



【LTE Band 13_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.39		24.00
10	QPSK	1	25		22.28		24.00
10	QPSK	1	49		22.26		24.00
10	QPSK	25	0		21.39		23.00
10	QPSK	25	12		21.27		23.00
10	QPSK	25	25		21.33		23.00
10	QPSK	50	0		21.31		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.57		23.00
10	16QAM	1	49		21.56		23.00
10	16QAM	25	0		20.31		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.30		22.00
10	16QAM	50	0		20.28		22.00
10	64QAM	1	0		20.52		22.00
10	64QAM	1	25		20.51		22.00
10	64QAM	1	49		20.44		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.27		21.00
10	64QAM	25	25		19.26		21.00
10	64QAM	50	0		19.29		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.46		19.00
10	256QAM	1	49		17.38		19.00
10	256QAM	25	0		17.31		19.00
10	256QAM	25	12		17.28		19.00
10	256QAM	25	25		17.29		19.00
10	256QAM	50	0		17.32		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.28	22.37	22.21	24.00
5	QPSK	1	12	22.11	22.25	22.07	24.00
5	QPSK	1	24	22.00	22.11	22.01	24.00
5	QPSK	12	0	21.03	21.22	21.00	23.00
5	QPSK	12	7	21.06	21.21	21.00	23.00
5	QPSK	12	13	21.02	21.12	21.01	23.00
5	QPSK	25	0	21.16	21.31	21.10	23.00
5	16QAM	1	0	21.43	21.64	21.42	23.00
5	16QAM	1	12	21.25	21.38	21.16	23.00
5	16QAM	1	24	21.36	21.50	21.29	23.00
5	16QAM	12	0	20.03	20.20	20.03	22.00
5	16QAM	12	7	20.18	20.31	20.10	22.00
5	16QAM	12	13	20.08	20.27	20.00	22.00
5	16QAM	25	0	20.07	20.26	20.10	22.00
5	64QAM	1	0	20.24	20.47	20.19	22.00
5	64QAM	1	12	20.18	20.39	20.17	22.00
5	64QAM	1	24	20.21	20.44	20.26	22.00
5	64QAM	12	0	19.00	19.16	19.00	21.00
5	64QAM	12	7	19.00	19.10	19.00	21.00
5	64QAM	12	13	19.01	19.05	19.00	21.00
5	64QAM	25	0	19.11	19.26	19.02	21.00
5	256QAM	1	0	17.26	17.43	17.23	19.00
5	256QAM	1	12	17.33	17.47	17.21	19.00
5	256QAM	1	24	17.19	17.33	17.14	19.00
5	256QAM	12	0	17.16	17.29	17.11	19.00
5	256QAM	12	7	17.12	17.24	17.04	19.00
5	256QAM	12	13	17.00	17.13	17.00	19.00
5	256QAM	25	0	17.11	17.24	17.10	19.00



【LTE Band 13_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.39		24.00
10	QPSK	1	25		22.28		24.00
10	QPSK	1	49		22.26		24.00
10	QPSK	25	0		21.39		23.00
10	QPSK	25	12		21.27		23.00
10	QPSK	25	25		21.33		23.00
10	QPSK	50	0		21.31		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.57		23.00
10	16QAM	1	49		21.56		23.00
10	16QAM	25	0		20.31		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.30		22.00
10	16QAM	50	0		20.28		22.00
10	64QAM	1	0		20.52		22.00
10	64QAM	1	25		20.51		22.00
10	64QAM	1	49		20.44		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.27		21.00
10	64QAM	25	25		19.26		21.00
10	64QAM	50	0		19.29		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.46		19.00
10	256QAM	1	49		17.38		19.00
10	256QAM	25	0		17.31		19.00
10	256QAM	25	12		17.28		19.00
10	256QAM	25	25		17.29		19.00
10	256QAM	50	0		17.32		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.28	22.37	22.21	24.00
5	QPSK	1	12	22.11	22.25	22.07	24.00
5	QPSK	1	24	22.00	22.11	22.01	24.00
5	QPSK	12	0	21.03	21.22	21.00	23.00
5	QPSK	12	7	21.06	21.21	21.00	23.00
5	QPSK	12	13	21.02	21.12	21.01	23.00
5	QPSK	25	0	21.16	21.31	21.10	23.00
5	16QAM	1	0	21.43	21.64	21.42	23.00
5	16QAM	1	12	21.25	21.38	21.16	23.00
5	16QAM	1	24	21.36	21.50	21.29	23.00
5	16QAM	12	0	20.03	20.20	20.03	22.00
5	16QAM	12	7	20.18	20.31	20.10	22.00
5	16QAM	12	13	20.08	20.27	20.00	22.00
5	16QAM	25	0	20.07	20.26	20.10	22.00
5	64QAM	1	0	20.24	20.47	20.19	22.00
5	64QAM	1	12	20.18	20.39	20.17	22.00
5	64QAM	1	24	20.21	20.44	20.26	22.00
5	64QAM	12	0	19.00	19.16	19.00	21.00
5	64QAM	12	7	19.00	19.10	19.00	21.00
5	64QAM	12	13	19.01	19.05	19.00	21.00
5	64QAM	25	0	19.11	19.26	19.02	21.00
5	256QAM	1	0	17.26	17.43	17.23	19.00
5	256QAM	1	12	17.33	17.47	17.21	19.00
5	256QAM	1	24	17.19	17.33	17.14	19.00
5	256QAM	12	0	17.16	17.29	17.11	19.00
5	256QAM	12	7	17.12	17.24	17.04	19.00
5	256QAM	12	13	17.00	17.13	17.00	19.00
5	256QAM	25	0	17.11	17.24	17.10	19.00



【LTE Band 13_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.39		24.00
10	QPSK	1	25		22.28		24.00
10	QPSK	1	49		22.26		24.00
10	QPSK	25	0		21.39		23.00
10	QPSK	25	12		21.27		23.00
10	QPSK	25	25		21.33		23.00
10	QPSK	50	0		21.31		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.57		23.00
10	16QAM	1	49		21.56		23.00
10	16QAM	25	0		20.31		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.30		22.00
10	16QAM	50	0		20.28		22.00
10	64QAM	1	0		20.52		22.00
10	64QAM	1	25		20.51		22.00
10	64QAM	1	49		20.44		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.27		21.00
10	64QAM	25	25		19.26		21.00
10	64QAM	50	0		19.29		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.46		19.00
10	256QAM	1	49		17.38		19.00
10	256QAM	25	0		17.31		19.00
10	256QAM	25	12		17.28		19.00
10	256QAM	25	25		17.29		19.00
10	256QAM	50	0		17.32		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.28	22.37	22.21	24.00
5	QPSK	1	12	22.11	22.25	22.07	24.00
5	QPSK	1	24	22.00	22.11	22.01	24.00
5	QPSK	12	0	21.03	21.22	21.00	23.00
5	QPSK	12	7	21.06	21.21	21.00	23.00
5	QPSK	12	13	21.02	21.12	21.01	23.00
5	QPSK	25	0	21.16	21.31	21.10	23.00
5	16QAM	1	0	21.43	21.64	21.42	23.00
5	16QAM	1	12	21.25	21.38	21.16	23.00
5	16QAM	1	24	21.36	21.50	21.29	23.00
5	16QAM	12	0	20.03	20.20	20.03	22.00
5	16QAM	12	7	20.18	20.31	20.10	22.00
5	16QAM	12	13	20.08	20.27	20.00	22.00
5	16QAM	25	0	20.07	20.26	20.10	22.00
5	64QAM	1	0	20.24	20.47	20.19	22.00
5	64QAM	1	12	20.18	20.39	20.17	22.00
5	64QAM	1	24	20.21	20.44	20.26	22.00
5	64QAM	12	0	19.00	19.16	19.00	21.00
5	64QAM	12	7	19.00	19.10	19.00	21.00
5	64QAM	12	13	19.01	19.05	19.00	21.00
5	64QAM	25	0	19.11	19.26	19.02	21.00
5	256QAM	1	0	17.26	17.43	17.23	19.00
5	256QAM	1	12	17.33	17.47	17.21	19.00
5	256QAM	1	24	17.19	17.33	17.14	19.00
5	256QAM	12	0	17.16	17.29	17.11	19.00
5	256QAM	12	7	17.12	17.24	17.04	19.00
5	256QAM	12	13	17.00	17.13	17.00	19.00
5	256QAM	25	0	17.11	17.24	17.10	19.00



【LTE Band 13_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.39		24.00
10	QPSK	1	25		22.28		24.00
10	QPSK	1	49		22.26		24.00
10	QPSK	25	0		21.39		23.00
10	QPSK	25	12		21.27		23.00
10	QPSK	25	25		21.33		23.00
10	QPSK	50	0		21.31		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.57		23.00
10	16QAM	1	49		21.56		23.00
10	16QAM	25	0		20.31		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.30		22.00
10	16QAM	50	0		20.28		22.00
10	64QAM	1	0		20.52		22.00
10	64QAM	1	25		20.51		22.00
10	64QAM	1	49		20.44		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.27		21.00
10	64QAM	25	25		19.26		21.00
10	64QAM	50	0		19.29		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.46		19.00
10	256QAM	1	49		17.38		19.00
10	256QAM	25	0		17.31		19.00
10	256QAM	25	12		17.28		19.00
10	256QAM	25	25		17.29		19.00
10	256QAM	50	0		17.32		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.28	22.37	22.21	24.00
5	QPSK	1	12	22.11	22.25	22.07	24.00
5	QPSK	1	24	22.00	22.11	22.01	24.00
5	QPSK	12	0	21.03	21.22	21.00	23.00
5	QPSK	12	7	21.06	21.21	21.00	23.00
5	QPSK	12	13	21.02	21.12	21.01	23.00
5	QPSK	25	0	21.16	21.31	21.10	23.00
5	16QAM	1	0	21.43	21.64	21.42	23.00
5	16QAM	1	12	21.25	21.38	21.16	23.00
5	16QAM	1	24	21.36	21.50	21.29	23.00
5	16QAM	12	0	20.03	20.20	20.03	22.00
5	16QAM	12	7	20.18	20.31	20.10	22.00
5	16QAM	12	13	20.08	20.27	20.00	22.00
5	16QAM	25	0	20.07	20.26	20.10	22.00
5	64QAM	1	0	20.24	20.47	20.19	22.00
5	64QAM	1	12	20.18	20.39	20.17	22.00
5	64QAM	1	24	20.21	20.44	20.26	22.00
5	64QAM	12	0	19.00	19.16	19.00	21.00
5	64QAM	12	7	19.00	19.10	19.00	21.00
5	64QAM	12	13	19.01	19.05	19.00	21.00
5	64QAM	25	0	19.11	19.26	19.02	21.00
5	256QAM	1	0	17.26	17.43	17.23	19.00
5	256QAM	1	12	17.33	17.47	17.21	19.00
5	256QAM	1	24	17.19	17.33	17.14	19.00
5	256QAM	12	0	17.16	17.29	17.11	19.00
5	256QAM	12	7	17.12	17.24	17.04	19.00
5	256QAM	12	13	17.00	17.13	17.00	19.00
5	256QAM	25	0	17.11	17.24	17.10	19.00



【LTE Band 13_Ant 0_ECI 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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.39		24.00
10	QPSK	1	25		22.28		24.00
10	QPSK	1	49		22.26		24.00
10	QPSK	25	0		21.39		23.00
10	QPSK	25	12		21.27		23.00
10	QPSK	25	25		21.33		23.00
10	QPSK	50	0		21.31		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.57		23.00
10	16QAM	1	49		21.56		23.00
10	16QAM	25	0		20.31		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.30		22.00
10	16QAM	50	0		20.28		22.00
10	64QAM	1	0		20.52		22.00
10	64QAM	1	25		20.51		22.00
10	64QAM	1	49		20.44		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.27		21.00
10	64QAM	25	25		19.26		21.00
10	64QAM	50	0		19.29		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.46		19.00
10	256QAM	1	49		17.38		19.00
10	256QAM	25	0		17.31		19.00
10	256QAM	25	12		17.28		19.00
10	256QAM	25	25		17.29		19.00
10	256QAM	50	0		17.32		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.28	22.37	22.21	24.00
5	QPSK	1	12	22.11	22.25	22.07	24.00
5	QPSK	1	24	22.00	22.11	22.01	24.00
5	QPSK	12	0	21.03	21.22	21.00	23.00
5	QPSK	12	7	21.06	21.21	21.00	23.00
5	QPSK	12	13	21.02	21.12	21.01	23.00
5	QPSK	25	0	21.16	21.31	21.10	23.00
5	16QAM	1	0	21.43	21.64	21.42	23.00
5	16QAM	1	12	21.25	21.38	21.16	23.00
5	16QAM	1	24	21.36	21.50	21.29	23.00
5	16QAM	12	0	20.03	20.20	20.03	22.00
5	16QAM	12	7	20.18	20.31	20.10	22.00
5	16QAM	12	13	20.08	20.27	20.00	22.00
5	16QAM	25	0	20.07	20.26	20.10	22.00
5	64QAM	1	0	20.24	20.47	20.19	22.00
5	64QAM	1	12	20.18	20.39	20.17	22.00
5	64QAM	1	24	20.21	20.44	20.26	22.00
5	64QAM	12	0	19.00	19.16	19.00	21.00
5	64QAM	12	7	19.00	19.10	19.00	21.00
5	64QAM	12	13	19.01	19.05	19.00	21.00
5	64QAM	25	0	19.11	19.26	19.02	21.00
5	256QAM	1	0	17.26	17.43	17.23	19.00
5	256QAM	1	12	17.33	17.47	17.21	19.00
5	256QAM	1	24	17.19	17.33	17.14	19.00
5	256QAM	12	0	17.16	17.29	17.11	19.00
5	256QAM	12	7	17.12	17.24	17.04	19.00
5	256QAM	12	13	17.00	17.13	17.00	19.00
5	256QAM	25	0	17.11	17.24	17.10	19.00



【LTE Band 17_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				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00



【LTE Band 17_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00

**【LTE Band 17_Ant 0_ECI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00

**【LTE Band 17_Ant 0_ECI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00



【LTE Band 17_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00

**【LTE Band 17_Ant 0_ECI 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				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.46	22.59	22.42	24.00
10	QPSK	1	25	22.23	22.47	22.18	24.00
10	QPSK	1	49	22.25	22.46	22.20	24.00
10	QPSK	25	0	21.33	21.58	21.30	23.00
10	QPSK	25	12	21.30	21.51	21.28	23.00
10	QPSK	25	25	21.28	21.52	21.26	23.00
10	QPSK	50	0	21.28	21.45	21.20	23.00
10	16QAM	1	0	21.40	21.59	21.38	23.00
10	16QAM	1	25	21.48	21.74	21.46	23.00
10	16QAM	1	49	21.51	21.76	21.47	23.00
10	16QAM	25	0	20.20	20.34	20.11	22.00
10	16QAM	25	12	20.22	20.48	20.26	22.00
10	16QAM	25	25	20.30	20.47	20.23	22.00
10	16QAM	50	0	20.25	20.43	20.22	22.00
10	64QAM	1	0	20.39	20.53	20.27	22.00
10	64QAM	1	25	20.47	20.66	20.40	22.00
10	64QAM	1	49	20.49	20.62	20.34	22.00
10	64QAM	25	0	19.15	19.35	19.06	21.00
10	64QAM	25	12	19.35	19.47	19.28	21.00
10	64QAM	25	25	19.35	19.49	19.24	21.00
10	64QAM	50	0	19.32	19.46	19.22	21.00
10	256QAM	1	0	17.25	17.43	17.25	19.00
10	256QAM	1	25	17.44	17.56	17.29	19.00
10	256QAM	1	49	17.45	17.57	17.41	19.00
10	256QAM	25	0	17.28	17.39	17.24	19.00
10	256QAM	25	12	17.26	17.48	17.26	19.00
10	256QAM	25	25	17.33	17.50	17.30	19.00
10	256QAM	50	0	17.31	17.47	17.19	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.34	22.56	22.30	24.00
5	QPSK	1	12	22.10	22.46	22.06	24.00
5	QPSK	1	24	22.19	22.34	22.12	24.00
5	QPSK	12	0	21.30	21.46	21.16	23.00
5	QPSK	12	7	21.25	21.46	21.27	23.00
5	QPSK	12	13	21.23	21.42	21.14	23.00
5	QPSK	25	0	21.25	21.38	21.13	23.00
5	16QAM	1	0	21.38	21.56	21.33	23.00
5	16QAM	1	12	21.43	21.63	21.36	23.00
5	16QAM	1	24	21.49	21.62	21.45	23.00
5	16QAM	12	0	20.16	20.24	20.05	22.00
5	16QAM	12	7	20.14	20.33	20.23	22.00
5	16QAM	12	13	20.22	20.39	20.09	22.00
5	16QAM	25	0	20.22	20.40	20.16	22.00
5	64QAM	1	0	20.33	20.40	20.21	22.00
5	64QAM	1	12	20.45	20.57	20.26	22.00
5	64QAM	1	24	20.39	20.49	20.33	22.00
5	64QAM	12	0	19.10	19.29	19.01	21.00
5	64QAM	12	7	19.28	19.34	19.16	21.00
5	64QAM	12	13	19.28	19.42	19.15	21.00
5	64QAM	25	0	19.20	19.33	19.18	21.00
5	256QAM	1	0	17.18	17.29	17.10	19.00
5	256QAM	1	12	17.43	17.50	17.17	19.00
5	256QAM	1	24	17.35	17.47	17.39	19.00
5	256QAM	12	0	17.20	17.33	17.19	19.00
5	256QAM	12	7	17.13	17.41	17.19	19.00
5	256QAM	12	13	17.28	17.47	17.19	19.00
5	256QAM	25	0	17.24	17.33	17.10	19.00



