	12	22.21	22.78	22.26	23.90
5	16QAM	1	24	22.45	22.87	22.39	23.90
5	16QAM	12	0	22.24	22.45	22.23	23.90
5	16QAM	12	7	22.20	22.58	22.26	23.90
5	16QAM	12	13	22.16	22.66	22.21	23.90
5	16QAM	25	0	22.24	22.55	22.19	23.90
5	64QAM	1	0	22.26	22.81	22.39	23.90
5	64QAM	1	12	22.33	22.75	22.34	23.90
5	64QAM	1	24	22.14	22.55	22.24	23.90
5	64QAM	12	0	20.98	21.03	20.92	22.90
5	64QAM	12	7	21.01	20.94	21.04	22.90
5	64QAM	12	13	21.04	20.96	21.01	22.90
5	64QAM	25	0	21.02	21.01	20.94	22.90
5	256QAM	1	0	18.99	18.99	18.96	20.90
5	256QAM	1	12	19.05	18.97	18.95	20.90
5	256QAM	1	24	18.91	18.94	19.03	20.90
5	256QAM	12	0	19.01	19.00	18.97	20.90
5	256QAM	12	7	18.98	19.02	19.01	20.90
5	256QAM	12	13	18.99	18.92	19.05	20.90
5	256QAM	25	0	18.96	19.02	19.04	20.90
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.93	22.91	22.89	23.90
3	QPSK	1	8	22.32	22.71	22.34	23.90
3	QPSK	1	14	22.32	22.78	22.31	23.90
3	QPSK	8	0	22.88	22.88	22.82	23.90
3	QPSK	8	4	22.31	22.74	22.41	23.90
3	QPSK	8	7	22.28	22.75	22.44	23.90
3	QPSK	15	0	22.38	22.84	22.38	23.90
3	16QAM	1	0	22.36	22.87	22.32	23.90
3	16QAM	1	8	22.26	22.76	22.25	23.90
3	16QAM	1	14	22.34	22.96	22.37	23.90
3	16QAM	8	0	22.13	22.52	22.24	23.90
3	16QAM	8	4	22.17	22.62	22.27	23.90
3	16QAM	8	7	22.23	22.57	22.29	23.90
3	16QAM	15	0	22.24	22.56	22.26	23.90
3	64QAM	1	0	22.32	22.75	22.34	23.90
3	64QAM	1	8	22.29	22.76	22.34	23.90
3	64QAM	1	14	22.18	22.46	22.25	23.90
3	64QAM	8	0	20.97	20.94	21.01	22.90
3	64QAM	8	4	20.97	21.02	21.01	22.90



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3	64QAM	8	7	21.04	21.01	20.95	22.90
3	64QAM	15	0	20.99	21.03	20.94	22.90
3	256QAM	1	0	18.96	18.90	18.99	20.90
3	256QAM	1	8	18.99	18.97	18.93	20.90
3	256QAM	1	14	18.94	19.04	18.94	20.90
3	256QAM	8	0	19.01	18.96	18.99	20.90
3	256QAM	8	4	18.99	18.96	18.95	20.90
3	256QAM	8	7	18.97	19.00	18.99	20.90
3	256QAM	15	0	19.05	19.01	18.96	20.90
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.89	22.95	22.89	23.90
1.4	QPSK	1	3	22.30	22.77	22.29	23.90
1.4	QPSK	1	5	22.26	22.69	22.32	23.90
1.4	QPSK	3	0	22.82	22.95	22.84	23.90
1.4	QPSK	3	1	22.28	22.67	22.41	23.90
1.4	QPSK	3	3	22.30	22.76	22.41	23.90
1.4	QPSK	6	0	21.32	21.95	21.32	22.90
1.4	16QAM	1	0	21.28	21.99	21.28	22.90
1.4	16QAM	1	3	21.20	21.72	21.34	22.90
1.4	16QAM	1	5	21.37	21.97	21.32	22.90
1.4	16QAM	3	0	21.22	21.53	21.26	22.90
1.4	16QAM	3	1	21.25	21.66	21.23	22.90
1.4	16QAM	3	3	21.18	21.58	21.28	22.90
1.4	16QAM	6	0	20.26	20.54	20.25	21.90
1.4	64QAM	1	0	20.25	20.78	20.35	21.90
1.4	64QAM	1	3	20.26	20.78	20.36	21.90
1.4	64QAM	1	5	20.15	20.54	20.17	21.90
1.4	64QAM	3	0	20.03	19.96	19.90	21.90
1.4	64QAM	3	1	20.00	20.03	20.05	21.90
1.4	64QAM	3	3	19.90	20.05	20.01	21.90
1.4	64QAM	6	0	18.92	19.05	18.93	20.90
1.4	256QAM	1	0	16.91	16.97	16.93	18.90
1.4	256QAM	1	3	16.99	17.01	17.01	18.90
1.4	256QAM	1	5	16.99	16.91	16.98	18.90
1.4	256QAM	3	0	16.94	16.94	17.04	18.90
1.4	256QAM	3	1	17.05	17.02	17.03	18.90
1.4	256QAM	3	3	16.91	17.03	16.93	18.90
1.4	256QAM	6	0	16.98	16.98	16.93	18.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.67	23.70	23.68	24.00
20	QPSK	1	49	22.86	23.53	22.91	24.00
20	QPSK	1	99	22.82	23.48	22.84	24.00
20	QPSK	50	0	23.61	23.69	23.59	24.00
20	QPSK	50	24	23.06	23.51	23.11	24.00
20	QPSK	50	50	22.94	23.55	23.03	24.00
20	QPSK	100	0	23.03	23.68	23.06	24.00
20	16QAM	1	0	23.04	23.69	23.05	24.00
20	16QAM	1	49	22.89	23.52	22.90	24.00
20	16QAM	1	99	23.04	23.64	23.00	24.00
20	16QAM	50	0	22.64	23.26	22.73	24.00
20	16QAM	50	24	22.70	23.34	22.78	24.00
20	16QAM	50	50	22.67	23.32	22.73	24.00
20	16QAM	100	0	22.67	23.30	22.68	24.00
20	64QAM	1	0	22.99	23.60	23.02	24.00
20	64QAM	1	49	22.89	23.54	22.96	24.00
20	64QAM	1	99	22.67	23.30	22.71	24.00
20	64QAM	50	0	21.71	22.30	21.73	23.00
20	64QAM	50	24	21.69	22.32	21.78	23.00
20	64QAM	50	50	21.60	22.25	21.72	23.00
20	64QAM	100	0	21.76	22.36	21.73	23.00
20	256QAM	1	0	19.72	20.26	19.80	21.00
20	256QAM	1	49	19.78	20.33	19.81	21.00
20	256QAM	1	99	19.80	20.35	19.78	21.00
20	256QAM	50	0	19.71	20.30	19.79	21.00
20	256QAM	50	24	19.70	20.32	19.84	21.00
20	256QAM	50	50	19.89	20.39	19.86	21.00
20	256QAM	100	0	19.66	20.27	19.76	21.00



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Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.05	23.57	23.13	24.00
15	QPSK	1	37	22.73	23.45	22.79	24.00
15	QPSK	1	74	22.69	23.44	22.81	24.00
15	QPSK	36	0	22.96	23.55	22.96	24.00
15	QPSK	36	20	22.96	23.65	23.06	24.00
15	QPSK	36	39	22.91	23.58	23.01	24.00
15	QPSK	75	0	22.90	23.56	23.01	24.00
15	16QAM	1	0	22.97	23.57	22.94	24.00
15	16QAM	1	37	22.84	23.38	22.82	24.00
15	16QAM	1	74	22.95	23.54	22.90	24.00
15	16QAM	36	0	22.52	23.22	22.70	24.00
15	16QAM	36	20	22.69	23.29	22.67	24.00
15	16QAM	36	39	22.55	23.29	22.59	24.00
15	16QAM	75	0	22.63	23.19	22.60	24.00
15	64QAM	1	0	22.94	23.49	22.98	24.00
15	64QAM	1	37	22.77	23.45	22.94	24.00
15	64QAM	1	74	22.60	23.19	22.56	24.00
15	64QAM	36	0	21.56	22.24	21.60	23.00
15	64QAM	36	20	21.60	22.31	21.71	23.00
15	64QAM	36	39	21.50	22.24	21.59	23.00
15	64QAM	75	0	21.62	22.23	21.66	23.00
15	256QAM	1	0	19.60	20.17	19.75	21.00
15	256QAM	1	37	19.65	20.21	19.76	21.00
15	256QAM	1	74	19.79	20.33	19.71	21.00
15	256QAM	36	0	19.65	20.21	19.65	21.00
15	256QAM	36	20	19.64	20.27	19.70	21.00
15	256QAM	36	39	19.86	20.31	19.77	21.00
15	256QAM	75	0	19.51	20.15	19.62	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.00	23.69	23.14	24.00
10	QPSK	1	25	22.72	23.47	22.88	24.00
10	QPSK	1	49	22.80	23.36	22.81	24.00
10	QPSK	25	0	22.98	23.61	23.02	24.00
10	QPSK	25	12	23.01	23.57	23.06	24.00
10	QPSK	25	25	22.89	23.55	22.91	24.00
10	QPSK	50	0	23.00	23.57	23.03	24.00
10	16QAM	1	0	22.95	23.68	22.94	24.00
10	16QAM	1	25	22.78	23.41	22.79	24.00
10	16QAM	1	49	22.90	23.55	22.88	24.00
10	16QAM	25	0	22.59	23.13	22.64	24.00
10	16QAM	25	12	22.67	23.19	22.70	24.00
10	16QAM	25	25	22.64	23.25	22.58	24.00
10	16QAM	50	0	22.64	23.28	22.56	24.00
10	64QAM	1	0	22.96	23.52	22.89	24.00
10	64QAM	1	25	22.80	23.48	22.87	24.00
10	64QAM	1	49	22.58	23.22	22.62	24.00
10	64QAM	25	0	21.70	22.20	21.60	23.00
10	64QAM	25	12	21.55	22.24	21.71	23.00
10	64QAM	25	25	21.47	22.13	21.70	23.00
10	64QAM	50	0	21.70	22.23	21.67	23.00
10	256QAM	1	0	19.62	20.23	19.73	21.00
10	256QAM	1	25	19.74	20.27	19.77	21.00
10	256QAM	1	49	19.78	20.28	19.68	21.00
10	256QAM	25	0	19.61	20.28	19.76	21.00
10	256QAM	25	12	19.58	20.18	19.72	21.00
10	256QAM	25	25	19.82	20.31	19.79	21.00
10	256QAM	50	0	19.55	20.19	19.67	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.09	23.57	23.15	24.00
5	QPSK	1	12	22.74	23.44	22.89	24.00
5	QPSK	1	24	22.74	23.42	22.76	24.00
5	QPSK	12	0	23.05	23.67	23.05	24.00
5	QPSK	12	7	23.00	23.60	22.96	24.00
5	QPSK	12	13	22.86	23.60	22.92	24.00
5	QPSK	25	0	22.98	23.55	22.93	24.00
5	16QAM	1	0	22.92	23.57	22.97	24.00
5	16QAM	1	12	22.76	23.42	22.79	24.00
5	16QAM	1	24	22.92	23.52	22.95	24.00
5	16QAM	12	0	22.56	23.21	22.66	24.00
5	16QAM	12	7	22.66	23.24	22.72	24.00
5	16QAM	12	13	22.63	23.25	22.59	24.00
5	16QAM	25	0	22.63	23.22	22.61	24.00
5	64QAM	1	0	22.97	23.59	22.98	24.00
5	64QAM	1	12	22.85	23.52	22.93	24.00



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5	64QAM	1	24	22.55	23.17	22.70	24.00
5	64QAM	12	0	21.69	22.28	21.70	23.00
5	64QAM	12	7	21.64	22.20	21.72	23.00
5	64QAM	12	13	21.56	22.24	21.67	23.00
5	64QAM	25	0	21.68	22.26	21.71	23.00
5	256QAM	1	0	19.71	20.16	19.66	21.00
5	256QAM	1	12	19.69	20.28	19.77	21.00
5	256QAM	1	24	19.74	20.20	19.68	21.00
5	256QAM	12	0	19.66	20.24	19.67	21.00
5	256QAM	12	7	19.68	20.22	19.75	21.00
5	256QAM	12	13	19.78	20.25	19.81	21.00
5	256QAM	25	0	19.54	20.26	19.74	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.11	23.66	23.03	24.00
3	QPSK	1	8	22.77	23.41	22.85	24.00
3	QPSK	1	14	22.71	23.41	22.77	24.00
3	QPSK	8	0	22.97	23.60	22.97	24.00
3	QPSK	8	4	22.92	23.58	22.98	24.00
3	QPSK	8	7	22.87	23.52	22.98	24.00
3	QPSK	15	0	22.97	23.62	23.00	24.00
3	16QAM	1	0	23.01	23.60	23.03	24.00
3	16QAM	1	8	22.81	23.44	22.81	24.00
3	16QAM	1	14	22.97	23.55	22.85	24.00
3	16QAM	8	0	22.49	23.21	22.65	24.00
3	16QAM	8	4	22.68	23.25	22.71	24.00
3	16QAM	8	7	22.65	23.23	22.68	24.00
3	16QAM	15	0	22.54	23.17	22.59	24.00
3	64QAM	1	0	22.92	23.46	22.93	24.00
3	64QAM	1	8	22.88	23.42	22.81	24.00
3	64QAM	1	14	22.62	23.26	22.64	24.00
3	64QAM	8	0	21.64	22.24	21.70	23.00
3	64QAM	8	4	21.59	22.30	21.73	23.00
3	64QAM	8	7	21.55	22.19	21.67	23.00
3	64QAM	15	0	21.68	22.32	21.62	23.00
3	256QAM	1	0	19.59	20.24	19.67	21.00
3	256QAM	1	8	19.69	20.30	19.73	21.00
3	256QAM	1	14	19.66	20.21	19.67	21.00
3	256QAM	8	0	19.61	20.20	19.76	21.00
3	256QAM	8	4	19.68	20.20	19.81	21.00
3	256QAM	8	7	19.74	20.33	19.78	21.00
3	256QAM	15	0	19.60	20.16	19.68	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.12	23.57	23.05	24.00
1.4	QPSK	1	3	22.79	23.44	22.77	24.00
1.4	QPSK	1	5	22.78	23.45	22.77	24.00
1.4	QPSK	3	0	23.05	23.67	22.94	24.00
1.4	QPSK	3	1	22.99	23.61	23.00	24.00
1.4	QPSK	3	3	22.83	23.60	22.94	24.00
1.4	QPSK	6	0	22.88	22.99	22.93	23.00
1.4	16QAM	1	0	22.95	23.00	22.93	23.00
1.4	16QAM	1	3	22.83	22.99	22.85	23.00
1.4	16QAM	1	5	22.90	22.99	22.86	23.00
1.4	16QAM	3	0	22.50	23.00	22.70	23.00
1.4	16QAM	3	1	22.58	22.98	22.66	23.00
1.4	16QAM	3	3	22.65	23.00	22.67	23.00
1.4	16QAM	6	0	22.00	22.00	22.00	22.00
1.4	64QAM	1	0	22.00	21.99	22.00	22.00
1.4	64QAM	1	3	22.00	22.00	22.00	22.00
1.4	64QAM	1	5	21.99	21.99	22.00	22.00
1.4	64QAM	3	0	21.60	21.99	21.72	22.00
1.4	64QAM	3	1	21.65	22.00	21.77	22.00
1.4	64QAM	3	3	21.54	21.98	21.68	22.00
1.4	64QAM	6	0	21.00	21.00	21.00	21.00
1.4	256QAM	1	0	19.00	18.99	18.99	19.00
1.4	256QAM	1	3	19.00	19.00	18.98	19.00
1.4	256QAM	1	5	18.99	19.00	18.99	19.00
1.4	256QAM	3	0	19.00	19.00	18.98	19.00
1.4	256QAM	3	1	19.00	18.98	18.98	19.00
1.4	256QAM	3	3	19.00	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	19.00	19.00	19.00