【LTE Band 25_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				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.34	22.49	22.27	24.00
20	QPSK	1	49	22.13	22.38	22.06	24.00
20	QPSK	1	99	22.11	22.34	22.06	24.00
20	QPSK	50	0	21.10	21.33	21.00	23.00
20	QPSK	50	24	21.16	21.32	21.09	23.00
20	QPSK	50	50	21.15	21.33	21.00	23.00
20	QPSK	100	0	21.17	21.34	21.07	23.00
20	16QAM	1	0	21.33	21.54	21.24	23.00
20	16QAM	1	49	21.28	21.53	21.17	23.00
20	16QAM	1	99	21.38	21.58	21.29	23.00
20	16QAM	50	0	20.15	20.33	20.09	22.00
20	16QAM	50	24	20.07	20.31	20.06	22.00
20	16QAM	50	50	20.11	20.31	20.05	22.00
20	16QAM	100	0	20.05	20.32	20.09	22.00
20	64QAM	1	0	20.15	20.41	20.07	22.00
20	64QAM	1	49	20.28	20.47	20.21	22.00
20	64QAM	1	99	20.22	20.44	20.19	22.00
20	64QAM	50	0	19.16	19.33	19.02	21.00
20	64QAM	50	24	19.18	19.35	19.14	21.00
20	64QAM	50	50	19.16	19.34	19.01	21.00
20	64QAM	100	0	19.12	19.32	19.01	21.00
20	256QAM	1	0	17.24	17.42	17.21	19.00
20	256QAM	1	49	17.26	17.45	17.15	19.00
20	256QAM	1	99	17.24	17.39	17.19	19.00
20	256QAM	50	0	17.05	17.31	17.12	19.00
20	256QAM	50	24	17.14	17.33	17.11	19.00
20	256QAM	50	50	17.19	17.32	17.10	19.00
20	256QAM	100	0	17.17	17.31	17.08	19.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.30	22.43	22.25	24.00
15	QPSK	1	37	22.07	22.24	22.01	24.00
15	QPSK	1	74	22.09	22.31	22.04	24.00
15	QPSK	36	0	21.07	21.22	21.00	23.00
15	QPSK	36	20	21.02	21.21	21.00	23.00
15	QPSK	36	39	21.05	21.24	21.00	23.00
15	QPSK	75	0	21.05	21.32	21.00	23.00
15	16QAM	1	0	21.25	21.46	21.23	23.00
15	16QAM	1	37	21.17	21.52	21.13	23.00
15	16QAM	1	74	21.30	21.53	21.15	23.00
15	16QAM	36	0	20.10	20.23	20.00	22.00
15	16QAM	36	20	20.01	20.20	20.00	22.00
15	16QAM	36	39	20.00	20.28	20.00	22.00
15	16QAM	75	0	20.02	20.23	20.01	22.00
15	64QAM	1	0	20.13	20.36	20.00	22.00
15	64QAM	1	37	20.15	20.33	20.18	22.00
15	64QAM	1	74	20.10	20.41	20.14	22.00
15	64QAM	36	0	19.11	19.27	19.00	21.00
15	64QAM	36	20	19.09	19.24	19.10	21.00
15	64QAM	36	39	19.08	19.29	19.01	21.00
15	64QAM	75	0	19.04	19.29	19.01	21.00
15	256QAM	1	0	17.12	17.28	17.16	19.00
15	256QAM	1	37	17.17	17.31	17.05	19.00
15	256QAM	1	74	17.18	17.32	17.07	19.00
15	256QAM	36	0	17.00	17.27	17.00	19.00
15	256QAM	36	20	17.12	17.25	17.01	19.00
15	256QAM	36	39	17.11	17.27	17.08	19.00
15	256QAM	75	0	17.13	17.19	17.00	19.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.30	22.38	22.24	24.00
10	QPSK	1	25	22.03	22.36	22.04	24.00
10	QPSK	1	49	22.08	22.29	22.01	24.00
10	QPSK	25	0	21.03	21.27	21.02	23.00
10	QPSK	25	12	21.04	21.30	21.01	23.00
10	QPSK	25	25	21.03	21.23	21.00	23.00
10	QPSK	50	0	21.08	21.28	21.05	23.00
10	16QAM	1	0	21.20	21.50	21.23	23.00
10	16QAM	1	25	21.25	21.45	21.03	23.00
10	16QAM	1	49	21.27	21.49	21.21	23.00



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10	16QAM	25	0	20.04	20.29	20.06	22.00
10	16QAM	25	12	20.00	20.21	20.00	22.00
10	16QAM	25	25	20.10	20.28	20.02	22.00
10	16QAM	50	0	20.03	20.27	20.05	22.00
10	64QAM	1	0	20.13	20.38	20.01	22.00
10	64QAM	1	25	20.21	20.37	20.13	22.00
10	64QAM	1	49	20.07	20.32	20.06	22.00
10	64QAM	25	0	19.07	19.18	19.01	21.00
10	64QAM	25	12	19.07	19.33	19.06	21.00
10	64QAM	25	25	19.03	19.26	19.01	21.00
10	64QAM	50	0	19.06	19.27	19.01	21.00
10	256QAM	1	0	17.17	17.41	17.11	19.00
10	256QAM	1	25	17.21	17.30	17.13	19.00
10	256QAM	1	49	17.17	17.35	17.14	19.00
10	256QAM	25	0	17.02	17.26	17.09	19.00
10	256QAM	25	12	17.10	17.22	17.01	19.00
10	256QAM	25	25	17.08	17.30	17.04	19.00
10	256QAM	50	0	17.12	17.29	17.00	19.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	22.23	22.35	22.16	24.00
5	QPSK	1	12	22.08	22.33	22.00	24.00
5	QPSK	1	24	22.05	22.20	22.02	24.00
5	QPSK	12	0	21.06	21.24	21.00	23.00
5	QPSK	12	7	21.14	21.29	21.00	23.00
5	QPSK	12	13	21.09	21.23	21.01	23.00
5	QPSK	25	0	21.07	21.21	21.03	23.00
5	16QAM	1	0	21.31	21.45	21.14	23.00
5	16QAM	1	12	21.24	21.51	21.04	23.00
5	16QAM	1	24	21.35	21.50	21.21	23.00
5	16QAM	12	0	20.13	20.23	20.00	22.00
5	16QAM	12	7	20.01	20.18	20.00	22.00
5	16QAM	12	13	20.09	20.29	20.00	22.00
5	16QAM	25	0	20.01	20.23	20.00	22.00
5	64QAM	1	0	20.10	20.39	20.00	22.00
5	64QAM	1	12	20.24	20.33	20.10	22.00
5	64QAM	1	24	20.10	20.32	20.09	22.00
5	64QAM	12	0	19.15	19.18	19.00	21.00
5	64QAM	12	7	19.07	19.25	19.02	21.00
5	64QAM	12	13	19.07	19.23	19.01	21.00
5	64QAM	25	0	19.01	19.18	19.00	21.00
5	256QAM	1	0	17.21	17.36	17.13	19.00
5	256QAM	1	12	17.20	17.40	17.06	19.00
5	256QAM	1	24	17.19	17.29	17.05	19.00
5	256QAM	12	0	17.00	17.28	17.01	19.00
5	256QAM	12	7	17.02	17.29	17.03	19.00
5	256QAM	12	13	17.17	17.23	17.04	19.00
5	256QAM	25	0	17.08	17.26	17.00	19.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.31	22.27	22.24	24.00
3	QPSK	1	8	22.07	22.30	22.02	24.00
3	QPSK	1	14	22.00	22.25	22.00	24.00
3	QPSK	8	0	21.04	21.29	21.00	23.00
3	QPSK	8	4	21.03	21.21	21.07	23.00
3	QPSK	8	7	21.06	21.31	21.02	23.00
3	QPSK	15	0	21.07	21.32	21.01	23.00
3	16QAM	1	0	21.22	21.46	21.12	23.00
3	16QAM	1	8	21.26	21.52	21.15	23.00
3	16QAM	1	14	21.25	21.56	21.17	23.00
3	16QAM	8	0	20.14	20.24	20.01	22.00
3	16QAM	8	4	20.01	20.23	20.03	22.00
3	16QAM	8	7	20.10	20.29	20.01	22.00
3	16QAM	15	0	20.00	20.21	20.01	22.00
3	64QAM	1	0	20.02	20.37	20.00	22.00
3	64QAM	1	8	20.20	20.35	20.09	22.00
3	64QAM	1	14	20.14	20.34	20.06	22.00
3	64QAM	8	0	19.13	19.27	19.01	21.00
3	64QAM	8	4	19.05	19.26	19.07	21.00
3	64QAM	8	7	19.15	19.27	19.00	21.00
3	64QAM	15	0	19.05	19.18	19.01	21.00
3	256QAM	1	0	17.22	17.28	17.18	19.00
3	256QAM	1	8	17.19	17.30	17.08	19.00
3	256QAM	1	14	17.18	17.32	17.09	19.00
3	256QAM	8	0	17.02	17.18	17.05	19.00
3	256QAM	8	4	17.07	17.27	17.10	19.00
3	256QAM	8	7	17.08	17.29	17.03	19.00
3	256QAM	15	0	17.09	17.24	17.00	19.00



Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	22.20	22.27	22.25	24.00
1.4	QPSK	1	3	22.10	22.24	22.01	24.00
1.4	QPSK	1	5	22.07	22.21	22.00	24.00
1.4	QPSK	3	0	22.00	22.31	22.00	24.00
1.4	QPSK	3	1	22.04	22.26	22.04	24.00
1.4	QPSK	3	3	22.04	22.32	22.00	24.00
1.4	QPSK	6	0	21.10	21.26	21.00	23.00
1.4	16QAM	1	0	21.27	21.51	21.22	23.00
1.4	16QAM	1	3	21.13	21.45	21.14	23.00
1.4	16QAM	1	5	21.30	21.45	21.20	23.00
1.4	16QAM	3	0	21.04	21.20	21.01	23.00
1.4	16QAM	3	1	21.00	21.29	21.00	23.00
1.4	16QAM	3	3	21.05	21.27	21.01	23.00
1.4	16QAM	6	0	20.03	20.20	20.01	22.00
1.4	64QAM	1	0	20.12	20.27	20.00	22.00
1.4	64QAM	1	3	20.25	20.41	20.13	22.00
1.4	64QAM	1	5	20.11	20.32	20.10	22.00
1.4	64QAM	3	0	20.06	20.24	20.01	22.00
1.4	64QAM	3	1	20.06	20.22	20.06	22.00
1.4	64QAM	3	3	20.02	20.23	20.00	22.00
1.4	64QAM	6	0	19.01	19.25	19.01	21.00
1.4	256QAM	1	0	17.20	17.38	17.19	19.00
1.4	256QAM	1	3	17.21	17.31	17.00	19.00
1.4	256QAM	1	5	17.09	17.29	17.13	19.00
1.4	256QAM	3	0	17.00	17.19	17.10	19.00
1.4	256QAM	3	1	17.12	17.29	17.08	19.00
1.4	256QAM	3	3	17.11	17.24	17.02	19.00
1.4	256QAM	6	0	17.02	17.27	17.00	19.00

【LTE Band 25_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.34	22.49	22.27	24.00
20	QPSK	1	49	22.13	22.38	22.06	24.00
20	QPSK	1	99	22.11	22.34	22.06	24.00
20	QPSK	50	0	21.10	21.33	21.00	23.00
20	QPSK	50	24	21.16	21.32	21.09	23.00
20	QPSK	50	50	21.15	21.33	21.00	23.00
20	QPSK	100	0	21.17	21.34	21.07	23.00
20	16QAM	1	0	21.33	21.54	21.24	23.00
20	16QAM	1	49	21.28	21.53	21.17	23.00
20	16QAM	1	99	21.38	21.58	21.29	23.00
20	16QAM	50	0	20.15	20.33	20.09	22.00
20	16QAM	50	24	20.07	20.31	20.06	22.00
20	16QAM	50	50	20.11	20.31	20.05	22.00
20	16QAM	100	0	20.05	20.32	20.09	22.00
20	64QAM	1	0	20.15	20.41	20.07	22.00
20	64QAM	1	49	20.28	20.47	20.21	22.00
20	64QAM	1	99	20.22	20.44	20.19	22.00
20	64QAM	50	0	19.16	19.33	19.02	21.00
20	64QAM	50	24	19.18	19.35	19.14	21.00
20	64QAM	50	50	19.16	19.34	19.01	21.00
20	64QAM	100	0	19.12	19.32	19.01	21.00
20	256QAM	1	0	17.24	17.42	17.21	19.00
20	256QAM	1	49	17.26	17.45	17.15	19.00
20	256QAM	1	99	17.24	17.39	17.19	19.00
20	256QAM	50	0	17.05	17.31	17.12	19.00
20	256QAM	50	24	17.14	17.33	17.11	19.00
20	256QAM	50	50	17.19	17.32	17.10	19.00
20	256QAM	100	0	17.17	17.31	17.08	19.00
Channel				26115	26340	26615	Tune-up limit
Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	22.30	22.43	22.25	24.00
15	QPSK	1	37	22.07	22.24	22.01	24.00
15	QPSK	1	74	22.09	22.31	22.04	24.00
15	QPSK	36	0	21.07	21.22	21.00	23.00
15	QPSK	36	20	21.02	21.21	21.00	23.00
15	QPSK	36	39	21.05	21.24	21.00	23.00



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15	QPSK	75	0	21.05	21.32	21.00	23.00
15	16QAM	1	0	21.25	21.46	21.23	23.00
15	16QAM	1	37	21.17	21.52	21.13	23.00
15	16QAM	1	74	21.30	21.53	21.15	23.00
15	16QAM	36	0	20.10	20.23	20.00	22.00
15	16QAM	36	20	20.01	20.20	20.00	22.00
15	16QAM	36	39	20.00	20.28	20.00	22.00
15	16QAM	75	0	20.02	20.23	20.01	22.00
15	64QAM	1	0	20.13	20.36	20.00	22.00
15	64QAM	1	37	20.15	20.33	20.18	22.00
15	64QAM	1	74	20.10	20.41	20.14	22.00
15	64QAM	36	0	19.11	19.27	19.00	21.00
15	64QAM	36	20	19.09	19.24	19.10	21.00
15	64QAM	36	39	19.08	19.29	19.01	21.00
15	64QAM	75	0	19.04	19.29	19.01	21.00
15	256QAM	1	0	17.12	17.28	17.16	19.00
15	256QAM	1	37	17.17	17.31	17.05	19.00
15	256QAM	1	74	17.18	17.32	17.07	19.00
15	256QAM	36	0	17.00	17.27	17.00	19.00
15	256QAM	36	20	17.12	17.25	17.01	19.00
15	256QAM	36	39	17.11	17.27	17.08	19.00
15	256QAM	75	0	17.13	17.19	17.00	19.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	22.30	22.38	22.24	24.00
10	QPSK	1	25	22.03	22.36	22.04	24.00
10	QPSK	1	49	22.08	22.29	22.01	24.00
10	QPSK	25	0	21.03	21.27	21.02	23.00
10	QPSK	25	12	21.04	21.30	21.01	23.00
10	QPSK	25	25	21.03	21.23	21.00	23.00
10	QPSK	50	0	21.08	21.28	21.05	23.00
10	16QAM	1	0	21.20	21.50	21.23	23.00
10	16QAM	1	25	21.25	21.45	21.03	23.00
10	16QAM	1	49	21.27	21.49	21.21	23.00
10	16QAM	25	0	20.04	20.29	20.06	22.00
10	16QAM	25	12	20.00	20.21	20.00	22.00
10	16QAM	25	25	20.10	20.28	20.02	22.00
10	16QAM	50	0	20.03	20.27	20.05	22.00
10	64QAM	1	0	20.13	20.38	20.01	22.00
10	64QAM	1	25	20.21	20.37	20.13	22.00
10	64QAM	1	49	20.07	20.32	20.06	22.00
10	64QAM	25	0	19.07	19.18	19.01	21.00
10	64QAM	25	12	19.07	19.33	19.06	21.00
10	64QAM	25	25	19.03	19.26	19.01	21.00
10	64QAM	50	0	19.06	19.27	19.01	21.00
10	256QAM	1	0	17.17	17.41	17.11	19.00
10	256QAM	1	25	17.21	17.30	17.13	19.00
10	256QAM	1	49	17.17	17.35	17.14	19.00
10	256QAM	25	0	17.02	17.26	17.09	19.00
10	256QAM	25	12	17.10	17.22	17.01	19.00
10	256QAM	25	25	17.08	17.30	17.04	19.00
10	256QAM	50	0	17.12	17.29	17.00	19.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	22.23	22.35	22.16	24.00
5	QPSK	1	12	22.08	22.33	22.00	24.00
5	QPSK	1	24	22.05	22.20	22.02	24.00
5	QPSK	12	0	21.06	21.24	21.00	23.00
5	QPSK	12	7	21.14	21.29	21.00	23.00
5	QPSK	12	13	21.09	21.23	21.01	23.00
5	QPSK	25	0	21.07	21.21	21.03	23.00
5	16QAM	1	0	21.31	21.45	21.14	23.00
5	16QAM	1	12	21.24	21.51	21.04	23.00
5	16QAM	1	24	21.35	21.50	21.21	23.00
5	16QAM	12	0	20.13	20.23	20.00	22.00
5	16QAM	12	7	20.01	20.18	20.00	22.00
5	16QAM	12	13	20.09	20.29	20.00	22.00
5	16QAM	25	0	20.01	20.23	20.00	22.00
5	64QAM	1	0	20.10	20.39	20.00	22.00
5	64QAM	1	12	20.24	20.33	20.10	22.00
5	64QAM	1	24	20.10	20.32	20.09	22.00
5	64QAM	12	0	19.15	19.18	19.00	21.00
5	64QAM	12	7	19.07	19.25	19.02	21.00
5	64QAM	12	13	19.07	19.23	19.01	21.00
5	64QAM	25	0	19.01	19.18	19.00	21.00
5	256QAM	1	0	17.21	17.36	17.13	19.00
5	256QAM	1	12	17.20	17.40	17.06	19.00
5	256QAM	1	24	17.19	17.29	17.05	19.00



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5	256QAM	12	0	17.00	17.28	17.01	19.00
5	256QAM	12	7	17.02	17.29	17.03	19.00
5	256QAM	12	13	17.17	17.23	17.04	19.00
5	256QAM	25	0	17.08	17.26	17.00	19.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.31	22.27	22.24	24.00
3	QPSK	1	8	22.07	22.30	22.02	24.00
3	QPSK	1	14	22.00	22.25	22.00	24.00
3	QPSK	8	0	21.04	21.29	21.00	23.00
3	QPSK	8	4	21.03	21.21	21.07	23.00
3	QPSK	8	7	21.06	21.31	21.02	23.00
3	QPSK	15	0	21.07	21.32	21.01	23.00
3	16QAM	1	0	21.22	21.46	21.12	23.00
3	16QAM	1	8	21.26	21.52	21.15	23.00
3	16QAM	1	14	21.25	21.56	21.17	23.00
3	16QAM	8	0	20.14	20.24	20.01	22.00
3	16QAM	8	4	20.01	20.23	20.03	22.00
3	16QAM	8	7	20.10	20.29	20.01	22.00
3	16QAM	15	0	20.00	20.21	20.01	22.00
3	64QAM	1	0	20.02	20.37	20.00	22.00
3	64QAM	1	8	20.20	20.35	20.09	22.00
3	64QAM	1	14	20.14	20.34	20.06	22.00
3	64QAM	8	0	19.13	19.27	19.01	21.00
3	64QAM	8	4	19.05	19.26	19.07	21.00
3	64QAM	8	7	19.15	19.27	19.00	21.00
3	64QAM	15	0	19.05	19.18	19.01	21.00
3	256QAM	1	0	17.22	17.28	17.18	19.00
3	256QAM	1	8	17.19	17.30	17.08	19.00
3	256QAM	1	14	17.18	17.32	17.09	19.00
3	256QAM	8	0	17.02	17.18	17.05	19.00
3	256QAM	8	4	17.07	17.27	17.10	19.00
3	256QAM	8	7	17.08	17.29	17.03	19.00
3	256QAM	15	0	17.09	17.24	17.00	19.00
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	22.20	22.27	22.25	24.00
1.4	QPSK	1	3	22.10	22.24	22.01	24.00
1.4	QPSK	1	5	22.07	22.21	22.00	24.00
1.4	QPSK	3	0	22.00	22.31	22.00	24.00
1.4	QPSK	3	1	22.04	22.26	22.04	24.00
1.4	QPSK	3	3	22.04	22.32	22.00	24.00
1.4	QPSK	6	0	21.10	21.26	21.00	23.00
1.4	16QAM	1	0	21.27	21.51	21.22	23.00
1.4	16QAM	1	3	21.13	21.45	21.14	23.00
1.4	16QAM	1	5	21.30	21.45	21.20	23.00
1.4	16QAM	3	0	21.04	21.20	21.01	23.00
1.4	16QAM	3	1	21.00	21.29	21.00	23.00
1.4	16QAM	3	3	21.05	21.27	21.01	23.00
1.4	16QAM	6	0	20.03	20.20	20.01	22.00
1.4	64QAM	1	0	20.12	20.27	20.00	22.00
1.4	64QAM	1	3	20.25	20.41	20.13	22.00
1.4	64QAM	1	5	20.11	20.32	20.10	22.00
1.4	64QAM	3	0	20.06	20.24	20.01	22.00
1.4	64QAM	3	1	20.06	20.22	20.06	22.00
1.4	64QAM	3	3	20.02	20.23	20.00	22.00
1.4	64QAM	6	0	19.01	19.25	19.01	21.00
1.4	256QAM	1	0	17.20	17.38	17.19	19.00
1.4	256QAM	1	3	17.21	17.31	17.00	19.00
1.4	256QAM	1	5	17.09	17.29	17.13	19.00
1.4	256QAM	3	0	17.00	17.19	17.10	19.00
1.4	256QAM	3	1	17.12	17.29	17.08	19.00
1.4	256QAM	3	3	17.11	17.24	17.02	19.00
1.4	256QAM	6	0	17.02	17.27	17.00	19.00