**【LTE Band 66_Ant 1_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.55	22.73	22.63	24.00
20	QPSK	1	49	22.00	22.36	22.03	24.00
20	QPSK	1	99	22.03	22.45	22.10	24.00
20	QPSK	50	0	22.37	22.53	22.33	24.00
20	QPSK	50	24	22.08	22.30	22.13	24.00
20	QPSK	50	50	22.05	22.21	22.15	24.00
20	QPSK	100	0	22.03	22.41	22.11	24.00
20	16QAM	1	0	22.20	22.66	22.34	24.00
20	16QAM	1	49	22.29	22.68	22.35	24.00
20	16QAM	1	99	22.26	22.68	22.29	24.00
20	16QAM	50	0	22.00	22.42	22.08	24.00
20	16QAM	50	24	22.00	22.39	22.07	24.00
20	16QAM	50	50	22.00	22.49	22.14	24.00
20	16QAM	100	0	22.02	22.35	22.06	24.00
20	64QAM	1	0	22.03	22.50	22.10	24.00
20	64QAM	1	49	22.07	22.56	22.24	24.00
20	64QAM	1	99	22.01	22.45	22.13	24.00
20	64QAM	50	0	21.00	21.37	21.00	23.00
20	64QAM	50	24	21.08	21.43	21.12	23.00
20	64QAM	50	50	21.13	21.48	21.18	23.00
20	64QAM	100	0	21.00	21.42	21.02	23.00
20	256QAM	1	0	19.00	19.36	19.08	21.00
20	256QAM	1	49	19.33	19.66	19.36	21.00
20	256QAM	1	99	19.01	19.40	19.13	21.00
20	256QAM	50	0	19.00	19.32	19.07	21.00
20	256QAM	50	24	19.01	19.41	19.07	21.00
20	256QAM	50	50	19.05	19.45	19.18	21.00
20	256QAM	100	0	19.07	19.42	19.13	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.29	22.57	22.39	24.00
15	QPSK	1	37	22.00	22.21	22.01	24.00
15	QPSK	1	74	22.01	22.43	22.05	24.00
15	QPSK	36	0	22.03	22.47	22.12	24.00
15	QPSK	36	20	22.00	22.44	22.12	24.00
15	QPSK	36	39	22.00	22.47	22.07	24.00
15	QPSK	75	0	22.00	22.29	22.03	24.00
15	16QAM	1	0	22.07	22.55	22.32	24.00
15	16QAM	1	37	22.26	22.64	22.32	24.00
15	16QAM	1	74	22.14	22.54	22.14	24.00
15	16QAM	36	0	22.00	22.34	22.07	24.00
15	16QAM	36	20	22.00	22.26	22.01	24.00
15	16QAM	36	39	22.01	22.43	22.05	24.00
15	16QAM	75	0	22.00	22.33	22.00	24.00
15	64QAM	1	0	22.00	22.35	22.02	24.00
15	64QAM	1	37	22.01	22.50	22.17	24.00
15	64QAM	1	74	22.01	22.33	22.10	24.00
15	64QAM	36	0	21.01	21.25	21.01	23.00
15	64QAM	36	20	21.00	21.39	21.02	23.00
15	64QAM	36	39	21.06	21.42	21.15	23.00
15	64QAM	75	0	21.00	21.31	21.00	23.00
15	256QAM	1	0	19.00	19.32	19.00	21.00
15	256QAM	1	37	19.25	19.62	19.34	21.00
15	256QAM	1	74	19.00	19.36	19.03	21.00
15	256QAM	36	0	19.02	19.18	19.00	21.00
15	256QAM	36	20	19.00	19.40	19.01	21.00
15	256QAM	36	39	19.00	19.32	19.07	21.00
15	256QAM	75	0	19.02	19.36	19.11	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.29	22.66	22.33	24.00
10	QPSK	1	25	22.02	22.32	22.01	24.00
10	QPSK	1	49	22.01	22.31	22.06	24.00
10	QPSK	25	0	22.00	22.44	22.09	24.00
10	QPSK	25	12	22.01	22.47	22.10	24.00
10	QPSK	25	25	22.01	22.37	22.10	24.00
10	QPSK	50	0	22.00	22.39	22.04	24.00
10	16QAM	1	0	22.18	22.59	22.32	24.00
10	16QAM	1	25	22.17	22.61	22.23	24.00
10	16QAM	1	49	22.14	22.55	22.25	24.00



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10	16QAM	25	0	22.00	22.41	22.03	24.00
10	16QAM	25	12	22.01	22.33	22.01	24.00
10	16QAM	25	25	22.00	22.45	22.09	24.00
10	16QAM	50	0	22.01	22.26	22.04	24.00
10	64QAM	1	0	22.00	22.39	22.00	24.00
10	64QAM	1	25	22.00	22.45	22.15	24.00
10	64QAM	1	49	22.00	22.35	22.01	24.00
10	64QAM	25	0	21.00	21.35	21.02	23.00
10	64QAM	25	12	21.04	21.41	21.07	23.00
10	64QAM	25	25	21.04	21.38	21.13	23.00
10	64QAM	50	0	21.00	21.41	21.00	23.00
10	256QAM	1	0	19.00	19.28	19.05	21.00
10	256QAM	1	25	19.22	19.58	19.33	21.00
10	256QAM	1	49	19.00	19.36	19.08	21.00
10	256QAM	25	0	19.00	19.29	19.02	21.00
10	256QAM	25	12	19.01	19.29	19.03	21.00
10	256QAM	25	25	19.00	19.32	19.12	21.00
10	256QAM	50	0	19.01	19.34	19.00	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.32	22.60	22.32	24.00
5	QPSK	1	12	22.00	22.22	22.00	24.00
5	QPSK	1	24	22.00	22.42	22.03	24.00
5	QPSK	12	0	22.03	22.40	22.11	24.00
5	QPSK	12	7	22.00	22.46	22.10	24.00
5	QPSK	12	13	22.01	22.39	22.10	24.00
5	QPSK	25	0	22.00	22.40	22.04	24.00
5	16QAM	1	0	22.10	22.51	22.21	24.00
5	16QAM	1	12	22.19	22.54	22.26	24.00
5	16QAM	1	24	22.19	22.59	22.23	24.00
5	16QAM	12	0	22.01	22.31	22.02	24.00
5	16QAM	12	7	22.00	22.30	22.06	24.00
5	16QAM	12	13	22.01	22.42	22.06	24.00
5	16QAM	25	0	22.00	22.31	22.00	24.00
5	64QAM	1	0	22.01	22.43	22.02	24.00
5	64QAM	1	12	22.04	22.49	22.18	24.00
5	64QAM	1	24	22.00	22.39	22.01	24.00
5	64QAM	12	0	21.01	21.26	21.01	23.00
5	64QAM	12	7	21.01	21.31	21.03	23.00
5	64QAM	12	13	21.05	21.33	21.15	23.00
5	64QAM	25	0	21.00	21.34	21.02	23.00
5	256QAM	1	0	19.01	19.29	19.00	21.00
5	256QAM	1	12	19.25	19.56	19.31	21.00
5	256QAM	1	24	19.00	19.33	19.06	21.00
5	256QAM	12	0	19.00	19.23	19.05	21.00
5	256QAM	12	7	19.00	19.32	19.00	21.00
5	256QAM	12	13	19.02	19.37	19.06	21.00
5	256QAM	25	0	19.01	19.39	19.01	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.32	22.66	22.32	24.00
3	QPSK	1	8	22.02	22.27	22.00	24.00
3	QPSK	1	14	22.00	22.32	22.06	24.00
3	QPSK	8	0	22.03	22.48	22.00	24.00
3	QPSK	8	4	22.00	22.36	22.09	24.00
3	QPSK	8	7	22.01	22.46	22.09	24.00
3	QPSK	15	0	22.02	22.32	22.00	24.00
3	16QAM	1	0	22.15	22.59	22.31	24.00
3	16QAM	1	8	22.27	22.66	22.31	24.00
3	16QAM	1	14	22.13	22.56	22.14	24.00
3	16QAM	8	0	22.01	22.35	22.00	24.00
3	16QAM	8	4	22.00	22.33	22.06	24.00
3	16QAM	8	7	22.00	22.43	22.05	24.00
3	16QAM	15	0	22.01	22.22	22.01	24.00
3	64QAM	1	0	22.00	22.46	22.02	24.00
3	64QAM	1	8	22.03	22.48	22.16	24.00
3	64QAM	1	14	22.01	22.33	22.08	24.00
3	64QAM	8	0	21.00	21.29	21.01	23.00
3	64QAM	8	4	21.03	21.38	21.00	23.00
3	64QAM	8	7	21.00	21.37	21.05	23.00
3	64QAM	15	0	21.00	21.40	21.01	23.00
3	256QAM	1	0	19.00	19.26	19.00	21.00
3	256QAM	1	8	19.28	19.55	19.29	21.00
3	256QAM	1	14	19.01	19.36	19.12	21.00
3	256QAM	8	0	19.00	19.26	19.00	21.00
3	256QAM	8	4	19.00	19.33	19.00	21.00
3	256QAM	8	7	19.04	19.42	19.06	21.00
3	256QAM	15	0	19.01	19.35	19.10	21.00



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Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.55	22.31	24.00
1.4	QPSK	1	3	22.00	22.23	22.01	24.00
1.4	QPSK	1	5	22.00	22.43	22.04	24.00
1.4	QPSK	3	0	22.01	22.39	22.03	24.00
1.4	QPSK	3	1	22.00	22.46	22.01	24.00
1.4	QPSK	3	3	22.01	22.38	22.06	24.00
1.4	QPSK	6	0	21.99	22.40	22.08	23.00
1.4	16QAM	1	0	22.10	22.63	22.26	23.00
1.4	16QAM	1	3	22.26	22.58	22.33	23.00
1.4	16QAM	1	5	22.12	22.56	22.23	23.00
1.4	16QAM	3	0	21.86	22.39	21.96	23.00
1.4	16QAM	3	1	21.97	22.34	21.97	23.00
1.4	16QAM	3	3	21.98	22.35	22.05	23.00
1.4	16QAM	6	0	21.96	21.99	21.95	22.00
1.4	64QAM	1	0	21.98	22.00	22.00	22.00
1.4	64QAM	1	3	22.00	21.98	21.99	22.00
1.4	64QAM	1	5	21.88	21.99	22.00	22.00
1.4	64QAM	3	0	20.85	21.25	20.91	22.00
1.4	64QAM	3	1	21.01	21.29	21.09	22.00
1.4	64QAM	3	3	21.10	21.39	21.05	22.00
1.4	64QAM	6	0	20.87	21.00	20.96	21.00
1.4	256QAM	1	0	18.92	18.99	18.97	19.00
1.4	256QAM	1	3	19.00	19.00	19.00	19.00
1.4	256QAM	1	5	18.96	19.00	19.00	19.00
1.4	256QAM	3	0	18.90	19.00	18.98	19.00
1.4	256QAM	3	1	18.91	19.00	18.98	19.00
1.4	256QAM	3	3	18.96	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	18.99	19.00	19.00

【LTE Band 66_Ant 1_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.45	20.46	20.43	21.30
20	QPSK	1	49	20.30	20.36	20.29	21.30
20	QPSK	1	99	20.37	20.37	20.39	21.30
20	QPSK	50	0	20.44	20.45	20.38	21.30
20	QPSK	50	24	20.29	20.35	20.27	21.30
20	QPSK	50	50	20.36	20.28	20.31	21.30
20	QPSK	100	0	20.33	20.34	20.28	21.30
20	16QAM	1	0	20.27	20.36	20.25	21.30
20	16QAM	1	49	20.34	20.26	20.35	21.30
20	16QAM	1	99	20.27	20.26	20.33	21.30
20	16QAM	50	0	20.29	20.36	20.28	21.30
20	16QAM	50	24	20.38	20.27	20.32	21.30
20	16QAM	50	50	20.30	20.26	20.25	21.30
20	16QAM	100	0	20.27	20.27	20.24	21.30
20	64QAM	1	0	20.29	20.30	20.33	21.30
20	64QAM	1	49	20.33	20.35	20.25	21.30
20	64QAM	1	99	20.31	20.25	20.29	21.30
20	64QAM	50	0	20.31	20.33	20.32	21.30
20	64QAM	50	24	20.33	20.33	20.30	21.30
20	64QAM	50	50	20.32	20.28	20.25	21.30
20	64QAM	100	0	20.28	20.36	20.29	21.30
20	256QAM	1	0	20.34	20.28	20.33	21.30
20	256QAM	1	49	20.39	20.34	20.34	21.30
20	256QAM	1	99	20.34	20.34	20.31	21.30
20	256QAM	50	0	20.37	20.35	20.33	21.30
20	256QAM	50	24	20.32	20.33	20.24	21.30
20	256QAM	50	50	20.32	20.25	20.31	21.30
20	256QAM	100	0	20.37	20.33	20.29	21.30
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.44	20.41	20.31	21.30
15	QPSK	1	37	20.22	20.21	20.17	21.30
15	QPSK	1	74	20.24	20.23	20.34	21.30
15	QPSK	36	0	20.41	20.39	20.27	21.30
15	QPSK	36	20	20.24	20.26	20.19	21.30
15	QPSK	36	39	20.30	20.26	20.20	21.30
15	QPSK	75	0	20.24	20.25	20.24	21.30



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15	16QAM	1	0	20.15	20.34	20.18	21.30
15	16QAM	1	37	20.26	20.23	20.28	21.30
15	16QAM	1	74	20.23	20.14	20.29	21.30
15	16QAM	36	0	20.27	20.24	20.19	21.30
15	16QAM	36	20	20.26	20.22	20.25	21.30
15	16QAM	36	39	20.26	20.20	20.17	21.30
15	16QAM	75	0	20.17	20.25	20.19	21.30
15	64QAM	1	0	20.23	20.26	20.25	21.30
15	64QAM	1	37	20.26	20.29	20.20	21.30
15	64QAM	1	74	20.21	20.11	20.20	21.30
15	64QAM	36	0	20.20	20.32	20.21	21.30
15	64QAM	36	20	20.25	20.22	20.16	21.30
15	64QAM	36	39	20.20	20.25	20.21	21.30
15	64QAM	75	0	20.26	20.33	20.18	21.30
15	256QAM	1	0	20.23	20.27	20.24	21.30
15	256QAM	1	37	20.26	20.29	20.29	21.30
15	256QAM	1	74	20.19	20.32	20.20	21.30
15	256QAM	36	0	20.30	20.22	20.23	21.30
15	256QAM	36	20	20.29	20.27	20.10	21.30
15	256QAM	36	39	20.21	20.20	20.19	21.30
15	256QAM	75	0	20.26	20.23	20.17	21.30
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	20.35	20.34	20.31	21.30
10	QPSK	1	25	20.29	20.28	20.27	21.30
10	QPSK	1	49	20.33	20.26	20.25	21.30
10	QPSK	25	0	20.34	20.34	20.35	21.30
10	QPSK	25	12	20.27	20.27	20.16	21.30
10	QPSK	25	25	20.28	20.26	20.19	21.30
10	QPSK	50	0	20.26	20.29	20.17	21.30
10	16QAM	1	0	20.18	20.24	20.18	21.30
10	16QAM	1	25	20.27	20.16	20.23	21.30
10	16QAM	1	49	20.14	20.15	20.24	21.30
10	16QAM	25	0	20.15	20.24	20.23	21.30
10	16QAM	25	12	20.36	20.22	20.20	21.30
10	16QAM	25	25	20.21	20.12	20.23	21.30
10	16QAM	50	0	20.14	20.15	20.18	21.30
10	64QAM	1	0	20.20	20.22	20.27	21.30
10	64QAM	1	25	20.19	20.31	20.11	21.30
10	64QAM	1	49	20.17	20.15	20.27	21.30
10	64QAM	25	0	20.24	20.30	20.24	21.30
10	64QAM	25	12	20.30	20.30	20.20	21.30
10	64QAM	25	25	20.28	20.13	20.15	21.30
10	64QAM	50	0	20.14	20.22	20.19	21.30
10	256QAM	1	0	20.31	20.17	20.29	21.30
10	256QAM	1	25	20.34	20.21	20.27	21.30
10	256QAM	1	49	20.30	20.28	20.23	21.30
10	256QAM	25	0	20.24	20.23	20.23	21.30
10	256QAM	25	12	20.24	20.29	20.12	21.30
10	256QAM	25	25	20.23	20.18	20.22	21.30
10	256QAM	50	0	20.34	20.29	20.17	21.30
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.39	20.42	20.33	21.30
5	QPSK	1	12	20.22	20.24	20.21	21.30
5	QPSK	1	24	20.30	20.27	20.34	21.30
5	QPSK	12	0	20.41	20.35	20.25	21.30
5	QPSK	12	7	20.20	20.34	20.25	21.30
5	QPSK	12	13	20.29	20.16	20.29	21.30
5	QPSK	25	0	20.25	20.28	20.20	21.30
5	16QAM	1	0	20.24	20.24	20.23	21.30
5	16QAM	1	12	20.25	20.24	20.31	21.30
5	16QAM	1	24	20.22	20.12	20.24	21.30
5	16QAM	12	0	20.14	20.28	20.22	21.30
5	16QAM	12	7	20.25	20.15	20.23	21.30
5	16QAM	12	13	20.24	20.18	20.15	21.30
5	16QAM	25	0	20.22	20.20	20.15	21.30
5	64QAM	1	0	20.19	20.17	20.27	21.30
5	64QAM	1	12	20.26	20.29	20.12	21.30
5	64QAM	1	24	20.18	20.23	20.26	21.30
5	64QAM	12	0	20.21	20.22	20.28	21.30
5	64QAM	12	7	20.26	20.20	20.24	21.30
5	64QAM	12	13	20.25	20.17	20.15	21.30
5	64QAM	25	0	20.14	20.30	20.19	21.30
5	256QAM	1	0	20.30	20.18	20.30	21.30
5	256QAM	1	12	20.28	20.24	20.19	21.30
5	256QAM	1	24	20.27	20.30	20.28	21.30
5	256QAM	12	0	20.25	20.32	20.18	21.30



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5	256QAM	12	7	20.21	20.21	20.14	21.30
5	256QAM	12	13	20.19	20.13	20.26	21.30
5	256QAM	25	0	20.32	20.29	20.22	21.30
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.41	20.42	20.30	21.30
3	QPSK	1	8	20.27	20.29	20.16	21.30
3	QPSK	1	14	20.30	20.27	20.35	21.30
3	QPSK	8	0	20.43	20.37	20.31	21.30
3	QPSK	8	4	20.14	20.27	20.17	21.30
3	QPSK	8	7	20.25	20.16	20.25	21.30
3	QPSK	15	0	20.25	20.27	20.15	21.30
3	16QAM	1	0	20.22	20.23	20.21	21.30
3	16QAM	1	8	20.30	20.21	20.31	21.30
3	16QAM	1	14	20.23	20.15	20.32	21.30
3	16QAM	8	0	20.24	20.24	20.14	21.30
3	16QAM	8	4	20.34	20.24	20.31	21.30
3	16QAM	8	7	20.15	20.16	20.17	21.30
3	16QAM	15	0	20.19	20.20	20.18	21.30
3	64QAM	1	0	20.27	20.18	20.28	21.30
3	64QAM	1	8	20.21	20.27	20.20	21.30
3	64QAM	1	14	20.23	20.12	20.20	21.30
3	64QAM	8	0	20.22	20.29	20.19	21.30
3	64QAM	8	4	20.23	20.25	20.22	21.30
3	64QAM	8	7	20.25	20.24	20.11	21.30
3	64QAM	15	0	20.21	20.29	20.23	21.30
3	256QAM	1	0	20.20	20.26	20.21	21.30
3	256QAM	1	8	20.27	20.22	20.20	21.30
3	256QAM	1	14	20.25	20.33	20.29	21.30
3	256QAM	8	0	20.32	20.23	20.27	21.30
3	256QAM	8	4	20.18	20.26	20.10	21.30
3	256QAM	8	7	20.22	20.19	20.20	21.30
3	256QAM	15	0	20.32	20.21	20.25	21.30
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.33	20.44	20.29	21.30
1.4	QPSK	1	3	20.28	20.22	20.24	21.30
1.4	QPSK	1	5	20.28	20.31	20.24	21.30
1.4	QPSK	3	0	20.41	20.35	20.37	21.30
1.4	QPSK	3	1	20.19	20.31	20.22	21.30
1.4	QPSK	3	3	20.33	20.26	20.18	21.30
1.4	QPSK	6	0	20.29	20.31	20.20	21.30
1.4	16QAM	1	0	20.21	20.23	20.13	21.30
1.4	16QAM	1	3	20.20	20.21	20.31	21.30
1.4	16QAM	1	5	20.25	20.21	20.27	21.30
1.4	16QAM	3	0	20.14	20.33	20.25	21.30
1.4	16QAM	3	1	20.34	20.20	20.30	21.30
1.4	16QAM	3	3	20.16	20.22	20.17	21.30
1.4	16QAM	6	0	20.15	20.13	20.15	21.30
1.4	64QAM	1	0	20.23	20.28	20.19	21.30
1.4	64QAM	1	3	20.21	20.33	20.20	21.30
1.4	64QAM	1	5	20.27	20.18	20.21	21.30
1.4	64QAM	3	0	20.30	20.21	20.29	21.30
1.4	64QAM	3	1	20.27	20.25	20.18	21.30
1.4	64QAM	3	3	20.29	20.19	20.15	21.30
1.4	64QAM	6	0	20.17	20.30	20.27	21.30
1.4	256QAM	1	0	18.89	18.89	18.93	20.00
1.4	256QAM	1	3	19.07	18.96	18.97	20.00
1.4	256QAM	1	5	18.93	19.02	18.99	20.00
1.4	256QAM	3	0	18.95	18.99	18.99	20.00
1.4	256QAM	3	1	18.89	18.94	18.89	20.00
1.4	256QAM	3	3	18.97	18.88	18.95	20.00
1.4	256QAM	6	0	19.03	18.93	18.95	20.00

【LTE Band 66_Ant 1_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.55	22.73	22.63	24.00
20	QPSK	1	49	22.00	22.36	22.03	24.00
20	QPSK	1	99	22.03	22.45	22.10	24.00
20	QPSK	50	0	22.37	22.53	22.33	24.00



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20	QPSK	50	24	22.08	22.30	22.13	24.00
20	QPSK	50	50	22.05	22.21	22.15	24.00
20	QPSK	100	0	22.03	22.41	22.11	24.00
20	16QAM	1	0	22.20	22.66	22.34	24.00
20	16QAM	1	49	22.29	22.68	22.35	24.00
20	16QAM	1	99	22.26	22.68	22.29	24.00
20	16QAM	50	0	22.00	22.42	22.08	24.00
20	16QAM	50	24	22.00	22.39	22.07	24.00
20	16QAM	50	50	22.00	22.49	22.14	24.00
20	16QAM	100	0	22.02	22.35	22.06	24.00
20	64QAM	1	0	22.03	22.50	22.10	24.00
20	64QAM	1	49	22.07	22.56	22.24	24.00
20	64QAM	1	99	22.01	22.45	22.13	24.00
20	64QAM	50	0	21.00	21.37	21.00	23.00
20	64QAM	50	24	21.08	21.43	21.12	23.00
20	64QAM	50	50	21.13	21.48	21.18	23.00
20	64QAM	100	0	21.00	21.42	21.02	23.00
20	256QAM	1	0	19.00	19.36	19.08	21.00
20	256QAM	1	49	19.33	19.66	19.36	21.00
20	256QAM	1	99	19.01	19.40	19.13	21.00
20	256QAM	50	0	19.00	19.32	19.07	21.00
20	256QAM	50	24	19.01	19.41	19.07	21.00
20	256QAM	50	50	19.05	19.45	19.18	21.00
20	256QAM	100	0	19.07	19.42	19.13	21.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	22.29	22.57	22.39	24.00
15	QPSK	1	37	22.00	22.21	22.01	24.00
15	QPSK	1	74	22.01	22.43	22.05	24.00
15	QPSK	36	0	22.03	22.47	22.12	24.00
15	QPSK	36	20	22.00	22.44	22.12	24.00
15	QPSK	36	39	22.00	22.47	22.07	24.00
15	QPSK	75	0	22.00	22.29	22.03	24.00
15	16QAM	1	0	22.07	22.55	22.32	24.00
15	16QAM	1	37	22.26	22.64	22.32	24.00
15	16QAM	1	74	22.14	22.54	22.14	24.00
15	16QAM	36	0	22.00	22.34	22.07	24.00
15	16QAM	36	20	22.00	22.26	22.01	24.00
15	16QAM	36	39	22.01	22.43	22.05	24.00
15	16QAM	75	0	22.00	22.33	22.00	24.00
15	64QAM	1	0	22.00	22.35	22.02	24.00
15	64QAM	1	37	22.01	22.50	22.17	24.00
15	64QAM	1	74	22.01	22.33	22.10	24.00
15	64QAM	36	0	21.01	21.25	21.01	23.00
15	64QAM	36	20	21.00	21.39	21.02	23.00
15	64QAM	36	39	21.06	21.42	21.15	23.00
15	64QAM	75	0	21.00	21.31	21.00	23.00
15	256QAM	1	0	19.00	19.32	19.00	21.00
15	256QAM	1	37	19.25	19.62	19.34	21.00
15	256QAM	1	74	19.00	19.36	19.03	21.00
15	256QAM	36	0	19.02	19.18	19.00	21.00
15	256QAM	36	20	19.00	19.40	19.01	21.00
15	256QAM	36	39	19.00	19.32	19.07	21.00
15	256QAM	75	0	19.02	19.36	19.11	21.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.29	22.66	22.33	24.00
10	QPSK	1	25	22.02	22.32	22.01	24.00
10	QPSK	1	49	22.01	22.31	22.06	24.00
10	QPSK	25	0	22.00	22.44	22.09	24.00
10	QPSK	25	12	22.01	22.47	22.10	24.00
10	QPSK	25	25	22.01	22.37	22.10	24.00
10	QPSK	50	0	22.00	22.39	22.04	24.00
10	16QAM	1	0	22.18	22.59	22.32	24.00
10	16QAM	1	25	22.17	22.61	22.23	24.00
10	16QAM	1	49	22.14	22.55	22.25	24.00
10	16QAM	25	0	22.00	22.41	22.03	24.00
10	16QAM	25	12	22.01	22.33	22.01	24.00
10	16QAM	25	25	22.00	22.45	22.09	24.00
10	16QAM	50	0	22.01	22.26	22.04	24.00
10	64QAM	1	0	22.00	22.39	22.00	24.00
10	64QAM	1	25	22.00	22.45	22.15	24.00
10	64QAM	1	49	22.00	22.35	22.01	24.00
10	64QAM	25	0	21.00	21.35	21.02	23.00
10	64QAM	25	12	21.04	21.41	21.07	23.00
10	64QAM	25	25	21.04	21.38	21.13	23.00
10	64QAM	50	0	21.00	21.41	21.00	23.00
10	256QAM	1	0	19.00	19.28	19.05	21.00