**【LTE Band 25_Ant 0_ECI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.11	17.15	17.14	18.00
20	QPSK	1	49	17.00	17.05	16.98	18.00
20	QPSK	1	99	16.98	17.02	16.99	18.00
20	QPSK	50	0	17.10	17.13	17.06	18.00
20	QPSK	50	24	17.06	17.03	16.96	18.00
20	QPSK	50	50	17.04	17.00	17.04	18.00
20	QPSK	100	0	16.98	17.03	16.97	18.00
20	16QAM	1	0	16.98	16.95	16.96	18.00
20	16QAM	1	49	17.06	17.03	17.02	18.00
20	16QAM	1	99	17.03	17.04	17.06	18.00
20	16QAM	50	0	16.95	17.03	17.05	18.00
20	16QAM	50	24	16.96	17.05	17.00	18.00
20	16QAM	50	50	17.01	16.99	17.06	18.00
20	16QAM	100	0	17.00	16.94	16.99	18.00
20	64QAM	1	0	17.04	16.96	16.98	18.00
20	64QAM	1	49	16.97	16.98	17.04	18.00
20	64QAM	1	99	17.04	16.96	17.03	18.00
20	64QAM	50	0	17.05	17.00	16.97	18.00
20	64QAM	50	24	17.03	16.99	17.03	18.00
20	64QAM	50	50	17.01	17.03	16.95	18.00
20	64QAM	100	0	16.99	16.99	16.97	18.00
20	256QAM	1	0	16.99	16.99	16.94	18.00
20	256QAM	1	49	17.01	17.02	17.00	18.00
20	256QAM	1	99	17.00	16.96	16.96	18.00
20	256QAM	50	0	17.01	16.95	17.01	18.00
20	256QAM	50	24	16.95	17.04	16.95	18.00
20	256QAM	50	50	17.03	17.05	16.95	18.00
20	256QAM	100	0	17.04	16.95	17.00	18.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.07	17.08	17.11	18.00
15	QPSK	1	37	16.86	16.98	16.97	18.00
15	QPSK	1	74	16.91	16.89	16.97	18.00
15	QPSK	36	0	16.97	17.04	16.96	18.00
15	QPSK	36	20	17.02	17.00	16.88	18.00
15	QPSK	36	39	16.92	16.96	16.91	18.00
15	QPSK	75	0	16.93	16.94	16.95	18.00
15	16QAM	1	0	16.95	16.85	16.89	18.00
15	16QAM	1	37	17.05	16.99	16.98	18.00
15	16QAM	1	74	16.94	16.97	17.04	18.00
15	16QAM	36	0	16.90	17.00	17.04	18.00
15	16QAM	36	20	16.83	16.94	16.86	18.00
15	16QAM	36	39	16.90	16.91	16.94	18.00
15	16QAM	75	0	16.99	16.84	16.84	18.00
15	64QAM	1	0	17.00	16.84	16.95	18.00
15	64QAM	1	37	16.92	16.86	16.89	18.00
15	64QAM	1	74	17.01	16.86	16.93	18.00
15	64QAM	36	0	16.97	16.88	16.85	18.00
15	64QAM	36	20	16.97	16.95	16.96	18.00
15	64QAM	36	39	16.93	16.95	16.88	18.00
15	64QAM	75	0	16.90	16.94	16.91	18.00
15	256QAM	1	0	16.94	16.84	16.86	18.00
15	256QAM	1	37	16.90	16.92	16.94	18.00
15	256QAM	1	74	16.85	16.92	16.93	18.00
15	256QAM	36	0	16.91	16.88	16.90	18.00
15	256QAM	36	20	16.82	17.01	16.93	18.00
15	256QAM	36	39	16.99	16.98	16.86	18.00
15	256QAM	75	0	16.91	16.84	16.95	18.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.02	17.11	17.06	18.00
10	QPSK	1	25	16.87	16.93	16.83	18.00
10	QPSK	1	49	16.88	16.90	16.96	18.00
10	QPSK	25	0	17.02	17.03	17.02	18.00
10	QPSK	25	12	16.93	16.99	16.93	18.00
10	QPSK	25	25	16.91	16.98	16.98	18.00
10	QPSK	50	0	16.93	16.91	16.85	18.00
10	16QAM	1	0	16.90	16.82	16.90	18.00
10	16QAM	1	25	16.94	16.93	16.91	18.00



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10	16QAM	1	49	16.92	17.03	16.98	18.00
10	16QAM	25	0	16.85	16.97	16.94	18.00
10	16QAM	25	12	16.94	16.95	16.96	18.00
10	16QAM	25	25	16.98	16.95	16.93	18.00
10	16QAM	50	0	16.93	16.86	16.90	18.00
10	64QAM	1	0	16.95	16.86	16.91	18.00
10	64QAM	1	25	16.94	16.86	16.97	18.00
10	64QAM	1	49	16.89	16.82	16.91	18.00
10	64QAM	25	0	16.94	16.95	16.86	18.00
10	64QAM	25	12	16.90	16.98	16.94	18.00
10	64QAM	25	25	16.89	16.95	16.88	18.00
10	64QAM	50	0	16.95	16.85	16.86	18.00
10	256QAM	1	0	16.95	16.96	16.92	18.00
10	256QAM	1	25	16.96	17.00	16.95	18.00
10	256QAM	1	49	16.96	16.89	16.83	18.00
10	256QAM	25	0	16.98	16.86	16.94	18.00
10	256QAM	25	12	16.94	16.94	16.92	18.00
10	256QAM	25	25	16.96	17.00	16.87	18.00
10	256QAM	50	0	16.96	16.92	16.94	18.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	16.98	17.11	17.05	18.00
5	QPSK	1	12	16.89	17.01	16.84	18.00
5	QPSK	1	24	16.85	16.88	16.86	18.00
5	QPSK	12	0	16.96	17.00	16.98	18.00
5	QPSK	12	7	17.01	16.97	16.89	18.00
5	QPSK	12	13	16.92	16.87	16.99	18.00
5	QPSK	25	0	16.89	16.90	16.83	18.00
5	16QAM	1	0	16.86	16.90	16.82	18.00
5	16QAM	1	12	16.96	16.91	16.94	18.00
5	16QAM	1	24	16.99	16.92	16.98	18.00
5	16QAM	12	0	16.84	17.00	16.96	18.00
5	16QAM	12	7	16.89	16.98	16.93	18.00
5	16QAM	12	13	16.96	16.91	16.99	18.00
5	16QAM	25	0	16.93	16.85	16.84	18.00
5	64QAM	1	0	16.99	16.83	16.85	18.00
5	64QAM	1	12	16.86	16.93	16.97	18.00
5	64QAM	1	24	16.97	16.87	16.91	18.00
5	64QAM	12	0	16.92	16.98	16.94	18.00
5	64QAM	12	7	16.96	16.87	16.95	18.00
5	64QAM	12	13	16.98	16.99	16.92	18.00
5	64QAM	25	0	16.96	16.90	16.89	18.00
5	256QAM	1	0	16.94	16.95	16.83	18.00
5	256QAM	1	12	16.93	16.99	16.98	18.00
5	256QAM	1	24	16.92	16.83	16.81	18.00
5	256QAM	12	0	16.96	16.85	16.95	18.00
5	256QAM	12	7	16.81	17.02	16.92	18.00
5	256QAM	12	13	16.94	16.97	16.94	18.00
5	256QAM	25	0	16.90	16.84	16.99	18.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	17.10	17.00	17.05	18.00
3	QPSK	1	8	16.87	16.91	16.90	18.00
3	QPSK	1	14	16.97	16.95	16.97	18.00
3	QPSK	8	0	17.00	17.09	17.00	18.00
3	QPSK	8	4	17.02	16.96	16.85	18.00
3	QPSK	8	7	16.97	16.89	16.93	18.00
3	QPSK	15	0	16.92	16.92	16.89	18.00
3	16QAM	1	0	16.91	16.93	16.90	18.00
3	16QAM	1	8	16.92	16.96	16.99	18.00
3	16QAM	1	14	16.95	17.02	17.00	18.00
3	16QAM	8	0	16.93	17.00	16.91	18.00
3	16QAM	8	4	16.90	17.03	16.93	18.00
3	16QAM	8	7	16.92	16.94	17.01	18.00
3	16QAM	15	0	16.98	16.91	16.96	18.00
3	64QAM	1	0	16.94	16.94	16.90	18.00
3	64QAM	1	8	16.90	16.93	16.94	18.00
3	64QAM	1	14	16.99	16.81	17.00	18.00
3	64QAM	8	0	16.99	16.96	16.83	18.00
3	64QAM	8	4	16.89	16.97	16.89	18.00
3	64QAM	8	7	16.88	16.93	16.88	18.00
3	64QAM	15	0	16.92	16.87	16.82	18.00
3	256QAM	1	0	16.96	16.96	16.87	18.00
3	256QAM	1	8	16.99	16.90	16.86	18.00
3	256QAM	1	14	16.90	16.89	16.82	18.00
3	256QAM	8	0	16.90	16.80	16.88	18.00
3	256QAM	8	4	16.87	17.01	16.83	18.00
3	256QAM	8	7	17.01	16.93	16.83	18.00



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3	256QAM	15	0	16.93	16.86	16.95	18.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.00	17.13	17.01	18.00
1.4	QPSK	1	3	16.92	16.91	16.92	18.00
1.4	QPSK	1	5	16.88	16.96	16.96	18.00
1.4	QPSK	3	0	17.07	17.11	17.02	18.00
1.4	QPSK	3	1	17.01	16.98	16.92	18.00
1.4	QPSK	3	3	16.97	16.97	16.94	18.00
1.4	QPSK	6	0	16.89	16.97	16.93	18.00
1.4	16QAM	1	0	16.90	16.85	16.95	18.00
1.4	16QAM	1	3	16.95	16.93	16.88	18.00
1.4	16QAM	1	5	16.90	17.00	16.98	18.00
1.4	16QAM	3	0	16.81	16.95	16.92	18.00
1.4	16QAM	3	1	16.91	17.00	16.88	18.00
1.4	16QAM	3	3	16.99	16.84	16.99	18.00
1.4	16QAM	6	0	16.87	16.88	16.97	18.00
1.4	64QAM	1	0	16.95	16.84	16.84	18.00
1.4	64QAM	1	3	16.90	16.87	16.91	18.00
1.4	64QAM	1	5	16.97	16.86	16.94	18.00
1.4	64QAM	3	0	16.97	16.92	16.92	18.00
1.4	64QAM	3	1	17.00	16.90	16.94	18.00
1.4	64QAM	3	3	16.92	16.98	16.83	18.00
1.4	64QAM	6	0	16.94	16.93	16.92	18.00
1.4	256QAM	1	0	16.94	16.97	16.81	18.00
1.4	256QAM	1	3	16.93	17.01	16.86	18.00
1.4	256QAM	1	5	16.86	16.92	16.82	18.00
1.4	256QAM	3	0	16.91	16.84	16.92	18.00
1.4	256QAM	3	1	16.82	16.98	16.85	18.00
1.4	256QAM	3	3	16.91	16.95	16.88	18.00
1.4	256QAM	6	0	16.90	16.83	16.96	18.00

【LTE Band 25_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.34	22.49	22.27	24.00
20	QPSK	1	49	22.13	22.38	22.06	24.00
20	QPSK	1	99	22.11	22.34	22.06	24.00
20	QPSK	50	0	21.10	21.33	21.00	23.00
20	QPSK	50	24	21.16	21.32	21.09	23.00
20	QPSK	50	50	21.15	21.33	21.00	23.00
20	QPSK	100	0	21.17	21.34	21.07	23.00
20	16QAM	1	0	21.33	21.54	21.24	23.00
20	16QAM	1	49	21.28	21.53	21.17	23.00
20	16QAM	1	99	21.38	21.58	21.29	23.00
20	16QAM	50	0	20.15	20.33	20.09	22.00
20	16QAM	50	24	20.07	20.31	20.06	22.00
20	16QAM	50	50	20.11	20.31	20.05	22.00
20	16QAM	100	0	20.05	20.32	20.09	22.00
20	64QAM	1	0	20.15	20.41	20.07	22.00
20	64QAM	1	49	20.28	20.47	20.21	22.00
20	64QAM	1	99	20.22	20.44	20.19	22.00
20	64QAM	50	0	19.16	19.33	19.02	21.00
20	64QAM	50	24	19.18	19.35	19.14	21.00
20	64QAM	50	50	19.16	19.34	19.01	21.00
20	64QAM	100	0	19.12	19.32	19.01	21.00
20	256QAM	1	0	17.24	17.42	17.21	19.00
20	256QAM	1	49	17.26	17.45	17.15	19.00
20	256QAM	1	99	17.24	17.39	17.19	19.00
20	256QAM	50	0	17.05	17.31	17.12	19.00
20	256QAM	50	24	17.14	17.33	17.11	19.00
20	256QAM	50	50	17.19	17.32	17.10	19.00
20	256QAM	100	0	17.17	17.31	17.08	19.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.30	22.43	22.25	24.00
15	QPSK	1	37	22.07	22.24	22.01	24.00
15	QPSK	1	74	22.09	22.31	22.04	24.00
15	QPSK	36	0	21.07	21.22	21.00	23.00
15	QPSK	36	20	21.02	21.21	21.00	23.00



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15	QPSK	36	39	21.05	21.24	21.00	23.00
15	QPSK	75	0	21.05	21.32	21.00	23.00
15	16QAM	1	0	21.25	21.46	21.23	23.00
15	16QAM	1	37	21.17	21.52	21.13	23.00
15	16QAM	1	74	21.30	21.53	21.15	23.00
15	16QAM	36	0	20.10	20.23	20.00	22.00
15	16QAM	36	20	20.01	20.20	20.00	22.00
15	16QAM	36	39	20.00	20.28	20.00	22.00
15	16QAM	75	0	20.02	20.23	20.01	22.00
15	64QAM	1	0	20.13	20.36	20.00	22.00
15	64QAM	1	37	20.15	20.33	20.18	22.00
15	64QAM	1	74	20.10	20.41	20.14	22.00
15	64QAM	36	0	19.11	19.27	19.00	21.00
15	64QAM	36	20	19.09	19.24	19.10	21.00
15	64QAM	36	39	19.08	19.29	19.01	21.00
15	64QAM	75	0	19.04	19.29	19.01	21.00
15	256QAM	1	0	17.12	17.28	17.16	19.00
15	256QAM	1	37	17.17	17.31	17.05	19.00
15	256QAM	1	74	17.18	17.32	17.07	19.00
15	256QAM	36	0	17.00	17.27	17.00	19.00
15	256QAM	36	20	17.12	17.25	17.01	19.00
15	256QAM	36	39	17.11	17.27	17.08	19.00
15	256QAM	75	0	17.13	17.19	17.00	19.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	22.30	22.38	22.24	24.00
10	QPSK	1	25	22.03	22.36	22.04	24.00
10	QPSK	1	49	22.08	22.29	22.01	24.00
10	QPSK	25	0	21.03	21.27	21.02	23.00
10	QPSK	25	12	21.04	21.30	21.01	23.00
10	QPSK	25	25	21.03	21.23	21.00	23.00
10	QPSK	50	0	21.08	21.28	21.05	23.00
10	16QAM	1	0	21.20	21.50	21.23	23.00
10	16QAM	1	25	21.25	21.45	21.03	23.00
10	16QAM	1	49	21.27	21.49	21.21	23.00
10	16QAM	25	0	20.04	20.29	20.06	22.00
10	16QAM	25	12	20.00	20.21	20.00	22.00
10	16QAM	25	25	20.10	20.28	20.02	22.00
10	16QAM	50	0	20.03	20.27	20.05	22.00
10	64QAM	1	0	20.13	20.38	20.01	22.00
10	64QAM	1	25	20.21	20.37	20.13	22.00
10	64QAM	1	49	20.07	20.32	20.06	22.00
10	64QAM	25	0	19.07	19.18	19.01	21.00
10	64QAM	25	12	19.07	19.33	19.06	21.00
10	64QAM	25	25	19.03	19.26	19.01	21.00
10	64QAM	50	0	19.06	19.27	19.01	21.00
10	256QAM	1	0	17.17	17.41	17.11	19.00
10	256QAM	1	25	17.21	17.30	17.13	19.00
10	256QAM	1	49	17.17	17.35	17.14	19.00
10	256QAM	25	0	17.02	17.26	17.09	19.00
10	256QAM	25	12	17.10	17.22	17.01	19.00
10	256QAM	25	25	17.08	17.30	17.04	19.00
10	256QAM	50	0	17.12	17.29	17.00	19.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	22.23	22.35	22.16	24.00
5	QPSK	1	12	22.08	22.33	22.00	24.00
5	QPSK	1	24	22.05	22.20	22.02	24.00
5	QPSK	12	0	21.06	21.24	21.00	23.00
5	QPSK	12	7	21.14	21.29	21.00	23.00
5	QPSK	12	13	21.09	21.23	21.01	23.00
5	QPSK	25	0	21.07	21.21	21.03	23.00
5	16QAM	1	0	21.31	21.45	21.14	23.00
5	16QAM	1	12	21.24	21.51	21.04	23.00
5	16QAM	1	24	21.35	21.50	21.21	23.00
5	16QAM	12	0	20.13	20.23	20.00	22.00
5	16QAM	12	7	20.01	20.18	20.00	22.00
5	16QAM	12	13	20.09	20.29	20.00	22.00
5	16QAM	25	0	20.01	20.23	20.00	22.00
5	64QAM	1	0	20.10	20.39	20.00	22.00
5	64QAM	1	12	20.24	20.33	20.10	22.00
5	64QAM	1	24	20.10	20.32	20.09	22.00
5	64QAM	12	0	19.15	19.18	19.00	21.00
5	64QAM	12	7	19.07	19.25	19.02	21.00
5	64QAM	12	13	19.07	19.23	19.01	21.00
5	64QAM	25	0	19.01	19.18	19.00	21.00
5	256QAM	1	0	17.21	17.36	17.13	19.00
5	256QAM	1	12	17.20	17.40	17.06	19.00