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10	256QAM	1	25	19.22	19.58	19.33	21.00
10	256QAM	1	49	19.00	19.36	19.08	21.00
10	256QAM	25	0	19.00	19.29	19.02	21.00
10	256QAM	25	12	19.01	19.29	19.03	21.00
10	256QAM	25	25	19.00	19.32	19.12	21.00
10	256QAM	50	0	19.01	19.34	19.00	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.32	22.60	22.32	24.00
5	QPSK	1	12	22.00	22.22	22.00	24.00
5	QPSK	1	24	22.00	22.42	22.03	24.00
5	QPSK	12	0	22.03	22.40	22.11	24.00
5	QPSK	12	7	22.00	22.46	22.10	24.00
5	QPSK	12	13	22.01	22.39	22.10	24.00
5	QPSK	25	0	22.00	22.40	22.04	24.00
5	16QAM	1	0	22.10	22.51	22.21	24.00
5	16QAM	1	12	22.19	22.54	22.26	24.00
5	16QAM	1	24	22.19	22.59	22.23	24.00
5	16QAM	12	0	22.01	22.31	22.02	24.00
5	16QAM	12	7	22.00	22.30	22.06	24.00
5	16QAM	12	13	22.01	22.42	22.06	24.00
5	16QAM	25	0	22.00	22.31	22.00	24.00
5	64QAM	1	0	22.01	22.43	22.02	24.00
5	64QAM	1	12	22.04	22.49	22.18	24.00
5	64QAM	1	24	22.00	22.39	22.01	24.00
5	64QAM	12	0	21.01	21.26	21.01	23.00
5	64QAM	12	7	21.01	21.31	21.03	23.00
5	64QAM	12	13	21.05	21.33	21.15	23.00
5	64QAM	25	0	21.00	21.34	21.02	23.00
5	256QAM	1	0	19.01	19.29	19.00	21.00
5	256QAM	1	12	19.25	19.56	19.31	21.00
5	256QAM	1	24	19.00	19.33	19.06	21.00
5	256QAM	12	0	19.00	19.23	19.05	21.00
5	256QAM	12	7	19.00	19.32	19.00	21.00
5	256QAM	12	13	19.02	19.37	19.06	21.00
5	256QAM	25	0	19.01	19.39	19.01	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.32	22.66	22.32	24.00
3	QPSK	1	8	22.02	22.27	22.00	24.00
3	QPSK	1	14	22.00	22.32	22.06	24.00
3	QPSK	8	0	22.03	22.48	22.00	24.00
3	QPSK	8	4	22.00	22.36	22.09	24.00
3	QPSK	8	7	22.01	22.46	22.09	24.00
3	QPSK	15	0	22.02	22.32	22.00	24.00
3	16QAM	1	0	22.15	22.59	22.31	24.00
3	16QAM	1	8	22.27	22.66	22.31	24.00
3	16QAM	1	14	22.13	22.56	22.14	24.00
3	16QAM	8	0	22.01	22.35	22.00	24.00
3	16QAM	8	4	22.00	22.33	22.06	24.00
3	16QAM	8	7	22.00	22.43	22.05	24.00
3	16QAM	15	0	22.01	22.22	22.01	24.00
3	64QAM	1	0	22.00	22.46	22.02	24.00
3	64QAM	1	8	22.03	22.48	22.16	24.00
3	64QAM	1	14	22.01	22.33	22.08	24.00
3	64QAM	8	0	21.00	21.29	21.01	23.00
3	64QAM	8	4	21.03	21.38	21.00	23.00
3	64QAM	8	7	21.00	21.37	21.05	23.00
3	64QAM	15	0	21.00	21.40	21.01	23.00
3	256QAM	1	0	19.00	19.26	19.00	21.00
3	256QAM	1	8	19.28	19.55	19.29	21.00
3	256QAM	1	14	19.01	19.36	19.12	21.00
3	256QAM	8	0	19.00	19.26	19.00	21.00
3	256QAM	8	4	19.00	19.33	19.00	21.00
3	256QAM	8	7	19.04	19.42	19.06	21.00
3	256QAM	15	0	19.01	19.35	19.10	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.33	22.55	22.31	24.00
1.4	QPSK	1	3	22.00	22.23	22.01	24.00
1.4	QPSK	1	5	22.00	22.43	22.04	24.00
1.4	QPSK	3	0	22.01	22.39	22.03	24.00
1.4	QPSK	3	1	22.00	22.46	22.01	24.00
1.4	QPSK	3	3	22.01	22.38	22.06	24.00
1.4	QPSK	6	0	21.99	22.40	22.08	23.00
1.4	16QAM	1	0	22.10	22.63	22.26	23.00
1.4	16QAM	1	3	22.26	22.58	22.33	23.00
1.4	16QAM	1	5	22.12	22.56	22.23	23.00



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1.4	16QAM	3	0	21.86	22.39	21.96	23.00
1.4	16QAM	3	1	21.97	22.34	21.97	23.00
1.4	16QAM	3	3	21.98	22.35	22.05	23.00
1.4	16QAM	6	0	21.96	21.99	21.95	22.00
1.4	64QAM	1	0	21.98	22.00	22.00	22.00
1.4	64QAM	1	3	22.00	21.98	21.99	22.00
1.4	64QAM	1	5	21.88	21.99	22.00	22.00
1.4	64QAM	3	0	20.85	21.25	20.91	22.00
1.4	64QAM	3	1	21.01	21.29	21.09	22.00
1.4	64QAM	3	3	21.10	21.39	21.05	22.00
1.4	64QAM	6	0	20.87	21.00	20.96	21.00
1.4	256QAM	1	0	18.92	18.99	18.97	19.00
1.4	256QAM	1	3	19.00	19.00	19.00	19.00
1.4	256QAM	1	5	18.96	19.00	19.00	19.00
1.4	256QAM	3	0	18.90	19.00	18.98	19.00
1.4	256QAM	3	1	18.91	19.00	18.98	19.00
1.4	256QAM	3	3	18.96	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	18.99	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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.03	20.10	20.07	21.80
20	QPSK	1	49	19.98	19.90	19.96	21.80
20	QPSK	1	99	19.97	19.96	19.97	21.80
20	QPSK	50	0	19.97	20.01	19.99	21.80
20	QPSK	50	24	19.91	19.94	19.92	21.80
20	QPSK	50	50	19.94	19.96	19.92	21.80
20	QPSK	100	0	19.92	19.86	19.83	21.80
20	16QAM	1	0	19.94	19.94	19.87	21.80
20	16QAM	1	49	19.87	19.87	19.83	21.80
20	16QAM	1	99	19.92	19.85	19.91	21.80
20	16QAM	50	0	19.89	19.92	19.92	21.80
20	16QAM	50	24	19.95	19.91	19.89	21.80
20	16QAM	50	50	19.95	19.89	19.87	21.80
20	16QAM	100	0	19.87	19.94	19.85	21.80
20	64QAM	1	0	19.97	19.95	19.94	21.80
20	64QAM	1	49	19.92	19.86	19.86	21.80
20	64QAM	1	99	19.98	19.90	19.83	21.80
20	64QAM	50	0	19.96	19.88	19.92	21.80
20	64QAM	50	24	19.95	19.91	19.94	21.80
20	64QAM	50	50	19.98	19.86	19.83	21.80
20	64QAM	100	0	19.89	19.91	19.95	21.80
20	256QAM	1	0	19.21	19.29	19.21	21.00
20	256QAM	1	49	19.15	19.09	19.07	21.00
20	256QAM	1	99	19.16	19.14	19.16	21.00
20	256QAM	50	0	19.17	19.19	19.14	21.00
20	256QAM	50	24	19.14	19.06	19.12	21.00
20	256QAM	50	50	19.15	19.17	19.13	21.00
20	256QAM	100	0	19.07	19.10	19.04	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.96	19.95	20.02	21.80
15	QPSK	1	37	19.92	19.87	19.88	21.80
15	QPSK	1	74	19.86	19.92	19.86	21.80
15	QPSK	36	0	19.83	19.89	19.91	21.80
15	QPSK	36	20	19.89	19.84	19.88	21.80
15	QPSK	36	39	19.82	19.82	19.91	21.80
15	QPSK	75	0	19.80	19.82	19.82	21.80
15	16QAM	1	0	19.89	19.91	19.87	21.80
15	16QAM	1	37	19.85	19.82	19.82	21.80
15	16QAM	1	74	19.84	19.85	19.82	21.80
15	16QAM	36	0	19.89	19.82	19.87	21.80
15	16QAM	36	20	19.82	19.87	19.81	21.80
15	16QAM	36	39	19.87	19.85	19.85	21.80
15	16QAM	75	0	19.86	19.82	19.85	21.80
15	64QAM	1	0	19.89	19.86	19.94	21.80
15	64QAM	1	37	19.84	19.80	19.83	21.80
15	64QAM	1	74	19.82	19.89	19.92	21.80
15	64QAM	36	0	19.81	19.81	19.85	21.80
15	64QAM	36	20	19.93	19.89	19.84	21.80



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15	64QAM	36	39	19.84	19.81	19.81	21.80
15	64QAM	75	0	19.84	19.83	19.85	21.80
15	256QAM	1	0	19.07	19.00	19.12	21.00
15	256QAM	1	37	19.05	19.03	19.12	21.00
15	256QAM	1	74	19.05	19.06	19.00	21.00
15	256QAM	36	0	19.14	19.14	19.04	21.00
15	256QAM	36	20	19.13	19.13	19.01	21.00
15	256QAM	36	39	19.04	19.11	19.07	21.00
15	256QAM	75	0	19.12	19.06	19.03	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.96	19.97	19.99	21.80
10	QPSK	1	25	19.86	19.91	19.90	21.80
10	QPSK	1	49	19.82	19.92	19.83	21.80
10	QPSK	25	0	19.95	19.98	19.96	21.80
10	QPSK	25	12	19.90	19.82	19.88	21.80
10	QPSK	25	25	19.83	19.93	19.84	21.80
10	QPSK	50	0	19.85	19.82	19.81	21.80
10	16QAM	1	0	19.83	19.92	19.80	21.80
10	16QAM	1	25	19.85	19.82	19.85	21.80
10	16QAM	1	49	19.90	19.80	19.87	21.80
10	16QAM	25	0	19.86	19.86	19.88	21.80
10	16QAM	25	12	19.87	19.83	19.82	21.80
10	16QAM	25	25	19.87	19.87	19.85	21.80
10	16QAM	50	0	19.87	19.82	19.81	21.80
10	64QAM	1	0	19.89	19.93	19.88	21.80
10	64QAM	1	25	19.87	19.81	19.84	21.80
10	64QAM	1	49	19.91	19.82	19.84	21.80
10	64QAM	25	0	19.84	19.84	19.88	21.80
10	64QAM	25	12	19.93	19.82	19.93	21.80
10	64QAM	25	25	19.83	19.86	19.83	21.80
10	64QAM	50	0	19.80	19.82	19.82	21.80
10	256QAM	1	0	19.01	19.04	19.03	21.00
10	256QAM	1	25	19.11	19.11	19.01	21.00
10	256QAM	1	49	19.04	19.00	19.03	21.00
10	256QAM	25	0	19.14	19.09	19.02	21.00
10	256QAM	25	12	19.12	19.08	19.14	21.00
10	256QAM	25	25	19.12	19.13	19.06	21.00
10	256QAM	50	0	19.14	19.03	19.07	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.99	20.09	19.97	21.80
5	QPSK	1	12	19.86	19.82	19.92	21.80
5	QPSK	1	24	19.83	19.94	19.85	21.80
5	QPSK	12	0	19.88	19.89	19.90	21.80
5	QPSK	12	7	19.82	19.89	19.93	21.80
5	QPSK	12	13	19.83	19.87	19.89	21.80
5	QPSK	25	0	19.90	19.94	19.82	21.80
5	16QAM	1	0	19.91	19.86	19.84	21.80
5	16QAM	1	12	19.81	19.85	19.81	21.80
5	16QAM	1	24	19.82	19.82	19.87	21.80
5	16QAM	12	0	19.89	19.83	19.86	21.80
5	16QAM	12	7	19.83	19.94	19.82	21.80
5	16QAM	12	13	19.95	19.81	19.84	21.80
5	16QAM	25	0	19.87	19.92	19.81	21.80
5	64QAM	1	0	19.82	19.88	19.84	21.80
5	64QAM	1	12	19.83	19.83	19.84	21.80
5	64QAM	1	24	19.91	19.81	19.95	21.80
5	64QAM	12	0	19.88	19.84	19.89	21.80
5	64QAM	12	7	19.82	19.82	19.81	21.80
5	64QAM	12	13	19.82	19.82	19.91	21.80
5	64QAM	25	0	19.81	19.84	19.92	21.80
5	256QAM	1	0	19.07	19.15	19.09	21.00
5	256QAM	1	12	19.10	19.07	19.06	21.00
5	256QAM	1	24	19.14	19.13	19.03	21.00
5	256QAM	12	0	19.10	19.13	19.06	21.00
5	256QAM	12	7	19.07	19.05	19.12	21.00
5	256QAM	12	13	19.01	19.01	19.10	21.00
5	256QAM	25	0	19.15	19.02	19.02	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.01	19.97	20.01	21.80
3	QPSK	1	8	19.89	19.81	19.92	21.80
3	QPSK	1	14	19.88	19.88	19.92	21.80
3	QPSK	8	0	19.87	19.99	19.94	21.80
3	QPSK	8	4	19.87	19.92	19.91	21.80
3	QPSK	8	7	19.86	19.83	19.90	21.80
3	QPSK	15	0	19.82	19.84	19.84	21.80



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3	16QAM	1	0	19.88	19.85	19.81	21.80
3	16QAM	1	8	19.81	19.85	19.84	21.80
3	16QAM	1	14	19.83	19.89	19.89	21.80
3	16QAM	8	0	19.90	19.81	19.90	21.80
3	16QAM	8	4	19.85	19.88	19.80	21.80
3	16QAM	8	7	19.93	19.85	19.84	21.80
3	16QAM	15	0	19.84	19.84	19.91	21.80
3	64QAM	1	0	19.89	19.81	19.89	21.80
3	64QAM	1	8	19.87	19.84	19.83	21.80
3	64QAM	1	14	19.87	19.81	19.82	21.80
3	64QAM	8	0	19.89	19.84	19.87	21.80
3	64QAM	8	4	19.86	19.93	19.86	21.80
3	64QAM	8	7	19.87	19.82	19.88	21.80
3	64QAM	15	0	19.89	19.85	19.90	21.80
3	256QAM	1	0	19.03	19.05	19.01	21.00
3	256QAM	1	8	19.13	19.03	19.15	21.00
3	256QAM	1	14	19.13	19.14	19.01	21.00
3	256QAM	8	0	19.00	19.09	19.09	21.00
3	256QAM	8	4	19.08	19.06	19.15	21.00
3	256QAM	8	7	19.13	19.07	19.05	21.00
3	256QAM	15	0	19.08	19.05	19.08	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.94	20.06	20.02	21.80
1.4	QPSK	1	3	19.85	19.82	19.88	21.80
1.4	QPSK	1	5	19.83	19.92	19.92	21.80
1.4	QPSK	3	0	19.94	19.86	19.97	21.80
1.4	QPSK	3	1	19.90	19.86	19.84	21.80
1.4	QPSK	3	3	19.90	19.84	19.88	21.80
1.4	QPSK	6	0	19.81	19.84	19.80	21.80
1.4	16QAM	1	0	19.83	19.89	19.81	21.80
1.4	16QAM	1	3	19.84	19.85	19.81	21.80
1.4	16QAM	1	5	19.84	19.81	19.94	21.80
1.4	16QAM	3	0	19.91	19.89	19.88	21.80
1.4	16QAM	3	1	19.86	19.87	19.90	21.80
1.4	16QAM	3	3	19.81	19.81	19.82	21.80
1.4	16QAM	6	0	19.91	19.82	19.89	21.80
1.4	64QAM	1	0	19.86	19.93	19.85	21.80
1.4	64QAM	1	3	19.84	19.84	19.84	21.80
1.4	64QAM	1	5	19.82	19.83	19.83	21.80
1.4	64QAM	3	0	19.94	19.80	19.82	21.80
1.4	64QAM	3	1	19.93	19.84	19.90	21.80
1.4	64QAM	3	3	19.83	19.80	19.85	21.80
1.4	64QAM	6	0	19.00	19.01	19.08	21.00
1.4	256QAM	1	0	17.07	17.11	17.03	19.00
1.4	256QAM	1	3	17.13	17.09	17.01	19.00
1.4	256QAM	1	5	17.09	17.07	17.11	19.00
1.4	256QAM	3	0	17.07	17.08	17.14	19.00
1.4	256QAM	3	1	17.10	17.01	17.15	19.00
1.4	256QAM	3	3	17.12	17.04	17.15	19.00
1.4	256QAM	6	0	17.11	17.04	17.07	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.03	20.10	20.07	21.80
20	QPSK	1	49	19.98	19.90	19.96	21.80
20	QPSK	1	99	19.97	19.96	19.97	21.80
20	QPSK	50	0	19.97	20.01	19.99	21.80
20	QPSK	50	24	19.91	19.94	19.92	21.80
20	QPSK	50	50	19.94	19.96	19.92	21.80
20	QPSK	100	0	19.92	19.93	19.83	21.80
20	16QAM	1	0	19.94	19.94	19.87	21.80
20	16QAM	1	49	19.87	19.87	19.83	21.80
20	16QAM	1	99	19.92	19.85	19.91	21.80
20	16QAM	50	0	19.89	19.92	19.92	21.80
20	16QAM	50	24	19.95	19.91	19.89	21.80
20	16QAM	50	50	19.95	19.89	19.87	21.80
20	16QAM	100	0	19.87	19.94	19.85	21.80
20	64QAM	1	0	19.97	19.95	19.94	21.80
20	64QAM	1	49	19.92	19.86	19.86	21.80



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20	64QAM	1	99	19.98	19.90	19.83	21.80
20	64QAM	50	0	19.96	19.88	19.92	21.80
20	64QAM	50	24	19.95	19.91	19.94	21.80
20	64QAM	50	50	19.98	19.86	19.83	21.80
20	64QAM	100	0	19.89	19.91	19.95	21.80
20	256QAM	1	0	19.21	19.29	19.21	21.00
20	256QAM	1	49	19.15	19.09	19.07	21.00
20	256QAM	1	99	19.16	19.14	19.16	21.00
20	256QAM	50	0	19.17	19.19	19.14	21.00
20	256QAM	50	24	19.14	19.06	19.12	21.00
20	256QAM	50	50	19.15	19.17	19.13	21.00
20	256QAM	100	0	19.07	19.10	19.04	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.96	19.95	20.02	21.80
15	QPSK	1	37	19.92	19.87	19.88	21.80
15	QPSK	1	74	19.86	19.92	19.86	21.80
15	QPSK	36	0	19.83	19.89	19.91	21.80
15	QPSK	36	20	19.89	19.84	19.88	21.80
15	QPSK	36	39	19.82	19.82	19.91	21.80
15	QPSK	75	0	19.80	19.82	19.82	21.80
15	16QAM	1	0	19.89	19.91	19.87	21.80
15	16QAM	1	37	19.85	19.82	19.82	21.80
15	16QAM	1	74	19.84	19.85	19.82	21.80
15	16QAM	36	0	19.89	19.82	19.87	21.80
15	16QAM	36	20	19.82	19.87	19.81	21.80
15	16QAM	36	39	19.87	19.85	19.85	21.80
15	16QAM	75	0	19.86	19.82	19.85	21.80
15	64QAM	1	0	19.89	19.86	19.94	21.80
15	64QAM	1	37	19.84	19.80	19.83	21.80
15	64QAM	1	74	19.82	19.89	19.92	21.80
15	64QAM	36	0	19.81	19.81	19.85	21.80
15	64QAM	36	20	19.93	19.89	19.84	21.80
15	64QAM	36	39	19.84	19.81	19.81	21.80
15	64QAM	75	0	19.84	19.83	19.85	21.80
15	256QAM	1	0	19.07	19.00	19.12	21.00
15	256QAM	1	37	19.05	19.03	19.12	21.00
15	256QAM	1	74	19.05	19.06	19.00	21.00
15	256QAM	36	0	19.14	19.14	19.04	21.00
15	256QAM	36	20	19.13	19.13	19.01	21.00
15	256QAM	36	39	19.04	19.11	19.07	21.00
15	256QAM	75	0	19.12	19.06	19.03	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.96	19.97	19.99	21.80
10	QPSK	1	25	19.86	19.91	19.90	21.80
10	QPSK	1	49	19.82	19.92	19.83	21.80
10	QPSK	25	0	19.95	19.98	19.96	21.80
10	QPSK	25	12	19.90	19.82	19.88	21.80
10	QPSK	25	25	19.83	19.93	19.84	21.80
10	QPSK	50	0	19.85	19.82	19.81	21.80
10	16QAM	1	0	19.83	19.92	19.80	21.80
10	16QAM	1	25	19.85	19.82	19.85	21.80
10	16QAM	1	49	19.90	19.80	19.87	21.80
10	16QAM	25	0	19.86	19.86	19.88	21.80
10	16QAM	25	12	19.87	19.83	19.82	21.80
10	16QAM	25	25	19.87	19.87	19.85	21.80
10	16QAM	50	0	19.87	19.82	19.81	21.80
10	64QAM	1	0	19.89	19.93	19.88	21.80
10	64QAM	1	25	19.87	19.81	19.84	21.80
10	64QAM	1	49	19.91	19.82	19.84	21.80
10	64QAM	25	0	19.84	19.84	19.88	21.80
10	64QAM	25	12	19.93	19.82	19.93	21.80
10	64QAM	25	25	19.83	19.86	19.83	21.80
10	64QAM	50	0	19.80	19.82	19.82	21.80
10	256QAM	1	0	19.01	19.04	19.03	21.00
10	256QAM	1	25	19.11	19.11	19.01	21.00
10	256QAM	1	49	19.04	19.00	19.03	21.00
10	256QAM	25	0	19.14	19.09	19.02	21.00
10	256QAM	25	12	19.12	19.08	19.14	21.00
10	256QAM	25	25	19.12	19.13	19.06	21.00
10	256QAM	50	0	19.14	19.03	19.07	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.99	20.09	19.97	21.80
5	QPSK	1	12	19.86	19.82	19.92	21.80
5	QPSK	1	24	19.83	19.94	19.85	21.80
5	QPSK	12	0	19.88	19.89	19.90	21.80



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5	QPSK	12	7	19.82	19.89	19.93	21.80
5	QPSK	12	13	19.83	19.87	19.89	21.80
5	QPSK	25	0	19.90	19.94	19.82	21.80
5	16QAM	1	0	19.91	19.86	19.84	21.80
5	16QAM	1	12	19.81	19.85	19.81	21.80
5	16QAM	1	24	19.82	19.82	19.87	21.80
5	16QAM	12	0	19.89	19.83	19.86	21.80
5	16QAM	12	7	19.83	19.94	19.82	21.80
5	16QAM	12	13	19.95	19.81	19.84	21.80
5	16QAM	25	0	19.87	19.92	19.81	21.80
5	64QAM	1	0	19.82	19.88	19.84	21.80
5	64QAM	1	12	19.83	19.83	19.84	21.80
5	64QAM	1	24	19.91	19.81	19.95	21.80
5	64QAM	12	0	19.88	19.84	19.89	21.80
5	64QAM	12	7	19.82	19.82	19.81	21.80
5	64QAM	12	13	19.82	19.82	19.91	21.80
5	64QAM	25	0	19.81	19.84	19.92	21.80
5	256QAM	1	0	19.07	19.15	19.09	21.00
5	256QAM	1	12	19.10	19.07	19.06	21.00
5	256QAM	1	24	19.14	19.13	19.03	21.00
5	256QAM	12	0	19.10	19.13	19.06	21.00
5	256QAM	12	7	19.07	19.05	19.12	21.00
5	256QAM	12	13	19.01	19.01	19.10	21.00
5	256QAM	25	0	19.15	19.02	19.02	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.01	19.97	20.01	21.80
3	QPSK	1	8	19.89	19.81	19.92	21.80
3	QPSK	1	14	19.88	19.88	19.92	21.80
3	QPSK	8	0	19.87	19.99	19.94	21.80
3	QPSK	8	4	19.87	19.92	19.91	21.80
3	QPSK	8	7	19.86	19.83	19.90	21.80
3	QPSK	15	0	19.82	19.84	19.84	21.80
3	16QAM	1	0	19.88	19.85	19.81	21.80
3	16QAM	1	8	19.81	19.85	19.84	21.80
3	16QAM	1	14	19.83	19.89	19.89	21.80
3	16QAM	8	0	19.90	19.81	19.90	21.80
3	16QAM	8	4	19.85	19.88	19.80	21.80
3	16QAM	8	7	19.93	19.85	19.84	21.80
3	16QAM	15	0	19.84	19.84	19.91	21.80
3	64QAM	1	0	19.89	19.81	19.89	21.80
3	64QAM	1	8	19.87	19.84	19.83	21.80
3	64QAM	1	14	19.87	19.81	19.82	21.80
3	64QAM	8	0	19.89	19.84	19.87	21.80
3	64QAM	8	4	19.86	19.93	19.86	21.80
3	64QAM	8	7	19.87	19.82	19.88	21.80
3	64QAM	15	0	19.89	19.85	19.90	21.80
3	256QAM	1	0	19.03	19.05	19.01	21.00
3	256QAM	1	8	19.13	19.03	19.15	21.00
3	256QAM	1	14	19.13	19.14	19.01	21.00
3	256QAM	8	0	19.00	19.09	19.09	21.00
3	256QAM	8	4	19.08	19.06	19.15	21.00
3	256QAM	8	7	19.13	19.07	19.05	21.00
3	256QAM	15	0	19.08	19.05	19.08	21.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.94	20.06	20.02	21.80
1.4	QPSK	1	3	19.85	19.82	19.88	21.80
1.4	QPSK	1	5	19.83	19.92	19.92	21.80
1.4	QPSK	3	0	19.94	19.86	19.97	21.80
1.4	QPSK	3	1	19.90	19.86	19.84	21.80
1.4	QPSK	3	3	19.90	19.84	19.88	21.80
1.4	QPSK	6	0	19.81	19.84	19.80	21.80
1.4	16QAM	1	0	19.83	19.89	19.81	21.80
1.4	16QAM	1	3	19.84	19.85	19.81	21.80
1.4	16QAM	1	5	19.84	19.81	19.94	21.80
1.4	16QAM	3	0	19.91	19.89	19.88	21.80
1.4	16QAM	3	1	19.86	19.87	19.90	21.80
1.4	16QAM	3	3	19.81	19.81	19.82	21.80
1.4	16QAM	6	0	19.91	19.82	19.89	21.80
1.4	64QAM	1	0	19.86	19.93	19.85	21.80
1.4	64QAM	1	3	19.84	19.84	19.84	21.80
1.4	64QAM	1	5	19.82	19.83	19.83	21.80
1.4	64QAM	3	0	19.94	19.80	19.82	21.80
1.4	64QAM	3	1	19.93	19.84	19.90	21.80
1.4	64QAM	3	3	19.83	19.80	19.85	21.80
1.4	64QAM	6	0	19.00	19.01	19.08	21.00
1.4	256QAM	1	0	17.07	17.11	17.03	19.00