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5	256QAM	1	24	17.19	17.29	17.05	19.00
5	256QAM	12	0	17.00	17.28	17.01	19.00
5	256QAM	12	7	17.02	17.29	17.03	19.00
5	256QAM	12	13	17.17	17.23	17.04	19.00
5	256QAM	25	0	17.08	17.26	17.00	19.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.31	22.27	22.24	24.00
3	QPSK	1	8	22.07	22.30	22.02	24.00
3	QPSK	1	14	22.00	22.25	22.00	24.00
3	QPSK	8	0	21.04	21.29	21.00	23.00
3	QPSK	8	4	21.03	21.21	21.07	23.00
3	QPSK	8	7	21.06	21.31	21.02	23.00
3	QPSK	15	0	21.07	21.32	21.01	23.00
3	16QAM	1	0	21.22	21.46	21.12	23.00
3	16QAM	1	8	21.26	21.52	21.15	23.00
3	16QAM	1	14	21.25	21.56	21.17	23.00
3	16QAM	8	0	20.14	20.24	20.01	22.00
3	16QAM	8	4	20.01	20.23	20.03	22.00
3	16QAM	8	7	20.10	20.29	20.01	22.00
3	16QAM	15	0	20.00	20.21	20.01	22.00
3	64QAM	1	0	20.02	20.37	20.00	22.00
3	64QAM	1	8	20.20	20.35	20.09	22.00
3	64QAM	1	14	20.14	20.34	20.06	22.00
3	64QAM	8	0	19.13	19.27	19.01	21.00
3	64QAM	8	4	19.05	19.26	19.07	21.00
3	64QAM	8	7	19.15	19.27	19.00	21.00
3	64QAM	15	0	19.05	19.18	19.01	21.00
3	256QAM	1	0	17.22	17.28	17.18	19.00
3	256QAM	1	8	17.19	17.30	17.08	19.00
3	256QAM	1	14	17.18	17.32	17.09	19.00
3	256QAM	8	0	17.02	17.18	17.05	19.00
3	256QAM	8	4	17.07	17.27	17.10	19.00
3	256QAM	8	7	17.08	17.29	17.03	19.00
3	256QAM	15	0	17.09	17.24	17.00	19.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.20	22.27	22.25	24.00
1.4	QPSK	1	3	22.10	22.24	22.01	24.00
1.4	QPSK	1	5	22.07	22.21	22.00	24.00
1.4	QPSK	3	0	22.00	22.31	22.00	24.00
1.4	QPSK	3	1	22.04	22.26	22.04	24.00
1.4	QPSK	3	3	22.04	22.32	22.00	24.00
1.4	QPSK	6	0	21.10	21.26	21.00	23.00
1.4	16QAM	1	0	21.27	21.51	21.22	23.00
1.4	16QAM	1	3	21.13	21.45	21.14	23.00
1.4	16QAM	1	5	21.30	21.45	21.20	23.00
1.4	16QAM	3	0	21.04	21.20	21.01	23.00
1.4	16QAM	3	1	21.00	21.29	21.00	23.00
1.4	16QAM	3	3	21.05	21.27	21.01	23.00
1.4	16QAM	6	0	20.03	20.20	20.01	22.00
1.4	64QAM	1	0	20.12	20.27	20.00	22.00
1.4	64QAM	1	3	20.25	20.41	20.13	22.00
1.4	64QAM	1	5	20.11	20.32	20.10	22.00
1.4	64QAM	3	0	20.06	20.24	20.01	22.00
1.4	64QAM	3	1	20.06	20.22	20.06	22.00
1.4	64QAM	3	3	20.02	20.23	20.00	22.00
1.4	64QAM	6	0	19.01	19.25	19.01	21.00
1.4	256QAM	1	0	17.20	17.38	17.19	19.00
1.4	256QAM	1	3	17.21	17.31	17.00	19.00
1.4	256QAM	1	5	17.09	17.29	17.13	19.00
1.4	256QAM	3	0	17.00	17.19	17.10	19.00
1.4	256QAM	3	1	17.12	17.29	17.08	19.00
1.4	256QAM	3	3	17.11	17.24	17.02	19.00
1.4	256QAM	6	0	17.02	17.27	17.00	19.00



【LTE Band 25_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.65	20.68	20.58	21.70
20	QPSK	1	49	20.55	20.51	20.50	21.70
20	QPSK	1	99	20.55	20.48	20.50	21.70
20	QPSK	50	0	20.54	20.58	20.56	21.70
20	QPSK	50	24	20.48	20.50	20.55	21.70
20	QPSK	50	50	20.45	20.52	20.45	21.70
20	QPSK	100	0	20.47	20.55	20.52	21.70
20	16QAM	1	0	20.54	20.50	20.49	21.70
20	16QAM	1	49	20.50	20.49	20.49	21.70
20	16QAM	1	99	20.54	20.56	20.55	21.70
20	16QAM	50	0	20.15	20.33	20.09	21.50
20	16QAM	50	24	20.07	20.31	20.06	21.50
20	16QAM	50	50	20.11	20.31	20.05	21.50
20	16QAM	100	0	20.05	20.32	20.09	21.50
20	64QAM	1	0	20.15	20.41	20.07	21.50
20	64QAM	1	49	20.28	20.47	20.21	21.50
20	64QAM	1	99	20.22	20.44	20.19	21.50
20	64QAM	50	0	19.16	19.33	19.02	20.50
20	64QAM	50	24	19.18	19.35	19.14	20.50
20	64QAM	50	50	19.16	19.34	19.01	20.50
20	64QAM	100	0	19.12	19.32	19.01	20.50
20	256QAM	1	0	17.24	17.42	17.21	18.50
20	256QAM	1	49	17.26	17.45	17.15	18.50
20	256QAM	1	99	17.24	17.39	17.19	18.50
20	256QAM	50	0	17.05	17.31	17.12	18.50
20	256QAM	50	24	17.14	17.33	17.11	18.50
20	256QAM	50	50	17.19	17.32	17.10	18.50
20	256QAM	100	0	17.17	17.31	17.08	18.50
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.60	20.62	20.52	21.70
15	QPSK	1	37	20.46	20.45	20.42	21.70
15	QPSK	1	74	20.40	20.44	20.46	21.70
15	QPSK	36	0	20.51	20.57	20.43	21.70
15	QPSK	36	20	20.43	20.40	20.47	21.70
15	QPSK	36	39	20.31	20.38	20.42	21.70
15	QPSK	75	0	20.33	20.50	20.43	21.70
15	16QAM	1	0	20.40	20.47	20.48	21.70
15	16QAM	1	37	20.44	20.42	20.36	21.70
15	16QAM	1	74	20.48	20.46	20.50	21.70
15	16QAM	36	0	20.14	20.20	20.04	21.50
15	16QAM	36	20	19.95	20.20	19.99	21.50
15	16QAM	36	39	20.00	20.23	19.97	21.50
15	16QAM	75	0	19.91	20.31	20.01	21.50
15	64QAM	1	0	20.01	20.28	20.04	21.50
15	64QAM	1	37	20.23	20.36	20.17	21.50
15	64QAM	1	74	20.08	20.38	20.05	21.50
15	64QAM	36	0	19.04	19.29	18.92	20.50
15	64QAM	36	20	19.04	19.28	19.07	20.50
15	64QAM	36	39	19.02	19.25	18.98	20.50
15	64QAM	75	0	19.04	19.30	18.88	20.50
15	256QAM	1	0	17.17	17.38	17.19	18.50
15	256QAM	1	37	17.12	17.39	17.12	18.50
15	256QAM	1	74	17.18	17.32	17.17	18.50
15	256QAM	36	0	17.00	17.23	17.07	18.50
15	256QAM	36	20	17.11	17.31	17.05	18.50
15	256QAM	36	39	17.06	17.23	17.05	18.50
15	256QAM	75	0	17.04	17.22	16.99	18.50
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.51	20.61	20.47	21.70
10	QPSK	1	25	20.42	20.41	20.45	21.70
10	QPSK	1	49	20.43	20.35	20.47	21.70
10	QPSK	25	0	20.46	20.47	20.51	21.70
10	QPSK	25	12	20.34	20.48	20.49	21.70
10	QPSK	25	25	20.37	20.37	20.42	21.70
10	QPSK	50	0	20.44	20.46	20.47	21.70
10	16QAM	1	0	20.53	20.43	20.47	21.70
10	16QAM	1	25	20.46	20.47	20.44	21.70
10	16QAM	1	49	20.49	20.51	20.41	21.70
10	16QAM	25	0	20.12	20.26	19.98	21.50



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10	16QAM	25	12	20.03	20.25	19.93	21.50
10	16QAM	25	25	20.02	20.20	20.04	21.50
10	16QAM	50	0	19.91	20.26	19.95	21.50
10	64QAM	1	0	20.06	20.37	19.93	21.50
10	64QAM	1	25	20.18	20.46	20.07	21.50
10	64QAM	1	49	20.21	20.42	20.13	21.50
10	64QAM	25	0	19.05	19.19	18.90	20.50
10	64QAM	25	12	19.09	19.27	19.13	20.50
10	64QAM	25	25	19.06	19.32	18.93	20.50
10	64QAM	50	0	18.99	19.18	18.99	20.50
10	256QAM	1	0	17.10	17.34	17.08	18.50
10	256QAM	1	25	17.21	17.44	17.12	18.50
10	256QAM	1	49	17.09	17.31	17.16	18.50
10	256QAM	25	0	17.00	17.26	17.03	18.50
10	256QAM	25	12	17.11	17.30	17.10	18.50
10	256QAM	25	25	17.08	17.18	17.06	18.50
10	256QAM	50	0	17.16	17.29	16.96	18.50
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	20.57	20.61	20.56	21.70
5	QPSK	1	12	20.44	20.48	20.43	21.70
5	QPSK	1	24	20.50	20.46	20.44	21.70
5	QPSK	12	0	20.41	20.43	20.51	21.70
5	QPSK	12	7	20.47	20.47	20.47	21.70
5	QPSK	12	13	20.37	20.41	20.30	21.70
5	QPSK	25	0	20.46	20.41	20.42	21.70
5	16QAM	1	0	20.42	20.42	20.46	21.70
5	16QAM	1	12	20.36	20.42	20.46	21.70
5	16QAM	1	24	20.44	20.41	20.51	21.70
5	16QAM	12	0	20.03	20.25	20.05	21.50
5	16QAM	12	7	20.02	20.25	19.99	21.50
5	16QAM	12	13	20.02	20.28	19.96	21.50
5	16QAM	25	0	20.03	20.26	20.01	21.50
5	64QAM	1	0	20.06	20.26	20.04	21.50
5	64QAM	1	12	20.23	20.43	20.12	21.50
5	64QAM	1	24	20.16	20.34	20.05	21.50
5	64QAM	12	0	19.02	19.23	18.91	20.50
5	64QAM	12	7	19.10	19.22	19.05	20.50
5	64QAM	12	13	19.14	19.22	18.88	20.50
5	64QAM	25	0	19.01	19.22	18.99	20.50
5	256QAM	1	0	17.10	17.30	17.12	18.50
5	256QAM	1	12	17.14	17.41	17.14	18.50
5	256QAM	1	24	17.14	17.25	17.12	18.50
5	256QAM	12	0	16.96	17.28	16.98	18.50
5	256QAM	12	7	17.04	17.29	17.00	18.50
5	256QAM	12	13	17.18	17.31	17.03	18.50
5	256QAM	25	0	17.15	17.17	17.07	18.50
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	20.50	20.61	20.53	21.70
3	QPSK	1	8	20.52	20.40	20.48	21.70
3	QPSK	1	14	20.53	20.37	20.49	21.70
3	QPSK	8	0	20.48	20.57	20.45	21.70
3	QPSK	8	4	20.35	20.46	20.54	21.70
3	QPSK	8	7	20.38	20.45	20.43	21.70
3	QPSK	15	0	20.38	20.51	20.41	21.70
3	16QAM	1	0	20.45	20.42	20.40	21.70
3	16QAM	1	8	20.47	20.47	20.43	21.70
3	16QAM	1	14	20.40	20.54	20.44	21.70
3	16QAM	8	0	20.14	20.25	20.03	21.50
3	16QAM	8	4	20.00	20.22	19.91	21.50
3	16QAM	8	7	19.97	20.24	19.99	21.50
3	16QAM	15	0	20.01	20.29	20.04	21.50
3	64QAM	1	0	20.11	20.31	19.92	21.50
3	64QAM	1	8	20.25	20.38	20.14	21.50
3	64QAM	1	14	20.08	20.30	20.11	21.50
3	64QAM	8	0	19.04	19.27	18.99	20.50
3	64QAM	8	4	19.06	19.28	18.99	20.50
3	64QAM	8	7	19.01	19.23	18.99	20.50
3	64QAM	15	0	19.06	19.22	18.99	20.50
3	256QAM	1	0	17.10	17.39	17.14	18.50
3	256QAM	1	8	17.22	17.38	17.12	18.50
3	256QAM	1	14	17.10	17.32	17.15	18.50
3	256QAM	8	0	16.98	17.27	17.01	18.50
3	256QAM	8	4	17.11	17.19	17.03	18.50
3	256QAM	8	7	17.04	17.18	16.96	18.50
3	256QAM	15	0	17.08	17.18	17.02	18.50
Channel				26047	26340	26683	Tune-up limit



Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	20.62	20.64	20.56	21.70
1.4	QPSK	1	3	20.46	20.41	20.46	21.70
1.4	QPSK	1	5	20.46	20.41	20.37	21.70
1.4	QPSK	3	0	20.42	20.54	20.53	21.70
1.4	QPSK	3	1	20.45	20.40	20.43	21.70
1.4	QPSK	3	3	20.30	20.41	20.37	21.70
1.4	QPSK	6	0	20.37	20.53	20.40	21.70
1.4	16QAM	1	0	20.52	20.40	20.46	21.70
1.4	16QAM	1	3	20.42	20.43	20.48	21.70
1.4	16QAM	1	5	20.44	20.55	20.42	21.70
1.4	16QAM	3	0	20.26	20.45	20.23	21.70
1.4	16QAM	3	1	20.24	20.42	20.14	21.70
1.4	16QAM	3	3	20.17	20.42	20.15	21.70
1.4	16QAM	6	0	19.99	20.17	20.06	21.50
1.4	64QAM	1	0	20.03	20.34	20.04	21.50
1.4	64QAM	1	3	20.27	20.33	20.09	21.50
1.4	64QAM	1	5	20.13	20.31	20.07	21.50
1.4	64QAM	3	0	19.03	19.28	18.92	20.50
1.4	64QAM	3	1	19.07	19.31	19.10	20.50
1.4	64QAM	3	3	19.10	19.19	18.92	20.50
1.4	64QAM	6	0	19.08	19.26	18.87	20.50
1.4	256QAM	1	0	17.14	17.40	17.18	18.50
1.4	256QAM	1	3	17.14	17.34	17.06	18.50
1.4	256QAM	1	5	17.14	17.30	17.13	18.50
1.4	256QAM	3	0	16.98	17.29	16.99	18.50
1.4	256QAM	3	1	17.07	17.22	16.98	18.50
1.4	256QAM	3	3	17.07	17.24	16.99	18.50
1.4	256QAM	6	0	17.02	17.28	17.06	18.50

【LTE Band 25_Ant 0_ECI 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				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	15.54	15.57	15.53	17.00
20	QPSK	1	49	15.44	15.43	15.51	17.00
20	QPSK	1	99	15.42	15.50	15.52	17.00
20	QPSK	50	0	15.48	15.53	15.49	17.00
20	QPSK	50	24	15.42	15.50	15.43	17.00
20	QPSK	50	50	15.44	15.50	15.48	17.00
20	QPSK	100	0	15.41	15.51	15.41	17.00
20	16QAM	1	0	15.43	15.42	15.42	17.00
20	16QAM	1	49	15.46	15.48	15.41	17.00
20	16QAM	1	99	15.46	15.49	15.49	17.00
20	16QAM	50	0	15.43	15.49	15.40	17.00
20	16QAM	50	24	15.46	15.43	15.43	17.00
20	16QAM	50	50	15.46	15.49	15.45	17.00
20	16QAM	100	0	15.45	15.47	15.41	17.00
20	64QAM	1	0	15.47	15.40	15.40	17.00
20	64QAM	1	49	15.48	15.41	15.51	17.00
20	64QAM	1	99	15.51	15.45	15.49	17.00
20	64QAM	50	0	15.49	15.44	15.47	17.00
20	64QAM	50	24	15.43	15.45	15.48	17.00
20	64QAM	50	50	15.52	15.46	15.46	17.00
20	64QAM	100	0	15.51	15.42	15.52	17.00
20	256QAM	1	0	15.42	15.45	15.50	17.00
20	256QAM	1	49	15.48	15.41	15.44	17.00
20	256QAM	1	99	15.49	15.43	15.44	17.00
20	256QAM	50	0	15.48	15.47	15.43	17.00
20	256QAM	50	24	15.49	15.49	15.52	17.00
20	256QAM	50	50	15.50	15.40	15.40	17.00
20	256QAM	100	0	15.47	15.44	15.48	17.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	15.53	15.54	15.42	17.00
15	QPSK	1	37	15.33	15.37	15.50	17.00
15	QPSK	1	74	15.28	15.46	15.46	17.00
15	QPSK	36	0	15.34	15.41	15.42	17.00
15	QPSK	36	20	15.39	15.37	15.30	17.00
15	QPSK	36	39	15.40	15.46	15.43	17.00
15	QPSK	75	0	15.38	15.42	15.29	17.00



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15	16QAM	1	0	15.31	15.33	15.41	17.00
15	16QAM	1	37	15.39	15.42	15.27	17.00
15	16QAM	1	74	15.31	15.43	15.47	17.00
15	16QAM	36	0	15.28	15.38	15.35	17.00
15	16QAM	36	20	15.41	15.33	15.32	17.00
15	16QAM	36	39	15.34	15.46	15.34	17.00
15	16QAM	75	0	15.32	15.39	15.37	17.00
15	64QAM	1	0	15.40	15.29	15.28	17.00
15	64QAM	1	37	15.36	15.40	15.37	17.00
15	64QAM	1	74	15.49	15.41	15.43	17.00
15	64QAM	36	0	15.42	15.29	15.38	17.00
15	64QAM	36	20	15.41	15.40	15.38	17.00
15	64QAM	36	39	15.49	15.40	15.45	17.00
15	64QAM	75	0	15.41	15.39	15.45	17.00
15	256QAM	1	0	15.40	15.35	15.39	17.00
15	256QAM	1	37	15.39	15.28	15.43	17.00
15	256QAM	1	74	15.38	15.33	15.38	17.00
15	256QAM	36	0	15.44	15.34	15.30	17.00
15	256QAM	36	20	15.46	15.37	15.50	17.00
15	256QAM	36	39	15.43	15.36	15.27	17.00
15	256QAM	75	0	15.40	15.38	15.36	17.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	15.44	15.43	15.46	17.00
10	QPSK	1	25	15.37	15.38	15.37	17.00
10	QPSK	1	49	15.34	15.42	15.45	17.00
10	QPSK	25	0	15.41	15.42	15.46	17.00
10	QPSK	25	12	15.36	15.47	15.29	17.00
10	QPSK	25	25	15.34	15.45	15.43	17.00
10	QPSK	50	0	15.26	15.41	15.28	17.00
10	16QAM	1	0	15.29	15.29	15.34	17.00
10	16QAM	1	25	15.35	15.43	15.27	17.00
10	16QAM	1	49	15.41	15.45	15.48	17.00
10	16QAM	25	0	15.36	15.44	15.30	17.00
10	16QAM	25	12	15.45	15.34	15.39	17.00
10	16QAM	25	25	15.41	15.34	15.37	17.00
10	16QAM	50	0	15.35	15.36	15.36	17.00
10	64QAM	1	0	15.40	15.32	15.30	17.00
10	64QAM	1	25	15.37	15.30	15.45	17.00
10	64QAM	1	49	15.48	15.33	15.38	17.00
10	64QAM	25	0	15.43	15.32	15.45	17.00
10	64QAM	25	12	15.39	15.43	15.36	17.00
10	64QAM	25	25	15.51	15.37	15.44	17.00
10	64QAM	50	0	15.36	15.36	15.46	17.00
10	256QAM	1	0	15.31	15.40	15.47	17.00
10	256QAM	1	25	15.43	15.27	15.38	17.00
10	256QAM	1	49	15.44	15.37	15.37	17.00
10	256QAM	25	0	15.44	15.45	15.35	17.00
10	256QAM	25	12	15.37	15.46	15.40	17.00
10	256QAM	25	25	15.42	15.31	15.30	17.00
10	256QAM	50	0	15.42	15.30	15.41	17.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	15.43	15.50	15.40	17.00
5	QPSK	1	12	15.43	15.30	15.37	17.00
5	QPSK	1	24	15.29	15.48	15.41	17.00
5	QPSK	12	0	15.34	15.48	15.46	17.00
5	QPSK	12	7	15.41	15.47	15.35	17.00
5	QPSK	12	13	15.30	15.36	15.39	17.00
5	QPSK	25	0	15.30	15.48	15.28	17.00
5	16QAM	1	0	15.36	15.32	15.36	17.00
5	16QAM	1	12	15.44	15.35	15.39	17.00
5	16QAM	1	24	15.39	15.45	15.44	17.00
5	16QAM	12	0	15.32	15.37	15.38	17.00
5	16QAM	12	7	15.37	15.39	15.28	17.00
5	16QAM	12	13	15.31	15.36	15.43	17.00
5	16QAM	25	0	15.37	15.37	15.33	17.00
5	64QAM	1	0	15.44	15.34	15.31	17.00
5	64QAM	1	12	15.42	15.27	15.40	17.00
5	64QAM	1	24	15.48	15.32	15.45	17.00
5	64QAM	12	0	15.39	15.32	15.40	17.00
5	64QAM	12	7	15.36	15.40	15.45	17.00
5	64QAM	12	13	15.37	15.43	15.44	17.00
5	64QAM	25	0	15.46	15.39	15.46	17.00
5	256QAM	1	0	15.40	15.34	15.36	17.00
5	256QAM	1	12	15.35	15.36	15.42	17.00
5	256QAM	1	24	15.42	15.34	15.32	17.00
5	256QAM	12	0	15.35	15.44	15.28	17.00