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1.4	256QAM	1	3	17.13	17.09	17.01	19.00
1.4	256QAM	1	5	17.09	17.07	17.11	19.00
1.4	256QAM	3	0	17.07	17.08	17.14	19.00
1.4	256QAM	3	1	17.10	17.01	17.15	19.00
1.4	256QAM	3	3	17.12	17.04	17.15	19.00
1.4	256QAM	6	0	17.11	17.04	17.07	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.44	21.49	21.48	22.50
20	QPSK	1	49	21.30	21.38	21.27	22.50
20	QPSK	1	99	21.33	21.29	21.34	22.50
20	QPSK	50	0	21.43	21.46	21.43	22.50
20	QPSK	50	24	21.31	21.30	21.29	22.50
20	QPSK	50	50	21.38	21.33	21.34	22.50
20	QPSK	100	0	21.31	21.33	21.28	22.50
20	16QAM	1	0	21.34	21.28	21.34	22.50
20	16QAM	1	49	21.38	21.27	21.26	22.50
20	16QAM	1	99	21.37	21.26	21.25	22.50
20	16QAM	50	0	21.39	21.32	21.24	22.50
20	16QAM	50	24	21.29	21.27	21.30	22.50
20	16QAM	50	50	21.30	21.36	21.24	22.50
20	16QAM	100	0	21.35	21.34	21.34	22.50
20	64QAM	1	0	21.30	21.25	21.34	22.50
20	64QAM	1	49	21.28	21.27	21.25	22.50
20	64QAM	1	99	21.31	21.29	21.25	22.50
20	64QAM	50	0	21.38	21.27	21.29	22.50
20	64QAM	50	24	21.38	21.35	21.34	22.50
20	64QAM	50	50	21.34	21.28	21.30	22.50
20	64QAM	100	0	21.33	21.34	21.34	22.50
20	256QAM	1	0	19.87	19.98	19.89	21.00
20	256QAM	1	49	19.80	19.81	19.85	21.00
20	256QAM	1	99	19.80	19.84	19.80	21.00
20	256QAM	50	0	19.88	19.96	19.89	21.00
20	256QAM	50	24	19.82	19.76	19.74	21.00
20	256QAM	50	50	19.79	19.78	19.81	21.00
20	256QAM	100	0	19.79	19.78	19.82	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.32	21.44	21.35	22.50
15	QPSK	1	37	21.16	21.27	21.22	22.50
15	QPSK	1	74	21.26	21.22	21.32	22.50
15	QPSK	36	0	21.36	21.34	21.28	22.50
15	QPSK	36	20	21.25	21.17	21.24	22.50
15	QPSK	36	39	21.27	21.24	21.32	22.50
15	QPSK	75	0	21.26	21.25	21.16	22.50
15	16QAM	1	0	21.30	21.23	21.27	22.50
15	16QAM	1	37	21.32	21.26	21.19	22.50
15	16QAM	1	74	21.24	21.13	21.12	22.50
15	16QAM	36	0	21.30	21.23	21.21	22.50
15	16QAM	36	20	21.27	21.14	21.26	22.50
15	16QAM	36	39	21.27	21.34	21.20	22.50
15	16QAM	75	0	21.26	21.27	21.26	22.50
15	64QAM	1	0	21.17	21.14	21.28	22.50
15	64QAM	1	37	21.14	21.13	21.13	22.50
15	64QAM	1	74	21.23	21.25	21.20	22.50
15	64QAM	36	0	21.34	21.21	21.23	22.50
15	64QAM	36	20	21.28	21.23	21.29	22.50
15	64QAM	36	39	21.27	21.16	21.20	22.50
15	64QAM	75	0	21.26	21.20	21.25	22.50
15	256QAM	1	0	19.05	19.05	19.04	21.00
15	256QAM	1	37	19.03	19.07	19.12	21.00
15	256QAM	1	74	19.02	19.11	19.09	21.00
15	256QAM	36	0	19.12	19.07	19.14	21.00
15	256QAM	36	20	19.15	19.05	19.06	21.00
15	256QAM	36	39	19.00	19.13	19.13	21.00
15	256QAM	75	0	19.06	19.05	19.13	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.33	21.41	21.36	22.50



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10	QPSK	1	25	21.25	21.36	21.23	22.50
10	QPSK	1	49	21.22	21.14	21.20	22.50
10	QPSK	25	0	21.34	21.42	21.31	22.50
10	QPSK	25	12	21.30	21.18	21.24	22.50
10	QPSK	25	25	21.31	21.20	21.21	22.50
10	QPSK	50	0	21.23	21.23	21.27	22.50
10	16QAM	1	0	21.20	21.19	21.26	22.50
10	16QAM	1	25	21.33	21.14	21.15	22.50
10	16QAM	1	49	21.23	21.17	21.18	22.50
10	16QAM	25	0	21.28	21.31	21.09	22.50
10	16QAM	25	12	21.15	21.22	21.21	22.50
10	16QAM	25	25	21.23	21.33	21.10	22.50
10	16QAM	50	0	21.22	21.20	21.32	22.50
10	64QAM	1	0	21.24	21.23	21.24	22.50
10	64QAM	1	25	21.14	21.18	21.21	22.50
10	64QAM	1	49	21.29	21.19	21.21	22.50
10	64QAM	25	0	21.26	21.22	21.25	22.50
10	64QAM	25	12	21.32	21.34	21.28	22.50
10	64QAM	25	25	21.30	21.17	21.17	22.50
10	64QAM	50	0	21.25	21.27	21.20	22.50
10	256QAM	1	0	19.05	19.05	19.06	21.00
10	256QAM	1	25	19.01	19.04	19.10	21.00
10	256QAM	1	49	19.07	19.03	19.05	21.00
10	256QAM	25	0	19.01	19.11	19.01	21.00
10	256QAM	25	12	19.10	19.09	19.00	21.00
10	256QAM	25	25	19.00	19.03	19.10	21.00
10	256QAM	50	0	19.08	19.08	19.00	21.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.37	21.37	21.37	22.50
5	QPSK	1	12	21.22	21.33	21.15	22.50
5	QPSK	1	24	21.21	21.26	21.21	22.50
5	QPSK	12	0	21.34	21.42	21.31	22.50
5	QPSK	12	7	21.24	21.28	21.16	22.50
5	QPSK	12	13	21.26	21.32	21.20	22.50
5	QPSK	25	0	21.18	21.28	21.18	22.50
5	16QAM	1	0	21.21	21.16	21.24	22.50
5	16QAM	1	12	21.27	21.21	21.16	22.50
5	16QAM	1	24	21.24	21.13	21.22	22.50
5	16QAM	12	0	21.27	21.24	21.14	22.50
5	16QAM	12	7	21.15	21.16	21.18	22.50
5	16QAM	12	13	21.17	21.25	21.22	22.50
5	16QAM	25	0	21.30	21.30	21.22	22.50
5	64QAM	1	0	21.16	21.10	21.31	22.50
5	64QAM	1	12	21.27	21.21	21.22	22.50
5	64QAM	1	24	21.22	21.20	21.17	22.50
5	64QAM	12	0	21.25	21.15	21.27	22.50
5	64QAM	12	7	21.25	21.31	21.30	22.50
5	64QAM	12	13	21.29	21.15	21.21	22.50
5	64QAM	25	0	21.23	21.24	21.22	22.50
5	256QAM	1	0	19.11	19.14	19.06	21.00
5	256QAM	1	12	19.10	19.14	19.09	21.00
5	256QAM	1	24	19.07	19.03	19.02	21.00
5	256QAM	12	0	19.02	19.08	19.03	21.00
5	256QAM	12	7	19.14	19.12	19.14	21.00
5	256QAM	12	13	19.01	19.02	19.12	21.00
5	256QAM	25	0	19.09	19.12	19.02	21.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.30	21.45	21.46	22.50
3	QPSK	1	8	21.20	21.24	21.26	22.50
3	QPSK	1	14	21.31	21.20	21.23	22.50
3	QPSK	8	0	21.29	21.42	21.39	22.50
3	QPSK	8	4	21.25	21.16	21.19	22.50
3	QPSK	8	7	21.27	21.21	21.28	22.50
3	QPSK	15	0	21.20	21.17	21.24	22.50
3	16QAM	1	0	21.30	21.17	21.20	22.50
3	16QAM	1	8	21.25	21.12	21.20	22.50
3	16QAM	1	14	21.33	21.24	21.15	22.50
3	16QAM	8	0	21.32	21.26	21.17	22.50
3	16QAM	8	4	21.21	21.24	21.21	22.50
3	16QAM	8	7	21.27	21.29	21.21	22.50
3	16QAM	15	0	21.32	21.26	21.27	22.50
3	64QAM	1	0	21.20	21.16	21.22	22.50
3	64QAM	1	8	21.24	21.18	21.18	22.50
3	64QAM	1	14	21.30	21.19	21.19	22.50
3	64QAM	8	0	21.24	21.23	21.25	22.50
3	64QAM	8	4	21.36	21.25	21.28	22.50



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3	64QAM	8	7	21.25	21.18	21.23	22.50
3	64QAM	15	0	21.31	21.30	21.23	22.50
3	256QAM	1	0	19.14	19.04	19.10	21.00
3	256QAM	1	8	19.10	19.03	19.03	21.00
3	256QAM	1	14	19.04	19.11	19.05	21.00
3	256QAM	8	0	19.08	19.15	19.07	21.00
3	256QAM	8	4	19.05	19.00	19.06	21.00
3	256QAM	8	7	19.13	19.06	19.01	21.00
3	256QAM	15	0	19.12	19.09	19.08	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.33	21.47	21.34	22.50
1.4	QPSK	1	3	21.28	21.24	21.16	22.50
1.4	QPSK	1	5	21.31	21.20	21.31	22.50
1.4	QPSK	3	0	21.38	21.32	21.30	22.50
1.4	QPSK	3	1	21.22	21.26	21.16	22.50
1.4	QPSK	3	3	21.28	21.28	21.32	22.50
1.4	QPSK	6	0	21.24	21.20	21.14	22.50
1.4	16QAM	1	0	21.29	21.20	21.20	22.50
1.4	16QAM	1	3	21.30	21.23	21.21	22.50
1.4	16QAM	1	5	21.30	21.15	21.24	22.50
1.4	16QAM	3	0	21.29	21.18	21.14	22.50
1.4	16QAM	3	1	21.22	21.26	21.25	22.50
1.4	16QAM	3	3	21.21	21.34	21.15	22.50
1.4	16QAM	6	0	20.84	20.76	20.73	22.00
1.4	64QAM	1	0	20.73	20.63	20.78	22.00
1.4	64QAM	1	3	20.66	20.67	20.70	22.00
1.4	64QAM	1	5	20.74	20.71	20.69	22.00
1.4	64QAM	3	0	20.75	20.72	20.67	22.00
1.4	64QAM	3	1	20.77	20.74	20.81	22.00
1.4	64QAM	3	3	20.72	20.70	20.73	22.00
1.4	64QAM	6	0	19.81	19.75	19.76	21.00
1.4	256QAM	1	0	17.03	17.03	17.15	19.00
1.4	256QAM	1	3	17.03	17.00	17.09	19.00
1.4	256QAM	1	5	17.07	17.12	17.05	19.00
1.4	256QAM	3	0	17.05	17.11	17.06	19.00
1.4	256QAM	3	1	17.10	17.06	17.09	19.00
1.4	256QAM	3	3	17.04	17.01	17.10	19.00
1.4	256QAM	6	0	17.03	17.08	17.08	19.00

【LTE Band 66_Ant 1_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.55	22.73	22.63	24.00
20	QPSK	1	49	22.00	22.36	22.03	24.00
20	QPSK	1	99	22.03	22.45	22.10	24.00
20	QPSK	50	0	22.37	22.53	22.33	24.00
20	QPSK	50	24	22.08	22.30	22.13	24.00
20	QPSK	50	50	22.05	22.21	22.15	24.00
20	QPSK	100	0	22.03	22.41	22.11	24.00
20	16QAM	1	0	22.20	22.66	22.34	24.00
20	16QAM	1	49	22.29	22.68	22.35	24.00
20	16QAM	1	99	22.26	22.68	22.29	24.00
20	16QAM	50	0	22.00	22.42	22.08	24.00
20	16QAM	50	24	22.00	22.39	22.07	24.00
20	16QAM	50	50	22.00	22.49	22.14	24.00
20	16QAM	100	0	22.02	22.35	22.06	24.00
20	64QAM	1	0	22.03	22.50	22.10	24.00
20	64QAM	1	49	22.07	22.56	22.24	24.00
20	64QAM	1	99	22.01	22.45	22.13	24.00
20	64QAM	50	0	21.00	21.37	21.00	23.00
20	64QAM	50	24	21.08	21.43	21.12	23.00
20	64QAM	50	50	21.13	21.48	21.18	23.00
20	64QAM	100	0	21.00	21.42	21.02	23.00
20	256QAM	1	0	19.00	19.36	19.08	21.00
20	256QAM	1	49	19.33	19.66	19.36	21.00
20	256QAM	1	99	19.01	19.40	19.13	21.00
20	256QAM	50	0	19.00	19.32	19.07	21.00
20	256QAM	50	24	19.01	19.41	19.07	21.00
20	256QAM	50	50	19.05	19.45	19.18	21.00
20	256QAM	100	0	19.07	19.42	19.13	21.00