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5	256QAM	12	7	15.45	15.47	15.41	17.00
5	256QAM	12	13	15.42	15.35	15.32	17.00
5	256QAM	25	0	15.37	15.33	15.46	17.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	15.43	15.48	15.45	17.00
3	QPSK	1	8	15.38	15.31	15.37	17.00
3	QPSK	1	14	15.32	15.40	15.40	17.00
3	QPSK	8	0	15.34	15.42	15.36	17.00
3	QPSK	8	4	15.41	15.49	15.37	17.00
3	QPSK	8	7	15.43	15.39	15.44	17.00
3	QPSK	15	0	15.33	15.43	15.26	17.00
3	16QAM	1	0	15.32	15.41	15.33	17.00
3	16QAM	1	8	15.40	15.37	15.38	17.00
3	16QAM	1	14	15.38	15.35	15.35	17.00
3	16QAM	8	0	15.32	15.46	15.28	17.00
3	16QAM	8	4	15.44	15.40	15.34	17.00
3	16QAM	8	7	15.41	15.38	15.32	17.00
3	16QAM	15	0	15.33	15.40	15.29	17.00
3	64QAM	1	0	15.37	15.36	15.30	17.00
3	64QAM	1	8	15.41	15.28	15.37	17.00
3	64QAM	1	14	15.43	15.31	15.37	17.00
3	64QAM	8	0	15.46	15.41	15.45	17.00
3	64QAM	8	4	15.39	15.34	15.34	17.00
3	64QAM	8	7	15.39	15.42	15.38	17.00
3	64QAM	15	0	15.37	15.27	15.50	17.00
3	256QAM	1	0	15.34	15.35	15.41	17.00
3	256QAM	1	8	15.36	15.39	15.37	17.00
3	256QAM	1	14	15.46	15.29	15.34	17.00
3	256QAM	8	0	15.35	15.42	15.39	17.00
3	256QAM	8	4	15.41	15.39	15.39	17.00
3	256QAM	8	7	15.36	15.39	15.33	17.00
3	256QAM	15	0	15.40	15.31	15.40	17.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	15.40	15.55	15.38	17.00
1.4	QPSK	1	3	15.33	15.40	15.41	17.00
1.4	QPSK	1	5	15.30	15.44	15.44	17.00
1.4	QPSK	3	0	15.39	15.40	15.43	17.00
1.4	QPSK	3	1	15.38	15.39	15.41	17.00
1.4	QPSK	3	3	15.38	15.37	15.39	17.00
1.4	QPSK	6	0	15.34	15.42	15.31	17.00
1.4	16QAM	1	0	15.40	15.29	15.28	17.00
1.4	16QAM	1	3	15.33	15.36	15.39	17.00
1.4	16QAM	1	5	15.40	15.41	15.39	17.00
1.4	16QAM	3	0	15.33	15.39	15.31	17.00
1.4	16QAM	3	1	15.45	15.36	15.40	17.00
1.4	16QAM	3	3	15.36	15.46	15.36	17.00
1.4	16QAM	6	0	15.44	15.46	15.26	17.00
1.4	64QAM	1	0	15.34	15.38	15.38	17.00
1.4	64QAM	1	3	15.43	15.29	15.37	17.00
1.4	64QAM	1	5	15.44	15.33	15.34	17.00
1.4	64QAM	3	0	15.42	15.39	15.35	17.00
1.4	64QAM	3	1	15.33	15.42	15.36	17.00
1.4	64QAM	3	3	15.42	15.43	15.35	17.00
1.4	64QAM	6	0	15.45	15.34	15.40	17.00
1.4	256QAM	1	0	15.31	15.36	15.41	17.00
1.4	256QAM	1	3	15.44	15.34	15.35	17.00
1.4	256QAM	1	5	15.43	15.38	15.38	17.00
1.4	256QAM	3	0	15.35	15.37	15.37	17.00
1.4	256QAM	3	1	15.46	15.37	15.42	17.00
1.4	256QAM	3	3	15.42	15.38	15.36	17.00
1.4	256QAM	6	0	15.45	15.40	15.46	17.00



【LTE Band 25_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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.03	21.19	21.08	22.00
20	QPSK	1	49	20.77	21.03	20.74	22.00
20	QPSK	1	99	20.73	21.04	20.75	22.00
20	QPSK	50	0	19.83	20.04	19.69	21.00
20	QPSK	50	24	19.83	20.01	19.61	21.00
20	QPSK	50	50	19.79	20.01	19.61	21.00
20	QPSK	100	0	19.79	19.99	19.66	21.00
20	16QAM	1	0	20.03	20.21	19.88	21.00
20	16QAM	1	49	20.11	20.29	19.96	21.00
20	16QAM	1	99	20.04	20.27	19.89	21.00
20	16QAM	50	0	18.68	18.97	18.62	20.00
20	16QAM	50	24	18.80	18.99	18.64	20.00
20	16QAM	50	50	18.73	18.98	18.65	20.00
20	16QAM	100	0	18.72	18.99	18.69	20.00
20	64QAM	1	0	18.75	19.04	18.75	20.00
20	64QAM	1	49	18.95	19.13	18.84	20.00
20	64QAM	1	99	18.93	19.14	18.82	20.00
20	64QAM	50	0	17.79	17.96	17.63	19.00
20	64QAM	50	24	17.77	18.02	17.72	19.00
20	64QAM	50	50	17.74	17.99	17.71	19.00
20	64QAM	100	0	17.69	17.97	17.60	19.00
20	256QAM	1	0	15.81	15.96	15.63	17.00
20	256QAM	1	49	15.94	16.08	15.73	17.00
20	256QAM	1	99	15.87	16.05	15.83	17.00
20	256QAM	50	0	15.76	15.98	15.73	17.00
20	256QAM	50	24	15.78	15.99	15.69	17.00
20	256QAM	50	50	15.75	15.98	15.64	17.00
20	256QAM	100	0	15.72	15.94	15.68	17.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.81	21.07	20.75	22.00
15	QPSK	1	37	20.70	20.94	20.70	22.00
15	QPSK	1	74	20.68	21.00	20.69	22.00
15	QPSK	36	0	19.69	20.02	19.66	21.00
15	QPSK	36	20	19.80	19.90	19.55	21.00
15	QPSK	36	39	19.75	19.90	19.54	21.00
15	QPSK	75	0	19.65	19.89	19.64	21.00
15	16QAM	1	0	19.96	20.07	19.80	21.00
15	16QAM	1	37	20.07	20.26	19.86	21.00
15	16QAM	1	74	20.03	20.18	19.74	21.00
15	16QAM	36	0	18.62	18.90	18.58	20.00
15	16QAM	36	20	18.66	18.90	18.63	20.00
15	16QAM	36	39	18.68	18.94	18.55	20.00
15	16QAM	75	0	18.62	18.89	18.58	20.00
15	64QAM	1	0	18.66	18.96	18.73	20.00
15	64QAM	1	37	18.81	18.98	18.79	20.00
15	64QAM	1	74	18.79	19.05	18.75	20.00
15	64QAM	36	0	17.70	17.86	17.55	19.00
15	64QAM	36	20	17.66	17.94	17.62	19.00
15	64QAM	36	39	17.73	17.88	17.66	19.00
15	64QAM	75	0	17.63	17.92	17.57	19.00
15	256QAM	1	0	15.78	15.91	15.51	17.00
15	256QAM	1	37	15.91	16.01	15.68	17.00
15	256QAM	1	74	15.72	15.97	15.70	17.00
15	256QAM	36	0	15.72	15.87	15.62	17.00
15	256QAM	36	20	15.67	15.85	15.68	17.00
15	256QAM	36	39	15.70	15.93	15.55	17.00
15	256QAM	75	0	15.68	15.89	15.66	17.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.85	21.03	20.67	22.00
10	QPSK	1	25	20.66	20.97	20.63	22.00
10	QPSK	1	49	20.60	20.92	20.65	22.00
10	QPSK	25	0	19.73	19.95	19.61	21.00
10	QPSK	25	12	19.76	19.94	19.52	21.00
10	QPSK	25	25	19.71	19.86	19.57	21.00
10	QPSK	50	0	19.65	19.87	19.54	21.00
10	16QAM	1	0	19.96	20.15	19.78	21.00
10	16QAM	1	25	20.00	20.22	19.85	21.00
10	16QAM	1	49	19.99	20.15	19.84	21.00
10	16QAM	25	0	18.57	18.93	18.51	20.00



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10	16QAM	25	12	18.79	18.88	18.56	20.00
10	16QAM	25	25	18.70	18.86	18.58	20.00
10	16QAM	50	0	18.59	18.88	18.60	20.00
10	64QAM	1	0	18.67	18.93	18.73	20.00
10	64QAM	1	25	18.81	19.10	18.82	20.00
10	64QAM	1	49	18.82	19.04	18.69	20.00
10	64QAM	25	0	17.72	17.92	17.56	19.00
10	64QAM	25	12	17.70	17.95	17.59	19.00
10	64QAM	25	25	17.61	17.88	17.62	19.00
10	64QAM	50	0	17.66	17.93	17.48	19.00
10	256QAM	1	0	15.76	15.82	15.56	17.00
10	256QAM	1	25	15.86	16.01	15.69	17.00
10	256QAM	1	49	15.75	16.00	15.78	17.00
10	256QAM	25	0	15.68	15.83	15.62	17.00
10	256QAM	25	12	15.68	15.87	15.59	17.00
10	256QAM	25	25	15.73	15.89	15.49	17.00
10	256QAM	50	0	15.62	15.91	15.64	17.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	20.83	20.94	20.70	22.00
5	QPSK	1	12	20.64	20.90	20.64	22.00
5	QPSK	1	24	20.61	20.95	20.64	22.00
5	QPSK	12	0	19.72	19.91	19.60	21.00
5	QPSK	12	7	19.77	19.88	19.50	21.00
5	QPSK	12	13	19.77	19.93	19.50	21.00
5	QPSK	25	0	19.77	19.97	19.64	21.00
5	16QAM	1	0	19.88	20.15	19.77	21.00
5	16QAM	1	12	20.06	20.26	19.82	21.00
5	16QAM	1	24	19.94	20.14	19.82	21.00
5	16QAM	12	0	18.54	18.86	18.61	20.00
5	16QAM	12	7	18.72	18.93	18.50	20.00
5	16QAM	12	13	18.62	18.97	18.56	20.00
5	16QAM	25	0	18.63	18.85	18.55	20.00
5	64QAM	1	0	18.61	18.94	18.71	20.00
5	64QAM	1	12	18.86	19.10	18.80	20.00
5	64QAM	1	24	18.88	19.11	18.71	20.00
5	64QAM	12	0	17.74	17.87	17.52	19.00
5	64QAM	12	7	17.62	18.01	17.64	19.00
5	64QAM	12	13	17.62	17.88	17.60	19.00
5	64QAM	25	0	17.62	17.94	17.48	19.00
5	256QAM	1	0	15.79	15.93	15.55	17.00
5	256QAM	1	12	15.88	15.93	15.62	17.00
5	256QAM	1	24	15.78	15.95	15.73	17.00
5	256QAM	12	0	15.66	15.97	15.71	17.00
5	256QAM	12	7	15.75	15.94	15.56	17.00
5	256QAM	12	13	15.67	15.97	15.61	17.00
5	256QAM	25	0	15.66	15.85	15.57	17.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	20.83	20.87	20.68	22.00
3	QPSK	1	8	20.68	20.98	20.60	22.00
3	QPSK	1	14	20.72	21.00	20.65	22.00
3	QPSK	8	0	19.82	20.03	19.61	21.00
3	QPSK	8	4	19.75	19.88	19.56	21.00
3	QPSK	8	7	19.69	19.97	19.54	21.00
3	QPSK	15	0	19.67	19.98	19.53	21.00
3	16QAM	1	0	19.97	20.14	19.86	21.00
3	16QAM	1	8	19.99	20.24	19.88	21.00
3	16QAM	1	14	19.93	20.25	19.87	21.00
3	16QAM	8	0	18.63	18.85	18.52	20.00
3	16QAM	8	4	18.74	18.95	18.54	20.00
3	16QAM	8	7	18.72	18.86	18.62	20.00
3	16QAM	15	0	18.66	18.95	18.58	20.00
3	64QAM	1	0	18.67	18.96	18.71	20.00
3	64QAM	1	8	18.93	19.01	18.74	20.00
3	64QAM	1	14	18.83	19.03	18.75	20.00
3	64QAM	8	0	17.78	17.83	17.61	19.00
3	64QAM	8	4	17.73	17.97	17.69	19.00
3	64QAM	8	7	17.66	17.97	17.67	19.00
3	64QAM	15	0	17.59	17.86	17.52	19.00
3	256QAM	1	0	15.75	15.83	15.60	17.00
3	256QAM	1	8	15.85	16.00	15.71	17.00
3	256QAM	1	14	15.74	15.91	15.69	17.00
3	256QAM	8	0	15.64	15.95	15.72	17.00
3	256QAM	8	4	15.74	15.92	15.59	17.00
3	256QAM	8	7	15.68	15.87	15.55	17.00
3	256QAM	15	0	15.57	15.85	15.55	17.00
Channel				26047	26340	26683	Tune-up limit



Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	20.78	20.91	20.73	22.00
1.4	QPSK	1	3	20.68	21.00	20.60	22.00
1.4	QPSK	1	5	20.64	20.93	20.69	22.00
1.4	QPSK	3	0	20.74	20.93	20.63	22.00
1.4	QPSK	3	1	20.79	20.93	20.55	22.00
1.4	QPSK	3	3	20.70	20.94	20.51	22.00
1.4	QPSK	6	0	19.74	19.85	19.61	21.00
1.4	16QAM	1	0	19.94	20.12	19.76	21.00
1.4	16QAM	1	3	20.05	20.19	19.88	21.00
1.4	16QAM	1	5	19.99	20.15	19.79	21.00
1.4	16QAM	3	0	19.64	19.82	19.48	21.00
1.4	16QAM	3	1	19.77	19.97	19.54	21.00
1.4	16QAM	3	3	19.70	19.96	19.56	21.00
1.4	16QAM	6	0	18.70	18.86	18.59	20.00
1.4	64QAM	1	0	18.72	18.99	18.61	20.00
1.4	64QAM	1	3	18.91	19.10	18.72	20.00
1.4	64QAM	1	5	18.80	19.02	18.75	20.00
1.4	64QAM	3	0	18.72	18.85	18.49	20.00
1.4	64QAM	3	1	18.72	18.91	18.62	20.00
1.4	64QAM	3	3	18.68	18.97	18.64	20.00
1.4	64QAM	6	0	17.62	17.85	17.59	19.00
1.4	256QAM	1	0	15.72	15.88	15.51	17.00
1.4	256QAM	1	3	15.86	15.98	15.59	17.00
1.4	256QAM	1	5	15.85	16.00	15.79	17.00
1.4	256QAM	3	0	15.68	15.95	15.63	17.00
1.4	256QAM	3	1	15.64	15.95	15.55	17.00
1.4	256QAM	3	3	15.70	15.89	15.50	17.00
1.4	256QAM	6	0	15.59	15.81	15.56	17.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.14	17.20	17.18	18.20
20	QPSK	1	49	17.05	17.06	17.11	18.20
20	QPSK	1	99	17.12	17.09	17.10	18.20
20	QPSK	50	0	17.12	17.15	17.13	18.20
20	QPSK	50	24	17.08	17.08	17.05	18.20
20	QPSK	50	50	17.08	17.03	17.11	18.20
20	QPSK	100	0	17.05	17.09	17.08	18.20
20	16QAM	1	0	17.10	17.10	17.14	18.20
20	16QAM	1	49	17.06	17.03	17.10	18.20
20	16QAM	1	99	17.07	17.09	17.04	18.20
20	16QAM	50	0	17.07	17.10	17.05	18.20
20	16QAM	50	24	17.12	17.07	17.02	18.20
20	16QAM	50	50	17.13	17.08	17.03	18.20
20	16QAM	100	0	17.06	17.14	17.03	18.20
20	64QAM	1	0	17.08	17.02	17.03	18.20
20	64QAM	1	49	17.10	17.14	17.07	18.20
20	64QAM	1	99	17.07	17.10	17.03	18.20
20	64QAM	50	0	17.02	17.11	17.05	18.20
20	64QAM	50	24	17.10	17.10	17.10	18.20
20	64QAM	50	50	17.06	17.03	17.06	18.20
20	64QAM	100	0	17.13	17.07	17.11	18.20
20	256QAM	1	0	15.81	15.96	15.63	17.00
20	256QAM	1	49	15.94	16.08	15.73	17.00
20	256QAM	1	99	15.87	16.05	15.83	17.00
20	256QAM	50	0	15.76	15.98	15.73	17.00
20	256QAM	50	24	15.78	15.99	15.69	17.00
20	256QAM	50	50	15.75	15.98	15.64	17.00
20	256QAM	100	0	15.72	15.94	15.68	17.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.08	17.15	17.05	18.20
15	QPSK	1	37	17.02	17.05	17.02	18.20
15	QPSK	1	74	17.02	16.95	17.05	18.20
15	QPSK	36	0	17.02	17.13	17.05	18.20
15	QPSK	36	20	17.00	16.98	16.92	18.20
15	QPSK	36	39	16.96	17.00	16.96	18.20
15	QPSK	75	0	16.97	16.97	17.01	18.20



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15	16QAM	1	0	17.06	17.01	17.06	18.20
15	16QAM	1	37	16.99	16.91	17.03	18.20
15	16QAM	1	74	16.95	17.03	17.00	18.20
15	16QAM	36	0	16.96	16.97	17.04	18.20
15	16QAM	36	20	17.07	16.95	16.95	18.20
15	16QAM	36	39	17.06	17.07	16.99	18.20
15	16QAM	75	0	16.93	17.07	16.94	18.20
15	64QAM	1	0	17.05	17.00	16.99	18.20
15	64QAM	1	37	17.02	17.10	16.95	18.20
15	64QAM	1	74	16.95	17.01	17.01	18.20
15	64QAM	36	0	16.98	17.07	17.00	18.20
15	64QAM	36	20	17.05	17.02	16.95	18.20
15	64QAM	36	39	17.03	16.96	16.95	18.20
15	64QAM	75	0	17.02	16.97	17.06	18.20
15	256QAM	1	0	15.78	15.91	15.51	17.00
15	256QAM	1	37	15.91	16.01	15.68	17.00
15	256QAM	1	74	15.72	15.97	15.70	17.00
15	256QAM	36	0	15.72	15.87	15.62	17.00
15	256QAM	36	20	15.67	15.85	15.68	17.00
15	256QAM	36	39	15.70	15.93	15.55	17.00
15	256QAM	75	0	15.68	15.89	15.66	17.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	17.02	17.06	17.10	18.20
10	QPSK	1	25	17.01	16.93	17.00	18.20
10	QPSK	1	49	17.06	17.06	16.98	18.20
10	QPSK	25	0	17.07	17.13	17.02	18.20
10	QPSK	25	12	17.00	17.03	17.01	18.20
10	QPSK	25	25	17.01	16.89	17.06	18.20
10	QPSK	50	0	16.95	17.07	16.93	18.20
10	16QAM	1	0	17.03	16.99	17.11	18.20
10	16QAM	1	25	17.00	17.00	17.05	18.20
10	16QAM	1	49	17.05	17.00	16.94	18.20
10	16QAM	25	0	16.98	16.96	16.98	18.20
10	16QAM	25	12	16.98	17.01	16.89	18.20
10	16QAM	25	25	16.99	16.95	16.99	18.20
10	16QAM	50	0	16.92	16.99	16.96	18.20
10	64QAM	1	0	17.02	16.91	16.96	18.20
10	64QAM	1	25	17.07	17.06	17.04	18.20
10	64QAM	1	49	16.95	17.04	16.96	18.20
10	64QAM	25	0	16.89	17.05	16.98	18.20
10	64QAM	25	12	16.99	17.01	17.04	18.20
10	64QAM	25	25	16.95	16.98	17.00	18.20
10	64QAM	50	0	17.10	16.99	16.98	18.20
10	256QAM	1	0	15.76	15.82	15.56	17.00
10	256QAM	1	25	15.86	16.01	15.69	17.00
10	256QAM	1	49	15.75	16.00	15.78	17.00
10	256QAM	25	0	15.68	15.83	15.62	17.00
10	256QAM	25	12	15.68	15.87	15.59	17.00
10	256QAM	25	25	15.73	15.89	15.49	17.00
10	256QAM	50	0	15.62	15.91	15.64	17.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	17.01	17.14	17.13	18.20
5	QPSK	1	12	17.04	17.01	16.96	18.20
5	QPSK	1	24	16.98	16.97	17.05	18.20
5	QPSK	12	0	16.99	17.13	17.09	18.20
5	QPSK	12	7	16.96	16.97	16.95	18.20
5	QPSK	12	13	16.97	16.98	17.08	18.20
5	QPSK	25	0	16.97	16.99	17.02	18.20
5	16QAM	1	0	17.01	17.07	17.07	18.20
5	16QAM	1	12	16.97	16.90	17.07	18.20
5	16QAM	1	24	17.00	16.98	16.95	18.20
5	16QAM	12	0	17.00	17.03	17.00	18.20
5	16QAM	12	7	17.07	16.95	16.92	18.20
5	16QAM	12	13	17.12	17.02	16.98	18.20
5	16QAM	25	0	17.02	17.01	16.97	18.20
5	64QAM	1	0	16.95	16.99	16.99	18.20
5	64QAM	1	12	16.96	17.05	17.03	18.20
5	64QAM	1	24	16.94	17.04	16.99	18.20
5	64QAM	12	0	17.00	17.00	16.95	18.20
5	64QAM	12	7	16.98	17.06	17.09	18.20
5	64QAM	12	13	17.01	16.95	17.01	18.20
5	64QAM	25	0	17.03	17.03	17.07	18.20
5	256QAM	1	0	15.79	15.93	15.55	17.00
5	256QAM	1	12	15.88	15.93	15.62	17.00
5	256QAM	1	24	15.78	15.95	15.73	17.00
5	256QAM	12	0	15.66	15.97	15.71	17.00



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5	256QAM	12	7	15.75	15.94	15.56	17.00
5	256QAM	12	13	15.67	15.97	15.61	17.00
5	256QAM	25	0	15.66	15.85	15.57	17.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	17.07	17.09	17.12	18.20
3	QPSK	1	8	16.93	17.01	16.97	18.20
3	QPSK	1	14	16.99	17.02	17.04	18.20
3	QPSK	8	0	17.06	17.03	17.04	18.20
3	QPSK	8	4	17.00	16.95	17.00	18.20
3	QPSK	8	7	16.96	17.00	17.06	18.20
3	QPSK	15	0	16.99	16.95	17.04	18.20
3	16QAM	1	0	17.06	17.08	17.13	18.20
3	16QAM	1	8	16.98	16.94	17.09	18.20
3	16QAM	1	14	16.93	17.07	16.90	18.20
3	16QAM	8	0	17.01	17.01	16.91	18.20
3	16QAM	8	4	17.02	17.00	16.97	18.20
3	16QAM	8	7	17.08	16.94	16.90	18.20
3	16QAM	15	0	17.01	17.06	16.90	18.20
3	64QAM	1	0	17.05	16.89	17.02	18.20
3	64QAM	1	8	17.05	16.99	16.94	18.20
3	64QAM	1	14	17.01	17.00	16.93	18.20
3	64QAM	8	0	17.01	16.98	16.97	18.20
3	64QAM	8	4	17.07	17.06	17.02	18.20
3	64QAM	8	7	17.02	16.90	16.93	18.20
3	64QAM	15	0	17.08	17.04	17.05	18.20
3	256QAM	1	0	15.75	15.83	15.60	17.00
3	256QAM	1	8	15.85	16.00	15.71	17.00
3	256QAM	1	14	15.74	15.91	15.69	17.00
3	256QAM	8	0	15.64	15.95	15.72	17.00
3	256QAM	8	4	15.74	15.92	15.59	17.00
3	256QAM	8	7	15.68	15.87	15.55	17.00
3	256QAM	15	0	15.57	15.85	15.55	17.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.07	17.10	17.17	18.20
1.4	QPSK	1	3	17.01	17.00	16.97	18.20
1.4	QPSK	1	5	17.11	16.97	17.00	18.20
1.4	QPSK	3	0	17.01	17.10	17.00	18.20
1.4	QPSK	3	1	17.06	16.99	17.00	18.20
1.4	QPSK	3	3	16.94	16.92	17.08	18.20
1.4	QPSK	6	0	16.99	16.97	16.96	18.20
1.4	16QAM	1	0	17.04	16.99	17.03	18.20
1.4	16QAM	1	3	16.93	16.99	16.95	18.20
1.4	16QAM	1	5	16.98	16.97	17.02	18.20
1.4	16QAM	3	0	17.06	16.97	16.90	18.20
1.4	16QAM	3	1	16.98	17.01	16.91	18.20
1.4	16QAM	3	3	17.09	16.99	16.97	18.20
1.4	16QAM	6	0	17.03	17.11	16.91	18.20
1.4	64QAM	1	0	17.07	16.93	16.92	18.20
1.4	64QAM	1	3	17.09	17.02	17.04	18.20
1.4	64QAM	1	5	16.95	17.04	16.89	18.20
1.4	64QAM	3	0	16.93	17.03	16.95	18.20
1.4	64QAM	3	1	16.97	17.08	17.06	18.20
1.4	64QAM	3	3	16.92	16.99	17.04	18.20
1.4	64QAM	6	0	17.00	16.97	17.06	18.20
1.4	256QAM	1	0	15.72	15.88	15.51	17.00
1.4	256QAM	1	3	15.86	15.98	15.59	17.00
1.4	256QAM	1	5	15.85	16.00	15.79	17.00
1.4	256QAM	3	0	15.68	15.95	15.63	17.00
1.4	256QAM	3	1	15.64	15.95	15.55	17.00
1.4	256QAM	3	3	15.70	15.89	15.50	17.00
1.4	256QAM	6	0	15.59	15.81	15.56	17.00



【LTE Band 25_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.71	18.72	18.68	20.10
20	QPSK	1	49	18.56	18.61	18.59	20.10
20	QPSK	1	99	18.56	18.62	18.56	20.10
20	QPSK	50	0	18.64	18.68	18.63	20.10
20	QPSK	50	24	18.62	18.60	18.60	20.10
20	QPSK	50	50	18.62	18.66	18.57	20.10
20	QPSK	100	0	18.58	18.64	18.55	20.10
20	16QAM	1	0	18.62	18.55	18.64	20.10
20	16QAM	1	49	18.58	18.60	18.58	20.10
20	16QAM	1	99	18.59	18.62	18.57	20.10
20	16QAM	50	0	18.55	18.56	18.62	20.10
20	16QAM	50	24	18.54	18.56	18.59	20.10
20	16QAM	50	50	18.62	18.64	18.59	20.10
20	16QAM	100	0	18.56	18.65	18.55	20.10
20	64QAM	1	0	18.62	18.58	18.57	20.10
20	64QAM	1	49	18.66	18.57	18.55	20.10
20	64QAM	1	99	18.63	18.55	18.64	20.10
20	64QAM	50	0	18.64	18.59	18.59	20.10
20	64QAM	50	24	18.66	18.65	18.60	20.10
20	64QAM	50	50	18.62	18.58	18.58	20.10
20	64QAM	100	0	18.58	18.60	18.64	20.10
20	256QAM	1	0	15.81	15.96	15.63	17.00
20	256QAM	1	49	15.94	16.08	15.73	17.00
20	256QAM	1	99	15.87	16.05	15.83	17.00
20	256QAM	50	0	15.76	15.98	15.73	17.00
20	256QAM	50	24	15.78	15.99	15.69	17.00
20	256QAM	50	50	15.75	15.98	15.64	17.00
20	256QAM	100	0	15.72	15.94	15.68	17.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.62	18.66	18.54	20.10
15	QPSK	1	37	18.54	18.52	18.57	20.10
15	QPSK	1	74	18.48	18.59	18.44	20.10
15	QPSK	36	0	18.59	18.60	18.62	20.10
15	QPSK	36	20	18.51	18.46	18.54	20.10
15	QPSK	36	39	18.57	18.53	18.45	20.10
15	QPSK	75	0	18.49	18.60	18.46	20.10
15	16QAM	1	0	18.61	18.48	18.52	20.10
15	16QAM	1	37	18.55	18.55	18.57	20.10
15	16QAM	1	74	18.56	18.48	18.51	20.10
15	16QAM	36	0	18.52	18.51	18.52	20.10
15	16QAM	36	20	18.52	18.50	18.48	20.10
15	16QAM	36	39	18.48	18.50	18.58	20.10
15	16QAM	75	0	18.49	18.57	18.43	20.10
15	64QAM	1	0	18.49	18.46	18.46	20.10
15	64QAM	1	37	18.60	18.50	18.54	20.10
15	64QAM	1	74	18.54	18.46	18.58	20.10
15	64QAM	36	0	18.55	18.44	18.46	20.10
15	64QAM	36	20	18.61	18.60	18.49	20.10
15	64QAM	36	39	18.53	18.56	18.49	20.10
15	64QAM	75	0	18.53	18.57	18.55	20.10
15	256QAM	1	0	15.78	15.92	15.55	17.00
15	256QAM	1	37	15.90	15.99	15.59	17.00
15	256QAM	1	74	15.81	15.94	15.78	17.00
15	256QAM	36	0	15.66	15.90	15.69	17.00
15	256QAM	36	20	15.65	15.88	15.59	17.00
15	256QAM	36	39	15.71	15.94	15.59	17.00
15	256QAM	75	0	15.60	15.92	15.62	17.00
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	18.65	18.59	18.65	20.10
10	QPSK	1	25	18.51	18.57	18.51	20.10
10	QPSK	1	49	18.53	18.53	18.49	20.10
10	QPSK	25	0	18.62	18.56	18.60	20.10
10	QPSK	25	12	18.48	18.47	18.58	20.10
10	QPSK	25	25	18.57	18.57	18.44	20.10
10	QPSK	50	0	18.47	18.53	18.52	20.10
10	16QAM	1	0	18.52	18.53	18.58	20.10
10	16QAM	1	25	18.50	18.52	18.52	20.10
10	16QAM	1	49	18.50	18.53	18.48	20.10
10	16QAM	25	0	18.54	18.54	18.59	20.10



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10	16QAM	25	12	18.52	18.50	18.48	20.10
10	16QAM	25	25	18.58	18.60	18.44	20.10
10	16QAM	50	0	18.46	18.63	18.45	20.10
10	64QAM	1	0	18.51	18.55	18.46	20.10
10	64QAM	1	25	18.55	18.52	18.52	20.10
10	64QAM	1	49	18.51	18.48	18.62	20.10
10	64QAM	25	0	18.52	18.57	18.55	20.10
10	64QAM	25	12	18.53	18.58	18.56	20.10
10	64QAM	25	25	18.54	18.46	18.50	20.10
10	64QAM	50	0	18.51	18.59	18.54	20.10
10	256QAM	1	0	15.77	15.92	15.54	17.00
10	256QAM	1	25	15.80	15.94	15.63	17.00
10	256QAM	1	49	15.83	16.04	15.72	17.00
10	256QAM	25	0	15.62	15.95	15.68	17.00
10	256QAM	25	12	15.63	15.90	15.55	17.00
10	256QAM	25	25	15.60	15.83	15.59	17.00
10	256QAM	50	0	15.63	15.86	15.65	17.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	18.59	18.59	18.57	20.10
5	QPSK	1	12	18.51	18.54	18.48	20.10
5	QPSK	1	24	18.53	18.55	18.43	20.10
5	QPSK	12	0	18.51	18.66	18.49	20.10
5	QPSK	12	7	18.50	18.48	18.51	20.10
5	QPSK	12	13	18.53	18.52	18.46	20.10
5	QPSK	25	0	18.47	18.60	18.48	20.10
5	16QAM	1	0	18.49	18.50	18.60	20.10
5	16QAM	1	12	18.51	18.46	18.55	20.10
5	16QAM	1	24	18.47	18.60	18.54	20.10
5	16QAM	12	0	18.40	18.47	18.61	20.10
5	16QAM	12	7	18.44	18.51	18.50	20.10
5	16QAM	12	13	18.54	18.58	18.55	20.10
5	16QAM	25	0	18.54	18.62	18.54	20.10
5	64QAM	1	0	18.57	18.56	18.42	20.10
5	64QAM	1	12	18.55	18.54	18.44	20.10
5	64QAM	1	24	18.58	18.47	18.62	20.10
5	64QAM	12	0	18.52	18.50	18.49	20.10
5	64QAM	12	7	18.53	18.59	18.56	20.10
5	64QAM	12	13	18.53	18.51	18.51	20.10
5	64QAM	25	0	18.47	18.54	18.49	20.10
5	256QAM	1	0	15.70	15.93	15.50	17.00
5	256QAM	1	12	15.88	15.96	15.67	17.00
5	256QAM	1	24	15.77	16.00	15.76	17.00
5	256QAM	12	0	15.62	15.89	15.69	17.00
5	256QAM	12	7	15.76	15.94	15.61	17.00
5	256QAM	12	13	15.67	15.97	15.61	17.00
5	256QAM	25	0	15.70	15.91	15.64	17.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	18.63	18.61	18.63	20.10
3	QPSK	1	8	18.54	18.47	18.51	20.10
3	QPSK	1	14	18.45	18.61	18.42	20.10
3	QPSK	8	0	18.58	18.53	18.56	20.10
3	QPSK	8	4	18.56	18.51	18.54	20.10
3	QPSK	8	7	18.52	18.59	18.48	20.10
3	QPSK	15	0	18.45	18.52	18.43	20.10
3	16QAM	1	0	18.58	18.52	18.57	20.10
3	16QAM	1	8	18.44	18.53	18.56	20.10
3	16QAM	1	14	18.49	18.60	18.45	20.10
3	16QAM	8	0	18.54	18.45	18.50	20.10
3	16QAM	8	4	18.49	18.42	18.57	20.10
3	16QAM	8	7	18.60	18.60	18.50	20.10
3	16QAM	15	0	18.54	18.51	18.51	20.10
3	64QAM	1	0	18.56	18.57	18.50	20.10
3	64QAM	1	8	18.63	18.56	18.40	20.10
3	64QAM	1	14	18.56	18.48	18.59	20.10
3	64QAM	8	0	18.63	18.57	18.49	20.10
3	64QAM	8	4	18.55	18.61	18.45	20.10
3	64QAM	8	7	18.51	18.50	18.55	20.10
3	64QAM	15	0	18.43	18.54	18.53	20.10
3	256QAM	1	0	15.68	15.83	15.56	17.00
3	256QAM	1	8	15.84	16.04	15.71	17.00
3	256QAM	1	14	15.84	16.04	15.72	17.00
3	256QAM	8	0	15.74	15.96	15.70	17.00
3	256QAM	8	4	15.67	15.91	15.65	17.00
3	256QAM	8	7	15.70	15.86	15.54	17.00
3	256QAM	15	0	15.62	15.88	15.58	17.00
Channel				26047	26340	26683	Tune-up limit



Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	18.66	18.64	18.57	20.10
1.4	QPSK	1	3	18.48	18.57	18.48	20.10
1.4	QPSK	1	5	18.48	18.59	18.54	20.10
1.4	QPSK	3	0	18.53	18.64	18.49	20.10
1.4	QPSK	3	1	18.58	18.57	18.57	20.10
1.4	QPSK	3	3	18.51	18.55	18.55	20.10
1.4	QPSK	6	0	18.56	18.51	18.42	20.10
1.4	16QAM	1	0	18.50	18.50	18.60	20.10
1.4	16QAM	1	3	18.49	18.48	18.55	20.10
1.4	16QAM	1	5	18.57	18.58	18.52	20.10
1.4	16QAM	3	0	18.44	18.52	18.58	20.10
1.4	16QAM	3	1	18.48	18.44	18.45	20.10
1.4	16QAM	3	3	18.47	18.57	18.52	20.10
1.4	16QAM	6	0	18.54	18.56	18.42	20.10
1.4	64QAM	1	0	18.52	18.44	18.55	20.10
1.4	64QAM	1	3	18.52	18.52	18.48	20.10
1.4	64QAM	1	5	18.50	18.47	18.56	20.10
1.4	64QAM	3	0	18.63	18.52	18.47	20.10
1.4	64QAM	3	1	18.53	18.63	18.57	20.10
1.4	64QAM	3	3	18.50	18.43	18.51	20.10
1.4	64QAM	6	0	18.53	18.48	18.57	20.10
1.4	256QAM	1	0	15.73	15.93	15.57	17.00
1.4	256QAM	1	3	15.89	15.95	15.59	17.00
1.4	256QAM	1	5	15.76	15.90	15.79	17.00
1.4	256QAM	3	0	15.67	15.90	15.60	17.00
1.4	256QAM	3	1	15.70	15.95	15.57	17.00
1.4	256QAM	3	3	15.69	15.89	15.55	17.00
1.4	256QAM	6	0	15.64	15.91	15.55	17.00