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Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.29	22.57	22.39	24.00
15	QPSK	1	37	22.00	22.21	22.01	24.00
15	QPSK	1	74	22.01	22.43	22.05	24.00
15	QPSK	36	0	22.03	22.47	22.12	24.00
15	QPSK	36	20	22.00	22.44	22.12	24.00
15	QPSK	36	39	22.00	22.47	22.07	24.00
15	QPSK	75	0	22.00	22.29	22.03	24.00
15	16QAM	1	0	22.07	22.55	22.32	24.00
15	16QAM	1	37	22.26	22.64	22.32	24.00
15	16QAM	1	74	22.14	22.54	22.14	24.00
15	16QAM	36	0	22.00	22.34	22.07	24.00
15	16QAM	36	20	22.00	22.26	22.01	24.00
15	16QAM	36	39	22.01	22.43	22.05	24.00
15	16QAM	75	0	22.00	22.33	22.00	24.00
15	64QAM	1	0	22.00	22.35	22.02	24.00
15	64QAM	1	37	22.01	22.50	22.17	24.00
15	64QAM	1	74	22.01	22.33	22.10	24.00
15	64QAM	36	0	21.01	21.25	21.01	23.00
15	64QAM	36	20	21.00	21.39	21.02	23.00
15	64QAM	36	39	21.06	21.42	21.15	23.00
15	64QAM	75	0	21.00	21.31	21.00	23.00
15	256QAM	1	0	19.00	19.32	19.00	21.00
15	256QAM	1	37	19.25	19.62	19.34	21.00
15	256QAM	1	74	19.00	19.36	19.03	21.00
15	256QAM	36	0	19.02	19.18	19.00	21.00
15	256QAM	36	20	19.00	19.40	19.01	21.00
15	256QAM	36	39	19.00	19.32	19.07	21.00
15	256QAM	75	0	19.02	19.36	19.11	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.29	22.66	22.33	24.00
10	QPSK	1	25	22.02	22.32	22.01	24.00
10	QPSK	1	49	22.01	22.31	22.06	24.00
10	QPSK	25	0	22.00	22.44	22.09	24.00
10	QPSK	25	12	22.01	22.47	22.10	24.00
10	QPSK	25	25	22.01	22.37	22.10	24.00
10	QPSK	50	0	22.00	22.39	22.04	24.00
10	16QAM	1	0	22.18	22.59	22.32	24.00
10	16QAM	1	25	22.17	22.61	22.23	24.00
10	16QAM	1	49	22.14	22.55	22.25	24.00
10	16QAM	25	0	22.00	22.41	22.03	24.00
10	16QAM	25	12	22.01	22.33	22.01	24.00
10	16QAM	25	25	22.00	22.45	22.09	24.00
10	16QAM	50	0	22.01	22.26	22.04	24.00
10	64QAM	1	0	22.00	22.39	22.00	24.00
10	64QAM	1	25	22.00	22.45	22.15	24.00
10	64QAM	1	49	22.00	22.35	22.01	24.00
10	64QAM	25	0	21.00	21.35	21.02	23.00
10	64QAM	25	12	21.04	21.41	21.07	23.00
10	64QAM	25	25	21.04	21.38	21.13	23.00
10	64QAM	50	0	21.00	21.41	21.00	23.00
10	256QAM	1	0	19.00	19.28	19.05	21.00
10	256QAM	1	25	19.22	19.58	19.33	21.00
10	256QAM	1	49	19.00	19.36	19.08	21.00
10	256QAM	25	0	19.00	19.29	19.02	21.00
10	256QAM	25	12	19.01	19.29	19.03	21.00
10	256QAM	25	25	19.00	19.32	19.12	21.00
10	256QAM	50	0	19.01	19.34	19.00	21.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.32	22.60	22.32	24.00
5	QPSK	1	12	22.00	22.22	22.00	24.00
5	QPSK	1	24	22.00	22.42	22.03	24.00
5	QPSK	12	0	22.03	22.40	22.11	24.00
5	QPSK	12	7	22.00	22.46	22.10	24.00
5	QPSK	12	13	22.01	22.39	22.10	24.00
5	QPSK	25	0	22.00	22.40	22.04	24.00
5	16QAM	1	0	22.10	22.51	22.21	24.00
5	16QAM	1	12	22.19	22.54	22.26	24.00
5	16QAM	1	24	22.19	22.59	22.23	24.00
5	16QAM	12	0	22.01	22.31	22.02	24.00
5	16QAM	12	7	22.00	22.30	22.06	24.00
5	16QAM	12	13	22.01	22.42	22.06	24.00
5	16QAM	25	0	22.00	22.31	22.00	24.00
5	64QAM	1	0	22.01	22.43	22.02	24.00
5	64QAM	1	12	22.04	22.49	22.18	24.00



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5	64QAM	1	24	22.00	22.39	22.01	24.00
5	64QAM	12	0	21.01	21.26	21.01	23.00
5	64QAM	12	7	21.01	21.31	21.03	23.00
5	64QAM	12	13	21.05	21.33	21.15	23.00
5	64QAM	25	0	21.00	21.34	21.02	23.00
5	256QAM	1	0	19.01	19.29	19.00	21.00
5	256QAM	1	12	19.25	19.56	19.31	21.00
5	256QAM	1	24	19.00	19.33	19.06	21.00
5	256QAM	12	0	19.00	19.23	19.05	21.00
5	256QAM	12	7	19.00	19.32	19.00	21.00
5	256QAM	12	13	19.02	19.37	19.06	21.00
5	256QAM	25	0	19.01	19.39	19.01	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.32	22.66	22.32	24.00
3	QPSK	1	8	22.02	22.27	22.00	24.00
3	QPSK	1	14	22.00	22.32	22.06	24.00
3	QPSK	8	0	22.03	22.48	22.00	24.00
3	QPSK	8	4	22.00	22.36	22.09	24.00
3	QPSK	8	7	22.01	22.46	22.09	24.00
3	QPSK	15	0	22.02	22.32	22.00	24.00
3	16QAM	1	0	22.15	22.59	22.31	24.00
3	16QAM	1	8	22.27	22.66	22.31	24.00
3	16QAM	1	14	22.13	22.56	22.14	24.00
3	16QAM	8	0	22.01	22.35	22.00	24.00
3	16QAM	8	4	22.00	22.33	22.06	24.00
3	16QAM	8	7	22.00	22.43	22.05	24.00
3	16QAM	15	0	22.01	22.22	22.01	24.00
3	64QAM	1	0	22.00	22.46	22.02	24.00
3	64QAM	1	8	22.03	22.48	22.16	24.00
3	64QAM	1	14	22.01	22.33	22.08	24.00
3	64QAM	8	0	21.00	21.29	21.01	23.00
3	64QAM	8	4	21.03	21.38	21.00	23.00
3	64QAM	8	7	21.00	21.37	21.05	23.00
3	64QAM	15	0	21.00	21.40	21.01	23.00
3	256QAM	1	0	19.00	19.26	19.00	21.00
3	256QAM	1	8	19.28	19.55	19.29	21.00
3	256QAM	1	14	19.01	19.36	19.12	21.00
3	256QAM	8	0	19.00	19.26	19.00	21.00
3	256QAM	8	4	19.00	19.33	19.00	21.00
3	256QAM	8	7	19.04	19.42	19.06	21.00
3	256QAM	15	0	19.01	19.35	19.10	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.55	22.31	24.00
1.4	QPSK	1	3	22.00	22.23	22.01	24.00
1.4	QPSK	1	5	22.00	22.43	22.04	24.00
1.4	QPSK	3	0	22.01	22.39	22.03	24.00
1.4	QPSK	3	1	22.00	22.46	22.01	24.00
1.4	QPSK	3	3	22.01	22.38	22.06	24.00
1.4	QPSK	6	0	21.99	22.40	22.08	23.00
1.4	16QAM	1	0	22.10	22.63	22.26	23.00
1.4	16QAM	1	3	22.26	22.58	22.33	23.00
1.4	16QAM	1	5	22.12	22.56	22.23	23.00
1.4	16QAM	3	0	21.86	22.39	21.96	23.00
1.4	16QAM	3	1	21.97	22.34	21.97	23.00
1.4	16QAM	3	3	21.98	22.35	22.05	23.00
1.4	16QAM	6	0	21.96	21.99	21.95	22.00
1.4	64QAM	1	0	21.98	22.00	22.00	22.00
1.4	64QAM	1	3	22.00	21.98	21.99	22.00
1.4	64QAM	1	5	21.88	21.99	22.00	22.00
1.4	64QAM	3	0	20.85	21.25	20.91	22.00
1.4	64QAM	3	1	21.01	21.29	21.09	22.00
1.4	64QAM	3	3	21.10	21.39	21.05	22.00
1.4	64QAM	6	0	20.87	21.00	20.96	21.00
1.4	256QAM	1	0	18.92	18.99	18.97	19.00
1.4	256QAM	1	3	19.00	19.00	19.00	19.00
1.4	256QAM	1	5	18.96	19.00	19.00	19.00
1.4	256QAM	3	0	18.90	19.00	18.98	19.00
1.4	256QAM	3	1	18.91	19.00	18.98	19.00
1.4	256QAM	3	3	18.96	19.00	18.99	19.00
1.4	256QAM	6	0	19.00	18.99	19.00	19.00

**【LTE Band 71_Ant 0_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00



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10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

【LTE Band 71_Ant 0_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00



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20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00
10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00



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5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

【LTE Band 71_Ant 0_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00



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15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00
10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

**[LTE Band 71_Ant 0_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00
10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00



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10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

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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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00



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20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00
10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00



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5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

[LTE Band 71_Ant 0_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00



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15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00
10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

**[LTE Band 71_Ant 0_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.38	22.65	22.35	24.00
20	QPSK	1	49	22.25	22.54	22.20	24.00
20	QPSK	1	99	22.25	22.53	22.10	24.00
20	QPSK	50	0	22.15	22.54	22.22	24.00
20	QPSK	50	24	22.20	22.50	22.08	24.00
20	QPSK	50	50	22.13	22.51	22.13	24.00
20	QPSK	100	0	22.19	22.53	22.22	24.00
20	16QAM	1	0	22.25	22.63	22.28	24.00
20	16QAM	1	49	22.27	22.55	22.11	24.00
20	16QAM	1	99	22.31	22.62	22.28	24.00
20	16QAM	50	0	22.00	22.26	22.00	24.00
20	16QAM	50	24	22.00	22.35	22.00	24.00
20	16QAM	50	50	22.02	22.34	22.00	24.00
20	16QAM	100	0	22.01	22.24	22.00	24.00
20	64QAM	1	0	22.00	22.17	22.00	24.00
20	64QAM	1	49	22.11	22.41	22.02	24.00
20	64QAM	1	99	22.05	22.39	22.03	24.00
20	64QAM	50	0	21.00	21.21	21.02	23.00
20	64QAM	50	24	21.02	21.28	21.00	23.00
20	64QAM	50	50	21.01	21.26	21.01	23.00
20	64QAM	100	0	21.00	21.20	21.00	23.00
20	256QAM	1	0	19.00	19.15	19.01	21.00
20	256QAM	1	49	19.02	19.31	19.00	21.00
20	256QAM	1	99	19.20	19.45	19.11	21.00
20	256QAM	50	0	19.00	19.25	19.01	21.00
20	256QAM	50	24	19.00	19.21	19.00	21.00
20	256QAM	50	50	19.04	19.30	19.01	21.00
20	256QAM	100	0	19.01	19.26	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.30	22.64	22.26	24.00
15	QPSK	1	37	22.19	22.44	22.19	24.00
15	QPSK	1	74	22.20	22.42	22.02	24.00
15	QPSK	36	0	22.10	22.47	22.14	24.00
15	QPSK	36	20	22.12	22.35	22.01	24.00
15	QPSK	36	39	22.06	22.47	22.07	24.00
15	QPSK	75	0	22.15	22.46	22.08	24.00
15	16QAM	1	0	22.24	22.61	22.16	24.00
15	16QAM	1	37	22.16	22.45	22.07	24.00
15	16QAM	1	74	22.29	22.59	22.15	24.00
15	16QAM	36	0	22.01	22.17	22.00	24.00
15	16QAM	36	20	22.02	22.27	22.00	24.00
15	16QAM	36	39	22.01	22.31	22.01	24.00
15	16QAM	75	0	22.02	22.21	22.01	24.00
15	64QAM	1	0	22.01	22.08	22.00	24.00
15	64QAM	1	37	22.05	22.30	22.01	24.00
15	64QAM	1	74	22.01	22.27	22.01	24.00
15	64QAM	36	0	21.02	21.11	21.02	23.00
15	64QAM	36	20	21.01	21.14	21.02	23.00
15	64QAM	36	39	21.01	21.17	21.00	23.00
15	64QAM	75	0	21.01	21.11	21.01	23.00
15	256QAM	1	0	19.00	19.12	19.00	21.00
15	256QAM	1	37	19.00	19.18	19.00	21.00
15	256QAM	1	74	19.05	19.33	19.01	21.00
15	256QAM	36	0	19.00	19.19	19.00	21.00
15	256QAM	36	20	19.01	19.20	19.01	21.00
15	256QAM	36	39	19.02	19.20	19.02	21.00
15	256QAM	75	0	19.01	19.20	19.00	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.34	22.58	22.32	24.00
10	QPSK	1	25	22.18	22.41	22.19	24.00
10	QPSK	1	49	22.18	22.47	22.00	24.00
10	QPSK	25	0	22.12	22.52	22.13	24.00
10	QPSK	25	12	22.17	22.41	22.01	24.00
10	QPSK	25	25	22.03	22.43	22.09	24.00
10	QPSK	50	0	22.10	22.52	22.16	24.00
10	16QAM	1	0	22.17	22.61	22.19	24.00
10	16QAM	1	25	22.19	22.48	22.01	24.00
10	16QAM	1	49	22.25	22.50	22.17	24.00



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10	16QAM	25	0	22.01	22.17	22.02	24.00
10	16QAM	25	12	22.00	22.27	22.01	24.00
10	16QAM	25	25	22.01	22.23	22.01	24.00
10	16QAM	50	0	22.01	22.16	22.00	24.00
10	64QAM	1	0	22.00	22.11	22.01	24.00
10	64QAM	1	25	22.01	22.34	22.01	24.00
10	64QAM	1	49	22.00	22.29	22.00	24.00
10	64QAM	25	0	21.00	21.09	21.00	23.00
10	64QAM	25	12	21.00	21.17	21.01	23.00
10	64QAM	25	25	21.01	21.13	21.00	23.00
10	64QAM	50	0	21.00	21.11	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.02	21.00
10	256QAM	1	25	19.01	19.25	19.00	21.00
10	256QAM	1	49	19.09	19.40	19.04	21.00
10	256QAM	25	0	19.02	19.11	19.00	21.00
10	256QAM	25	12	19.01	19.10	19.01	21.00
10	256QAM	25	25	19.00	19.18	19.02	21.00
10	256QAM	50	0	19.00	19.21	19.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.27	22.58	22.29	24.00
5	QPSK	1	12	22.11	22.41	22.17	24.00
5	QPSK	1	24	22.18	22.43	22.00	24.00
5	QPSK	12	0	22.11	22.43	22.08	24.00
5	QPSK	12	7	22.10	22.48	22.01	24.00
5	QPSK	12	13	22.01	22.43	22.00	24.00
5	QPSK	25	0	22.15	22.48	22.12	24.00
5	16QAM	1	0	22.15	22.60	22.22	24.00
5	16QAM	1	12	22.19	22.54	22.06	24.00
5	16QAM	1	24	22.21	22.52	22.23	24.00
5	16QAM	12	0	22.01	22.20	22.00	24.00
5	16QAM	12	7	22.00	22.33	22.00	24.00
5	16QAM	12	13	22.01	22.23	22.00	24.00
5	16QAM	25	0	22.00	22.10	22.01	24.00
5	64QAM	1	0	22.00	22.07	22.01	24.00
5	64QAM	1	12	22.00	22.39	22.02	24.00
5	64QAM	1	24	22.00	22.31	22.01	24.00
5	64QAM	12	0	21.00	21.16	21.01	23.00
5	64QAM	12	7	21.01	21.18	21.00	23.00
5	64QAM	12	13	21.02	21.22	21.01	23.00
5	64QAM	25	0	21.00	21.18	21.02	23.00
5	256QAM	1	0	19.01	19.09	19.00	21.00
5	256QAM	1	12	19.00	19.29	19.00	21.00
5	256QAM	1	24	19.12	19.42	19.01	21.00
5	256QAM	12	0	19.01	19.17	19.00	21.00
5	256QAM	12	7	19.01	19.18	19.00	21.00
5	256QAM	12	13	19.02	19.26	19.00	21.00
5	256QAM	25	0	19.00	19.20	19.00	21.00

【LTE Band 71_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.02	22.29	22.20	24.00
20	QPSK	1	49	22.01	22.17	22.01	24.00
20	QPSK	1	99	22.02	22.12	22.01	24.00
20	QPSK	50	0	22.00	22.26	22.06	24.00
20	QPSK	50	24	22.01	22.13	22.00	24.00
20	QPSK	50	50	22.01	22.25	22.04	24.00
20	QPSK	100	0	22.01	22.20	22.04	24.00
20	16QAM	1	0	22.00	22.28	22.09	24.00
20	16QAM	1	49	22.02	22.27	22.16	24.00
20	16QAM	1	99	22.02	22.24	22.10	24.00
20	16QAM	50	0	22.00	22.13	22.02	24.00
20	16QAM	50	24	22.00	22.06	22.01	24.00
20	16QAM	50	50	22.00	22.23	22.12	24.00
20	16QAM	100	0	22.01	22.22	22.07	24.00
20	64QAM	1	0	22.02	22.15	22.01	24.00
20	64QAM	1	49	22.00	22.07	22.00	24.00
20	64QAM	1	99	22.00	22.15	22.04	24.00
20	64QAM	50	0	21.02	21.12	21.02	23.00
20	64QAM	50	24	21.00	21.09	21.02	23.00



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20	64QAM	50	50	21.00	21.19	21.02	23.00
20	64QAM	100	0	21.02	21.25	21.10	23.00
20	256QAM	1	0	19.00	19.17	19.00	21.00
20	256QAM	1	49	19.02	19.09	19.00	21.00
20	256QAM	1	99	19.02	19.27	19.16	21.00
20	256QAM	50	0	19.02	19.15	19.01	21.00
20	256QAM	50	24	19.01	19.13	19.03	21.00
20	256QAM	50	50	19.00	19.20	19.00	21.00
20	256QAM	100	0	19.02	19.17	19.01	21.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	22.00	22.22	22.16	24.00
15	QPSK	1	37	22.01	22.10	22.01	24.00
15	QPSK	1	74	22.00	22.00	22.00	24.00
15	QPSK	36	0	22.00	22.15	22.02	24.00
15	QPSK	36	20	22.00	22.00	22.02	24.00
15	QPSK	36	39	22.01	22.23	22.00	24.00
15	QPSK	75	0	22.02	22.13	22.02	24.00
15	16QAM	1	0	22.00	22.16	22.00	24.00
15	16QAM	1	37	22.00	22.16	22.12	24.00
15	16QAM	1	74	22.00	22.18	22.00	24.00
15	16QAM	36	0	22.00	22.02	22.00	24.00
15	16QAM	36	20	22.00	22.03	22.02	24.00
15	16QAM	36	39	22.01	22.21	22.11	24.00
15	16QAM	75	0	22.00	22.12	22.00	24.00
15	64QAM	1	0	22.00	22.14	22.00	24.00
15	64QAM	1	37	22.01	22.01	22.00	24.00
15	64QAM	1	74	22.02	22.00	22.00	24.00
15	64QAM	36	0	21.01	21.03	21.00	23.00
15	64QAM	36	20	21.01	21.00	21.01	23.00
15	64QAM	36	39	21.00	21.11	21.00	23.00
15	64QAM	75	0	21.00	21.11	21.04	23.00
15	256QAM	1	0	19.00	19.02	19.00	21.00
15	256QAM	1	37	19.00	19.05	19.00	21.00
15	256QAM	1	74	19.01	19.13	19.15	21.00
15	256QAM	36	0	19.01	19.11	19.00	21.00
15	256QAM	36	20	19.00	19.09	19.01	21.00
15	256QAM	36	39	19.01	19.08	19.01	21.00
15	256QAM	75	0	19.01	19.09	19.01	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.02	22.27	22.09	24.00
10	QPSK	1	25	22.00	22.11	22.00	24.00
10	QPSK	1	49	22.00	22.04	22.01	24.00
10	QPSK	25	0	22.00	22.24	22.02	24.00
10	QPSK	25	12	22.00	22.01	22.00	24.00
10	QPSK	25	25	22.00	22.20	22.01	24.00
10	QPSK	50	0	22.00	22.16	22.00	24.00
10	16QAM	1	0	22.01	22.16	22.01	24.00
10	16QAM	1	25	22.00	22.18	22.05	24.00
10	16QAM	1	49	22.00	22.22	22.00	24.00
10	16QAM	25	0	22.01	22.00	22.01	24.00
10	16QAM	25	12	22.00	22.00	22.00	24.00
10	16QAM	25	25	22.00	22.08	22.03	24.00
10	16QAM	50	0	22.00	22.11	22.02	24.00
10	64QAM	1	0	22.00	22.10	22.00	24.00
10	64QAM	1	25	22.02	22.00	22.01	24.00
10	64QAM	1	49	22.00	22.08	22.01	24.00
10	64QAM	25	0	21.00	21.02	21.00	23.00
10	64QAM	25	12	21.01	21.00	21.00	23.00
10	64QAM	25	25	21.01	21.15	21.00	23.00
10	64QAM	50	0	21.00	21.23	21.00	23.00
10	256QAM	1	0	19.00	19.06	19.00	21.00
10	256QAM	1	25	19.01	19.00	19.00	21.00
10	256QAM	1	49	19.01	19.12	19.14	21.00
10	256QAM	25	0	19.00	19.02	19.00	21.00
10	256QAM	25	12	19.00	19.10	19.00	21.00
10	256QAM	25	25	19.01	19.12	19.02	21.00
10	256QAM	50	0	19.01	19.15	19.01	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.01	22.18	22.05	24.00
5	QPSK	1	12	22.00	22.06	22.01	24.00
5	QPSK	1	24	22.01	22.02	22.01	24.00
5	QPSK	12	0	22.00	22.19	22.02	24.00
5	QPSK	12	7	22.01	22.07	22.01	24.00
5	QPSK	12	13	22.01	22.16	22.01	24.00
5	QPSK	25	0	22.01	22.14	22.00	24.00



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5	16QAM	1	0	22.02	22.18	22.00	24.00
5	16QAM	1	12	22.00	22.25	22.07	24.00
5	16QAM	1	24	22.00	22.09	22.03	24.00
5	16QAM	12	0	22.00	22.04	22.00	24.00
5	16QAM	12	7	22.01	22.00	22.02	24.00
5	16QAM	12	13	22.00	22.15	22.10	24.00
5	16QAM	25	0	22.01	22.09	22.02	24.00
5	64QAM	1	0	22.00	22.11	22.00	24.00
5	64QAM	1	12	22.01	22.00	22.00	24.00
5	64QAM	1	24	22.01	22.06	22.00	24.00
5	64QAM	12	0	21.01	21.01	21.00	23.00
5	64QAM	12	7	21.01	21.07	21.02	23.00
5	64QAM	12	13	21.00	21.08	21.00	23.00
5	64QAM	25	0	21.00	21.15	21.00	23.00
5	256QAM	1	0	19.00	19.16	19.00	21.00
5	256QAM	1	12	19.02	19.01	19.01	21.00
5	256QAM	1	24	19.01	19.12	19.02	21.00
5	256QAM	12	0	19.01	19.02	19.01	21.00
5	256QAM	12	7	19.00	19.04	19.00	21.00
5	256QAM	12	13	19.01	19.06	19.01	21.00
5	256QAM	25	0	19.00	19.03	19.00	21.00

【LTE Band 71_Ant 1_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.02	22.29	22.20	24.00
20	QPSK	1	49	22.01	22.17	22.01	24.00
20	QPSK	1	99	22.02	22.12	22.01	24.00
20	QPSK	50	0	22.00	22.26	22.06	24.00
20	QPSK	50	24	22.01	22.13	22.00	24.00
20	QPSK	50	50	22.01	22.25	22.04	24.00
20	QPSK	100	0	22.01	22.20	22.04	24.00
20	16QAM	1	0	22.00	22.28	22.09	24.00
20	16QAM	1	49	22.02	22.27	22.16	24.00
20	16QAM	1	99	22.02	22.24	22.10	24.00
20	16QAM	50	0	22.00	22.13	22.02	24.00
20	16QAM	50	24	22.00	22.06	22.01	24.00
20	16QAM	50	50	22.00	22.23	22.12	24.00
20	16QAM	100	0	22.01	22.22	22.07	24.00
20	64QAM	1	0	22.02	22.15	22.01	24.00
20	64QAM	1	49	22.00	22.07	22.00	24.00
20	64QAM	1	99	22.00	22.15	22.04	24.00
20	64QAM	50	0	21.02	21.12	21.02	23.00
20	64QAM	50	24	21.00	21.09	21.02	23.00
20	64QAM	50	50	21.00	21.19	21.02	23.00
20	64QAM	100	0	21.02	21.25	21.10	23.00
20	256QAM	1	0	19.00	19.17	19.00	21.00
20	256QAM	1	49	19.02	19.09	19.00	21.00
20	256QAM	1	99	19.02	19.27	19.16	21.00
20	256QAM	50	0	19.02	19.15	19.01	21.00
20	256QAM	50	24	19.01	19.13	19.03	21.00
20	256QAM	50	50	19.00	19.20	19.00	21.00
20	256QAM	100	0	19.02	19.17	19.01	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.00	22.22	22.16	24.00
15	QPSK	1	37	22.01	22.10	22.01	24.00
15	QPSK	1	74	22.00	22.00	22.00	24.00
15	QPSK	36	0	22.00	22.15	22.02	24.00
15	QPSK	36	20	22.00	22.00	22.02	24.00
15	QPSK	36	39	22.01	22.23	22.00	24.00
15	QPSK	75	0	22.02	22.13	22.02	24.00
15	16QAM	1	0	22.00	22.16	22.00	24.00
15	16QAM	1	37	22.00	22.16	22.12	24.00
15	16QAM	1	74	22.00	22.18	22.00	24.00
15	16QAM	36	0	22.00	22.02	22.00	24.00
15	16QAM	36	20	22.00	22.03	22.02	24.00
15	16QAM	36	39	22.01	22.21	22.11	24.00
15	16QAM	75	0	22.00	22.12	22.00	24.00
15	64QAM	1	0	22.00	22.14	22.00	24.00
15	64QAM	1	37	22.01	22.01	22.00	24.00