【LTE Band 25_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.03	21.19	21.08	22.00
20	QPSK	1	49	20.77	21.03	20.74	22.00
20	QPSK	1	99	20.73	21.04	20.75	22.00
20	QPSK	50	0	19.83	20.04	19.69	21.00
20	QPSK	50	24	19.83	20.01	19.61	21.00
20	QPSK	50	50	19.79	20.01	19.61	21.00
20	QPSK	100	0	19.79	19.99	19.66	21.00
20	16QAM	1	0	20.03	20.21	19.88	21.00
20	16QAM	1	49	20.11	20.29	19.96	21.00
20	16QAM	1	99	20.04	20.27	19.89	21.00
20	16QAM	50	0	18.68	18.97	18.62	20.00
20	16QAM	50	24	18.80	18.99	18.64	20.00
20	16QAM	50	50	18.73	18.98	18.65	20.00
20	16QAM	100	0	18.72	18.99	18.69	20.00
20	64QAM	1	0	18.75	19.04	18.75	20.00
20	64QAM	1	49	18.95	19.13	18.84	20.00
20	64QAM	1	99	18.93	19.14	18.82	20.00
20	64QAM	50	0	17.79	17.96	17.63	19.00
20	64QAM	50	24	17.77	18.02	17.72	19.00
20	64QAM	50	50	17.74	17.99	17.71	19.00
20	64QAM	100	0	17.69	17.97	17.60	19.00
20	256QAM	1	0	15.81	15.96	15.63	17.00
20	256QAM	1	49	15.94	16.08	15.73	17.00
20	256QAM	1	99	15.87	16.05	15.83	17.00
20	256QAM	50	0	15.76	15.98	15.73	17.00
20	256QAM	50	24	15.78	15.99	15.69	17.00
20	256QAM	50	50	15.75	15.98	15.64	17.00
20	256QAM	100	0	15.72	15.94	15.68	17.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.81	21.07	20.75	22.00
15	QPSK	1	37	20.70	20.94	20.70	22.00
15	QPSK	1	74	20.68	21.00	20.69	22.00
15	QPSK	36	0	19.69	20.02	19.66	21.00
15	QPSK	36	20	19.80	19.90	19.55	21.00
15	QPSK	36	39	19.75	19.90	19.54	21.00
15	QPSK	75	0	19.65	19.89	19.64	21.00



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15	16QAM	1	0	19.96	20.07	19.80	21.00
15	16QAM	1	37	20.07	20.26	19.86	21.00
15	16QAM	1	74	20.03	20.18	19.74	21.00
15	16QAM	36	0	18.62	18.90	18.58	20.00
15	16QAM	36	20	18.66	18.90	18.63	20.00
15	16QAM	36	39	18.68	18.94	18.55	20.00
15	16QAM	75	0	18.62	18.89	18.58	20.00
15	64QAM	1	0	18.66	18.96	18.73	20.00
15	64QAM	1	37	18.81	18.98	18.79	20.00
15	64QAM	1	74	18.79	19.05	18.75	20.00
15	64QAM	36	0	17.70	17.86	17.55	19.00
15	64QAM	36	20	17.66	17.94	17.62	19.00
15	64QAM	36	39	17.73	17.88	17.66	19.00
15	64QAM	75	0	17.63	17.92	17.57	19.00
15	256QAM	1	0	15.78	15.91	15.51	17.00
15	256QAM	1	37	15.91	16.01	15.68	17.00
15	256QAM	1	74	15.72	15.97	15.70	17.00
15	256QAM	36	0	15.72	15.87	15.62	17.00
15	256QAM	36	20	15.67	15.85	15.68	17.00
15	256QAM	36	39	15.70	15.93	15.55	17.00
15	256QAM	75	0	15.68	15.89	15.66	17.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	20.85	21.03	20.67	22.00
10	QPSK	1	25	20.66	20.97	20.63	22.00
10	QPSK	1	49	20.60	20.92	20.65	22.00
10	QPSK	25	0	19.73	19.95	19.61	21.00
10	QPSK	25	12	19.76	19.94	19.52	21.00
10	QPSK	25	25	19.71	19.86	19.57	21.00
10	QPSK	50	0	19.65	19.87	19.54	21.00
10	16QAM	1	0	19.96	20.15	19.78	21.00
10	16QAM	1	25	20.00	20.22	19.85	21.00
10	16QAM	1	49	19.99	20.15	19.84	21.00
10	16QAM	25	0	18.57	18.93	18.51	20.00
10	16QAM	25	12	18.79	18.88	18.56	20.00
10	16QAM	25	25	18.70	18.86	18.58	20.00
10	16QAM	50	0	18.59	18.88	18.60	20.00
10	64QAM	1	0	18.67	18.93	18.73	20.00
10	64QAM	1	25	18.81	19.10	18.82	20.00
10	64QAM	1	49	18.82	19.04	18.69	20.00
10	64QAM	25	0	17.72	17.92	17.56	19.00
10	64QAM	25	12	17.70	17.95	17.59	19.00
10	64QAM	25	25	17.61	17.88	17.62	19.00
10	64QAM	50	0	17.66	17.93	17.48	19.00
10	256QAM	1	0	15.76	15.82	15.56	17.00
10	256QAM	1	25	15.86	16.01	15.69	17.00
10	256QAM	1	49	15.75	16.00	15.78	17.00
10	256QAM	25	0	15.68	15.83	15.62	17.00
10	256QAM	25	12	15.68	15.87	15.59	17.00
10	256QAM	25	25	15.73	15.89	15.49	17.00
10	256QAM	50	0	15.62	15.91	15.64	17.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	20.83	20.94	20.70	22.00
5	QPSK	1	12	20.64	20.90	20.64	22.00
5	QPSK	1	24	20.61	20.95	20.64	22.00
5	QPSK	12	0	19.72	19.91	19.60	21.00
5	QPSK	12	7	19.77	19.88	19.50	21.00
5	QPSK	12	13	19.77	19.93	19.50	21.00
5	QPSK	25	0	19.77	19.97	19.64	21.00
5	16QAM	1	0	19.88	20.15	19.77	21.00
5	16QAM	1	12	20.06	20.26	19.82	21.00
5	16QAM	1	24	19.94	20.14	19.82	21.00
5	16QAM	12	0	18.54	18.86	18.61	20.00
5	16QAM	12	7	18.72	18.93	18.50	20.00
5	16QAM	12	13	18.62	18.97	18.56	20.00
5	16QAM	25	0	18.63	18.85	18.55	20.00
5	64QAM	1	0	18.61	18.94	18.71	20.00
5	64QAM	1	12	18.86	19.10	18.80	20.00
5	64QAM	1	24	18.88	19.11	18.71	20.00
5	64QAM	12	0	17.74	17.87	17.52	19.00
5	64QAM	12	7	17.62	18.01	17.64	19.00
5	64QAM	12	13	17.62	17.88	17.60	19.00
5	64QAM	25	0	17.62	17.94	17.48	19.00
5	256QAM	1	0	15.79	15.93	15.55	17.00
5	256QAM	1	12	15.88	15.93	15.62	17.00
5	256QAM	1	24	15.78	15.95	15.73	17.00
5	256QAM	12	0	15.66	15.97	15.71	17.00



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5	256QAM	12	7	15.75	15.94	15.56	17.00
5	256QAM	12	13	15.67	15.97	15.61	17.00
5	256QAM	25	0	15.66	15.85	15.57	17.00
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	20.83	20.87	20.68	22.00
3	QPSK	1	8	20.68	20.98	20.60	22.00
3	QPSK	1	14	20.72	21.00	20.65	22.00
3	QPSK	8	0	19.82	20.03	19.61	21.00
3	QPSK	8	4	19.75	19.88	19.56	21.00
3	QPSK	8	7	19.69	19.97	19.54	21.00
3	QPSK	15	0	19.67	19.98	19.53	21.00
3	16QAM	1	0	19.97	20.14	19.86	21.00
3	16QAM	1	8	19.99	20.24	19.88	21.00
3	16QAM	1	14	19.93	20.25	19.87	21.00
3	16QAM	8	0	18.63	18.85	18.52	20.00
3	16QAM	8	4	18.74	18.95	18.54	20.00
3	16QAM	8	7	18.72	18.86	18.62	20.00
3	16QAM	15	0	18.66	18.95	18.58	20.00
3	64QAM	1	0	18.67	18.96	18.71	20.00
3	64QAM	1	8	18.93	19.01	18.74	20.00
3	64QAM	1	14	18.83	19.03	18.75	20.00
3	64QAM	8	0	17.78	17.83	17.61	19.00
3	64QAM	8	4	17.73	17.97	17.69	19.00
3	64QAM	8	7	17.66	17.97	17.67	19.00
3	64QAM	15	0	17.59	17.86	17.52	19.00
3	256QAM	1	0	15.75	15.83	15.60	17.00
3	256QAM	1	8	15.85	16.00	15.71	17.00
3	256QAM	1	14	15.74	15.91	15.69	17.00
3	256QAM	8	0	15.64	15.95	15.72	17.00
3	256QAM	8	4	15.74	15.92	15.59	17.00
3	256QAM	8	7	15.68	15.87	15.55	17.00
3	256QAM	15	0	15.57	15.85	15.55	17.00
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.78	20.91	20.73	22.00
1.4	QPSK	1	3	20.68	21.00	20.60	22.00
1.4	QPSK	1	5	20.64	20.93	20.69	22.00
1.4	QPSK	3	0	20.74	20.93	20.63	22.00
1.4	QPSK	3	1	20.79	20.93	20.55	22.00
1.4	QPSK	3	3	20.70	20.94	20.51	22.00
1.4	QPSK	6	0	19.74	19.85	19.61	21.00
1.4	16QAM	1	0	19.94	20.12	19.76	21.00
1.4	16QAM	1	3	20.05	20.19	19.88	21.00
1.4	16QAM	1	5	19.99	20.15	19.79	21.00
1.4	16QAM	3	0	19.64	19.82	19.48	21.00
1.4	16QAM	3	1	19.77	19.97	19.54	21.00
1.4	16QAM	3	3	19.70	19.96	19.56	21.00
1.4	16QAM	6	0	18.70	18.86	18.59	20.00
1.4	64QAM	1	0	18.72	18.99	18.61	20.00
1.4	64QAM	1	3	18.91	19.10	18.72	20.00
1.4	64QAM	1	5	18.80	19.02	18.75	20.00
1.4	64QAM	3	0	18.72	18.85	18.49	20.00
1.4	64QAM	3	1	18.72	18.91	18.62	20.00
1.4	64QAM	3	3	18.68	18.97	18.64	20.00
1.4	64QAM	6	0	17.62	17.85	17.59	19.00
1.4	256QAM	1	0	15.72	15.88	15.51	17.00
1.4	256QAM	1	3	15.86	15.98	15.59	17.00
1.4	256QAM	1	5	15.85	16.00	15.79	17.00
1.4	256QAM	3	0	15.68	15.95	15.63	17.00
1.4	256QAM	3	1	15.64	15.95	15.55	17.00
1.4	256QAM	3	3	15.70	15.89	15.50	17.00
1.4	256QAM	6	0	15.59	15.81	15.56	17.00



【LTE Band 25_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.56	20.59	20.56	21.40
20	QPSK	1	49	20.47	20.53	20.47	21.40
20	QPSK	1	99	20.47	20.51	20.50	21.40
20	QPSK	50	0	20.54	20.55	20.53	20.90
20	QPSK	50	24	20.53	20.52	20.50	20.90
20	QPSK	50	50	20.48	20.47	20.48	20.90
20	QPSK	100	0	20.52	20.54	20.50	20.90
20	16QAM	1	0	20.03	20.21	19.88	20.90
20	16QAM	1	49	20.11	20.29	19.96	20.90
20	16QAM	1	99	20.04	20.27	19.89	20.90
20	16QAM	50	0	18.68	18.97	18.62	19.90
20	16QAM	50	24	18.80	18.99	18.64	19.90
20	16QAM	50	50	18.73	18.98	18.65	19.90
20	16QAM	100	0	18.72	18.99	18.69	19.90
20	64QAM	1	0	18.75	19.04	18.75	19.90
20	64QAM	1	49	18.95	19.13	18.84	19.90
20	64QAM	1	99	18.93	19.14	18.82	19.90
20	64QAM	50	0	17.79	17.96	17.63	18.90
20	64QAM	50	24	17.77	18.02	17.72	18.90
20	64QAM	50	50	17.74	17.99	17.71	18.90
20	64QAM	100	0	17.69	17.97	17.60	18.90
20	256QAM	1	0	15.81	15.96	15.63	16.90
20	256QAM	1	49	15.94	16.08	15.73	16.90
20	256QAM	1	99	15.87	16.05	15.83	16.90
20	256QAM	50	0	15.76	15.98	15.73	16.90
20	256QAM	50	24	15.78	15.99	15.69	16.90
20	256QAM	50	50	15.75	15.98	15.64	16.90
20	256QAM	100	0	15.72	15.94	15.68	16.90
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.44	20.45	20.54	21.40
15	QPSK	1	37	20.34	20.38	20.44	21.40
15	QPSK	1	74	20.46	20.39	20.38	21.40
15	QPSK	36	0	20.50	20.44	20.38	20.90
15	QPSK	36	20	20.51	20.51	20.49	20.90
15	QPSK	36	39	20.36	20.40	20.45	20.90
15	QPSK	75	0	20.48	20.43	20.38	20.90
15	16QAM	1	0	19.97	20.12	19.77	20.90
15	16QAM	1	37	20.08	20.14	19.93	20.90
15	16QAM	1	74	19.94	20.22	19.83	20.90
15	16QAM	36	0	18.57	18.93	18.56	19.90
15	16QAM	36	20	18.76	18.86	18.52	19.90
15	16QAM	36	39	18.62	18.91	18.51	19.90
15	16QAM	75	0	18.57	18.97	18.61	19.90
15	64QAM	1	0	18.72	18.95	18.70	19.90
15	64QAM	1	37	18.86	19.10	18.81	19.90
15	64QAM	1	74	18.89	19.10	18.71	19.90
15	64QAM	36	0	17.67	17.83	17.53	18.90
15	64QAM	36	20	17.67	17.99	17.64	18.90
15	64QAM	36	39	17.72	17.86	17.61	18.90
15	64QAM	75	0	17.63	17.83	17.49	18.90
15	256QAM	1	0	15.79	15.86	15.49	16.90
15	256QAM	1	37	15.85	16.06	15.58	16.90
15	256QAM	1	74	15.72	16.01	15.76	16.90
15	256QAM	36	0	15.65	15.93	15.62	16.90
15	256QAM	36	20	15.76	15.85	15.59	16.90
15	256QAM	36	39	15.68	15.91	15.58	16.90
15	256QAM	75	0	15.67	15.81	15.58	16.90
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.48	20.49	20.44	21.40
10	QPSK	1	25	20.35	20.50	20.35	21.40
10	QPSK	1	49	20.33	20.48	20.42	21.40
10	QPSK	25	0	20.45	20.45	20.51	20.90
10	QPSK	25	12	20.43	20.44	20.36	20.90
10	QPSK	25	25	20.38	20.41	20.38	20.90
10	QPSK	50	0	20.42	20.52	20.37	20.90
10	16QAM	1	0	20.01	20.14	19.77	20.90
10	16QAM	1	25	19.99	20.25	19.85	20.90
10	16QAM	1	49	19.94	20.17	19.83	20.90
10	16QAM	25	0	18.57	18.90	18.51	19.90



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10	16QAM	25	12	18.70	18.97	18.61	19.90
10	16QAM	25	25	18.61	18.91	18.53	19.90
10	16QAM	50	0	18.61	18.91	18.67	19.90
10	64QAM	1	0	18.67	18.96	18.69	19.90
10	64QAM	1	25	18.86	19.04	18.82	19.90
10	64QAM	1	49	18.81	19.06	18.74	19.90
10	64QAM	25	0	17.72	17.86	17.56	18.90
10	64QAM	25	12	17.70	17.96	17.61	18.90
10	64QAM	25	25	17.69	17.88	17.60	18.90
10	64QAM	50	0	17.56	17.87	17.56	18.90
10	256QAM	1	0	15.71	15.85	15.60	16.90
10	256QAM	1	25	15.80	15.97	15.59	16.90
10	256QAM	1	49	15.82	16.00	15.73	16.90
10	256QAM	25	0	15.62	15.87	15.61	16.90
10	256QAM	25	12	15.73	15.97	15.62	16.90
10	256QAM	25	25	15.61	15.88	15.56	16.90
10	256QAM	50	0	15.58	15.93	15.56	16.90
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	20.47	20.57	20.50	21.40
5	QPSK	1	12	20.38	20.40	20.38	21.40
5	QPSK	1	24	20.41	20.40	20.46	21.40
5	QPSK	12	0	20.51	20.52	20.47	20.90
5	QPSK	12	7	20.39	20.47	20.35	20.90
5	QPSK	12	13	20.46	20.33	20.40	20.90
5	QPSK	25	0	20.48	20.47	20.40	20.90
5	16QAM	1	0	19.94	20.18	19.84	20.90
5	16QAM	1	12	19.99	20.25	19.86	20.90
5	16QAM	1	24	19.90	20.21	19.88	20.90
5	16QAM	12	0	18.57	18.94	18.56	19.90
5	16QAM	12	7	18.73	18.87	18.61	19.90
5	16QAM	12	13	18.70	18.84	18.58	19.90
5	16QAM	25	0	18.66	18.96	18.63	19.90
5	64QAM	1	0	18.65	18.91	18.66	19.90
5	64QAM	1	12	18.86	19.01	18.71	19.90
5	64QAM	1	24	18.83	19.09	18.78	19.90
5	64QAM	12	0	17.76	17.91	17.60	18.90
5	64QAM	12	7	17.72	17.97	17.67	18.90
5	64QAM	12	13	17.62	17.94	17.57	18.90
5	64QAM	25	0	17.64	17.87	17.58	18.90
5	256QAM	1	0	15.77	15.90	15.60	16.90
5	256QAM	1	12	15.84	16.03	15.69	16.90
5	256QAM	1	24	15.76	15.95	15.80	16.90
5	256QAM	12	0	15.67	15.95	15.70	16.90
5	256QAM	12	7	15.71	15.85	15.64	16.90
5	256QAM	12	13	15.73	15.89	15.55	16.90
5	256QAM	25	0	15.65	15.80	15.66	16.90
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	20.54	20.45	20.44	21.40
3	QPSK	1	8	20.46	20.40	20.46	21.40
3	QPSK	1	14	20.43	20.39	20.41	21.40
3	QPSK	8	0	20.50	20.43	20.43	20.90
3	QPSK	8	4	20.51	20.39	20.48	20.90
3	QPSK	8	7	20.36	20.41	20.36	20.90
3	QPSK	15	0	20.48	20.47	20.37	20.90
3	16QAM	1	0	19.91	20.08	19.76	20.90
3	16QAM	1	8	20.02	20.27	19.89	20.90
3	16QAM	1	14	19.94	20.24	19.80	20.90
3	16QAM	8	0	18.59	18.92	18.55	19.90
3	16QAM	8	4	18.66	18.90	18.63	19.90
3	16QAM	8	7	18.65	18.93	18.52	19.90
3	16QAM	15	0	18.63	18.97	18.57	19.90
3	64QAM	1	0	18.66	18.97	18.67	19.90
3	64QAM	1	8	18.90	18.99	18.73	19.90
3	64QAM	1	14	18.88	19.08	18.79	19.90
3	64QAM	8	0	17.70	17.85	17.57	18.90
3	64QAM	8	4	17.65	17.89	17.65	18.90
3	64QAM	8	7	17.62	17.95	17.70	18.90
3	64QAM	15	0	17.60	17.84	17.49	18.90
3	256QAM	1	0	15.69	15.87	15.48	16.90
3	256QAM	1	8	15.87	16.00	15.72	16.90
3	256QAM	1	14	15.80	15.94	15.78	16.90
3	256QAM	8	0	15.61	15.88	15.71	16.90
3	256QAM	8	4	15.71	15.96	15.54	16.90
3	256QAM	8	7	15.65	15.91	15.49	16.90
3	256QAM	15	0	15.62	15.87	15.65	16.90
Channel				26047	26340	26683	Tune-up limit



Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	20.53	20.51	20.46	21.40
1.4	QPSK	1	3	20.35	20.49	20.43	21.40
1.4	QPSK	1	5	20.37	20.38	20.39	21.40
1.4	QPSK	3	0	21.01	21.03	20.94	21.40
1.4	QPSK	3	1	20.95	20.92	20.93	21.40
1.4	QPSK	3	3	20.94	20.93	20.87	21.40
1.4	QPSK	6	0	20.50	20.41	20.40	20.90
1.4	16QAM	1	0	19.97	20.13	19.86	20.90
1.4	16QAM	1	3	20.05	20.20	19.95	20.90
1.4	16QAM	1	5	19.99	20.14	19.87	20.90
1.4	16QAM	3	0	19.62	19.90	19.59	20.90
1.4	16QAM	3	1	19.74	19.96	19.53	20.90
1.4	16QAM	3	3	19.65	19.88	19.64	20.90
1.4	16QAM	6	0	18.58	18.91	18.59	19.90
1.4	64QAM	1	0	18.61	19.01	18.69	19.90
1.4	64QAM	1	3	18.84	19.05	18.77	19.90
1.4	64QAM	1	5	18.88	19.11	18.72	19.90
1.4	64QAM	3	0	18.68	18.92	18.61	19.90
1.4	64QAM	3	1	18.67	18.97	18.67	19.90
1.4	64QAM	3	3	18.67	18.95	18.68	19.90
1.4	64QAM	6	0	17.65	17.83	17.48	18.90
1.4	256QAM	1	0	15.71	15.92	15.62	16.90
1.4	256QAM	1	3	15.84	15.95	15.59	16.90
1.4	256QAM	1	5	15.82	15.96	15.77	16.90
1.4	256QAM	3	0	15.71	15.87	15.59	16.90
1.4	256QAM	3	1	15.71	15.84	15.54	16.90
1.4	256QAM	3	3	15.69	15.85	15.59	16.90
1.4	256QAM	6	0	15.68	15.81	15.56	16.90

【LTE Band 25_Ant 4_ECI 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				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	15.60	15.65	15.61	16.70
20	QPSK	1	49	15.54	15.50	15.60	16.70
20	QPSK	1	99	15.53	15.57	15.58	16.70
20	QPSK	50	0	15.56	15.62	15.59	16.70
20	QPSK	50	24	15.49	15.50	15.50	16.70
20	QPSK	50	50	15.52	15.54	15.54	16.70
20	QPSK	100	0	15.52	15.58	15.54	16.70
20	16QAM	1	0	15.50	15.58	15.59	16.70
20	16QAM	1	49	15.60	15.53	15.55	16.70
20	16QAM	1	99	15.60	15.55	15.50	16.70
20	16QAM	50	0	15.59	15.57	15.58	16.70
20	16QAM	50	24	15.53	15.52	15.55	16.70
20	16QAM	50	50	15.60	15.61	15.52	16.70
20	16QAM	100	0	15.57	15.61	15.55	16.70
20	64QAM	1	0	15.50	15.54	15.54	16.70
20	64QAM	1	49	15.60	15.53	15.51	16.70
20	64QAM	1	99	15.54	15.56	15.57	16.70
20	64QAM	50	0	15.52	15.52	15.53	16.70
20	64QAM	50	24	15.58	15.57	15.49	16.70
20	64QAM	50	50	15.61	15.57	15.55	16.70
20	64QAM	100	0	15.61	15.53	15.58	16.70
20	256QAM	1	0	15.49	15.55	15.57	16.70
20	256QAM	1	49	15.52	15.57	15.52	16.70
20	256QAM	1	99	15.57	15.60	15.52	16.70
20	256QAM	50	0	15.60	15.58	15.50	16.70
20	256QAM	50	24	15.56	15.54	15.54	16.70
20	256QAM	50	50	15.56	15.50	15.53	16.70
20	256QAM	100	0	15.59	15.60	15.61	16.70
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	15.47	15.62	15.60	16.70
15	QPSK	1	37	15.51	15.45	15.49	16.70
15	QPSK	1	74	15.49	15.52	15.49	16.70
15	QPSK	36	0	15.53	15.59	15.53	16.70
15	QPSK	36	20	15.47	15.44	15.35	16.70
15	QPSK	36	39	15.37	15.42	15.50	16.70
15	QPSK	75	0	15.45	15.50	15.48	16.70



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15	16QAM	1	0	15.49	15.55	15.45	16.70
15	16QAM	1	37	15.47	15.39	15.45	16.70
15	16QAM	1	74	15.58	15.47	15.44	16.70
15	16QAM	36	0	15.49	15.51	15.49	16.70
15	16QAM	36	20	15.44	15.38	15.49	16.70
15	16QAM	36	39	15.47	15.54	15.50	16.70
15	16QAM	75	0	15.44	15.55	15.49	16.70
15	64QAM	1	0	15.44	15.51	15.52	16.70
15	64QAM	1	37	15.59	15.48	15.41	16.70
15	64QAM	1	74	15.47	15.44	15.54	16.70
15	64QAM	36	0	15.48	15.38	15.41	16.70
15	64QAM	36	20	15.48	15.45	15.42	16.70
15	64QAM	36	39	15.51	15.52	15.44	16.70
15	64QAM	75	0	15.54	15.48	15.50	16.70
15	256QAM	1	0	15.42	15.54	15.45	16.70
15	256QAM	1	37	15.40	15.53	15.49	16.70
15	256QAM	1	74	15.55	15.56	15.45	16.70
15	256QAM	36	0	15.59	15.45	15.47	16.70
15	256QAM	36	20	15.48	15.43	15.46	16.70
15	256QAM	36	39	15.46	15.47	15.41	16.70
15	256QAM	75	0	15.47	15.50	15.50	16.70
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	15.56	15.57	15.57	16.70
10	QPSK	1	25	15.43	15.40	15.56	16.70
10	QPSK	1	49	15.42	15.47	15.45	16.70
10	QPSK	25	0	15.49	15.51	15.52	16.70
10	QPSK	25	12	15.40	15.37	15.47	16.70
10	QPSK	25	25	15.46	15.48	15.40	16.70
10	QPSK	50	0	15.41	15.49	15.47	16.70
10	16QAM	1	0	15.42	15.53	15.48	16.70
10	16QAM	1	25	15.59	15.46	15.43	16.70
10	16QAM	1	49	15.58	15.44	15.40	16.70
10	16QAM	25	0	15.57	15.53	15.45	16.70
10	16QAM	25	12	15.49	15.38	15.42	16.70
10	16QAM	25	25	15.58	15.57	15.40	16.70
10	16QAM	50	0	15.52	15.54	15.47	16.70
10	64QAM	1	0	15.45	15.39	15.40	16.70
10	64QAM	1	25	15.51	15.43	15.37	16.70
10	64QAM	1	49	15.43	15.45	15.46	16.70
10	64QAM	25	0	15.38	15.47	15.50	16.70
10	64QAM	25	12	15.48	15.55	15.37	16.70
10	64QAM	25	25	15.51	15.54	15.43	16.70
10	64QAM	50	0	15.48	15.52	15.51	16.70
10	256QAM	1	0	15.41	15.48	15.44	16.70
10	256QAM	1	25	15.40	15.53	15.38	16.70
10	256QAM	1	49	15.45	15.59	15.41	16.70
10	256QAM	25	0	15.47	15.46	15.37	16.70
10	256QAM	25	12	15.43	15.41	15.47	16.70
10	256QAM	25	25	15.45	15.37	15.44	16.70
10	256QAM	50	0	15.56	15.49	15.55	16.70
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	15.59	15.60	15.53	16.70
5	QPSK	1	12	15.44	15.35	15.55	16.70
5	QPSK	1	24	15.39	15.42	15.57	16.70
5	QPSK	12	0	15.44	15.55	15.57	16.70
5	QPSK	12	7	15.43	15.40	15.42	16.70
5	QPSK	12	13	15.42	15.46	15.40	16.70
5	QPSK	25	0	15.39	15.53	15.39	16.70
5	16QAM	1	0	15.37	15.50	15.57	16.70
5	16QAM	1	12	15.50	15.49	15.44	16.70
5	16QAM	1	24	15.53	15.46	15.43	16.70
5	16QAM	12	0	15.51	15.54	15.43	16.70
5	16QAM	12	7	15.39	15.41	15.49	16.70
5	16QAM	12	13	15.50	15.47	15.48	16.70
5	16QAM	25	0	15.51	15.55	15.48	16.70
5	64QAM	1	0	15.35	15.43	15.42	16.70
5	64QAM	1	12	15.49	15.46	15.38	16.70
5	64QAM	1	24	15.53	15.46	15.45	16.70
5	64QAM	12	0	15.46	15.41	15.39	16.70
5	64QAM	12	7	15.50	15.50	15.48	16.70
5	64QAM	12	13	15.58	15.48	15.53	16.70
5	64QAM	25	0	15.59	15.48	15.47	16.70
5	256QAM	1	0	15.40	15.42	15.46	16.70
5	256QAM	1	12	15.48	15.46	15.38	16.70
5	256QAM	1	24	15.52	15.56	15.49	16.70
5	256QAM	12	0	15.46	15.50	15.43	16.70



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5	256QAM	12	7	15.42	15.47	15.44	16.70
5	256QAM	12	13	15.43	15.40	15.52	16.70
5	256QAM	25	0	15.46	15.45	15.50	16.70
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	15.48	15.51	15.59	16.70
3	QPSK	1	8	15.49	15.36	15.55	16.70
3	QPSK	1	14	15.39	15.46	15.52	16.70
3	QPSK	8	0	15.45	15.53	15.56	16.70
3	QPSK	8	4	15.38	15.45	15.37	16.70
3	QPSK	8	7	15.41	15.49	15.52	16.70
3	QPSK	15	0	15.47	15.48	15.53	16.70
3	16QAM	1	0	15.46	15.56	15.49	16.70
3	16QAM	1	8	15.55	15.41	15.45	16.70
3	16QAM	1	14	15.54	15.49	15.44	16.70
3	16QAM	8	0	15.52	15.52	15.48	16.70
3	16QAM	8	4	15.49	15.45	15.44	16.70
3	16QAM	8	7	15.48	15.52	15.43	16.70
3	16QAM	15	0	15.51	15.54	15.42	16.70
3	64QAM	1	0	15.40	15.46	15.52	16.70
3	64QAM	1	8	15.47	15.46	15.47	16.70
3	64QAM	1	14	15.41	15.49	15.54	16.70
3	64QAM	8	0	15.40	15.44	15.46	16.70
3	64QAM	8	4	15.51	15.53	15.43	16.70
3	64QAM	8	7	15.46	15.48	15.53	16.70
3	64QAM	15	0	15.55	15.39	15.56	16.70
3	256QAM	1	0	15.42	15.49	15.46	16.70
3	256QAM	1	8	15.50	15.51	15.50	16.70
3	256QAM	1	14	15.55	15.59	15.39	16.70
3	256QAM	8	0	15.51	15.50	15.39	16.70
3	256QAM	8	4	15.55	15.40	15.48	16.70
3	256QAM	8	7	15.54	15.37	15.40	16.70
3	256QAM	15	0	15.53	15.56	15.49	16.70
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	15.47	15.52	15.49	16.70
1.4	QPSK	1	3	15.47	15.43	15.56	16.70
1.4	QPSK	1	5	15.44	15.48	15.54	16.70
1.4	QPSK	3	0	15.44	15.59	15.50	16.70
1.4	QPSK	3	1	15.45	15.38	15.40	16.70
1.4	QPSK	3	3	15.42	15.46	15.49	16.70
1.4	QPSK	6	0	15.49	15.52	15.42	16.70
1.4	16QAM	1	0	15.36	15.53	15.46	16.70
1.4	16QAM	1	3	15.49	15.40	15.50	16.70
1.4	16QAM	1	5	15.50	15.49	15.44	16.70
1.4	16QAM	3	0	15.50	15.54	15.45	16.70
1.4	16QAM	3	1	15.51	15.41	15.51	16.70
1.4	16QAM	3	3	15.54	15.53	15.46	16.70
1.4	16QAM	6	0	15.55	15.49	15.42	16.70
1.4	64QAM	1	0	15.41	15.52	15.47	16.70
1.4	64QAM	1	3	15.58	15.44	15.46	16.70
1.4	64QAM	1	5	15.52	15.41	15.51	16.70
1.4	64QAM	3	0	15.45	15.46	15.43	16.70
1.4	64QAM	3	1	15.49	15.53	15.42	16.70
1.4	64QAM	3	3	15.55	15.52	15.47	16.70
1.4	64QAM	6	0	15.50	15.49	15.50	16.70
1.4	256QAM	1	0	10.36	10.51	10.46	11.70
1.4	256QAM	1	3	10.50	10.43	10.47	11.70
1.4	256QAM	1	5	10.44	10.48	10.41	11.70
1.4	256QAM	3	0	10.55	10.55	10.42	11.70
1.4	256QAM	3	1	10.54	10.44	10.48	11.70
1.4	256QAM	3	3	10.42	10.46	10.48	11.70
1.4	256QAM	6	0	10.51	10.57	10.52	11.70

**【LTE Band 26_FCC (814~849MHz)_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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00
5	16QAM	12	0	20.05	20.24	20.02	22.00



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5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00

**【LTE Band 26__FCC (814~849MHz)_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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.49	23.69	23.42	24.00
15	QPSK	1	37	23.36	23.49	23.37	24.00
15	QPSK	1	74	23.43	23.58	23.40	24.00
15	QPSK	36	0	22.48	22.61	22.52	23.00
15	QPSK	36	20	22.43	22.48	22.48	23.00
15	QPSK	36	39	22.43	22.47	22.32	23.00
15	QPSK	75	0	22.42	22.54	22.36	23.00
15	16QAM	1	0	22.40	22.65	22.41	23.00
15	16QAM	1	37	22.41	22.56	22.36	23.00
15	16QAM	1	74	22.53	22.67	22.36	23.00
15	16QAM	36	0	21.40	21.54	21.38	22.00
15	16QAM	36	20	21.53	21.61	21.40	22.00
15	16QAM	36	39	21.37	21.61	21.39	22.00
15	16QAM	75	0	21.47	21.60	21.47	22.00
15	64QAM	1	0	21.55	21.63	21.37	22.00
15	64QAM	1	37	21.45	21.69	21.43	22.00
15	64QAM	1	74	21.43	21.61	21.39	22.00
15	64QAM	36	0	20.40	20.57	20.38	21.00
15	64QAM	36	20	20.53	20.58	20.45	21.00
15	64QAM	36	39	20.48	20.66	20.45	21.00
15	64QAM	75	0	20.49	20.68	20.33	21.00
15	256QAM	1	0	18.45	18.59	18.45	19.00
15	256QAM	1	37	18.41	18.59	18.38	19.00
15	256QAM	1	74	18.50	18.64	18.41	19.00
15	256QAM	36	0	18.52	18.60	18.35	19.00
15	256QAM	36	20	18.45	18.57	18.41	19.00
15	256QAM	36	39	18.44	18.66	18.47	19.00
15	256QAM	75	0	18.48	18.65	18.38	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.39	23.55	23.29	24.00
10	QPSK	1	25	23.32	23.42	23.36	24.00
10	QPSK	1	49	23.31	23.44	23.32	24.00
10	QPSK	25	0	22.35	22.48	22.41	23.00
10	QPSK	25	12	22.34	22.42	22.41	23.00
10	QPSK	25	25	22.33	22.39	22.18	23.00
10	QPSK	50	0	22.37	22.52	22.29	23.00
10	16QAM	1	0	22.32	22.64	22.28	23.00
10	16QAM	1	25	22.28	22.51	22.29	23.00
10	16QAM	1	49	22.46	22.62	22.24	23.00
10	16QAM	25	0	21.32	21.43	21.32	22.00
10	16QAM	25	12	21.40	21.51	21.38	22.00
10	16QAM	25	25	21.26	21.48	21.38	22.00
10	16QAM	50	0	21.42	21.52	21.42	22.00
10	64QAM	1	0	21.49	21.51	21.23	22.00
10	64QAM	1	25	21.33	21.68	21.32	22.00
10	64QAM	1	49	21.37	21.52	21.36	22.00
10	64QAM	25	0	20.29	20.51	20.33	21.00
10	64QAM	25	12	20.40	20.47	20.39	21.00
10	64QAM	25	25	20.36	20.56	20.35	21.00
10	64QAM	50	0	20.34	20.54	20.22	21.00
10	256QAM	1	0	18.37	18.54	18.37	19.00
10	256QAM	1	25	18.28	18.48	18.31	19.00
10	256QAM	1	49	18.45	18.53	18.27	19.00
10	256QAM	25	0	18.44	18.45	18.23	19.00
10	256QAM	25	12	18.40	18.44	18.38	19.00
10	256QAM	25	25	18.30	18.65	18.44	19.00
10	256QAM	50	0	18.38	18.53	18.25	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.36	23.60	23.34	24.00
5	QPSK	1	12	23.23	23.45	23.27	24.00
5	QPSK	1	24	23.39	23.54	23.29	24.00
5	QPSK	12	0	22.42	22.59	22.38	23.00
5	QPSK	12	7	22.36	22.39	22.35	23.00
5	QPSK	12	13	22.31	22.43	22.28	23.00
5	QPSK	25	0	22.29	22.49	22.28	23.00
5	16QAM	1	0	22.37	22.60	22.34	23.00
5	16QAM	1	12	22.26	22.47	22.22	23.00
5	16QAM	1	24	22.49	22.60	22.25	23.00



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5	16QAM	12	0	21.29	21.43	21.33	22.00
5	16QAM	12	7	21.47	21.55	21.33	22.00
5	16QAM	12	13	21.31	21.55	21.34	22.00
5	16QAM	25	0	21.41	21.51	21.33	22.00
5	64QAM	1	0	21.51	21.51	21.35	22.00
5	64QAM	1	12	21.35	21.65	21.35	22.00
5	64QAM	1	24	21.41	21.56	21.29	22.00
5	64QAM	12	0	20.38	20.53	20.31	21.00
5	64QAM	12	7	20.41	20.53	20.34	21.00
5	64QAM	12	13	20.45	20.58	20.38	21.00
5	64QAM	25	0	20.45	20.64	20.28	21.00
5	256QAM	1	0	18.42	18.46	18.31	19.00
5	256QAM	1	12	18.32	18.51	18.25	19.00
5	256QAM	1	24	18.37	18.55	18.35	19.00
5	256QAM	12	0	18.47	18.47	18.32	19.00
5	256QAM	12	7	18.41	18.55	18.31	19.00
5	256QAM	12	13	18.41	18.64	18.43	19.00
5	256QAM	25	0	18.43	18.59	18.26	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.39	23.54	23.34	24.00
3	QPSK	1	8	23.25	23.42	23.33	24.00
3	QPSK	1	14	23.33	23.54	23.31	24.00
3	QPSK	8	0	22.36	22.52	22.39	23.00
3	QPSK	8	4	22.38	22.45	22.38	23.00
3	QPSK	8	7	22.36	22.40	22.26	23.00
3	QPSK	15	0	22.35	22.52	22.31	23.00
3	16QAM	1	0	22.32	22.56	22.31	23.00
3	16QAM	1	8	22.30	22.43	22.26	23.00
3	16QAM	1	14	22.45	22.58	22.34	23.00
3	16QAM	8	0	21.28	21.52	21.32	22.00
3	16QAM	8	4	21.42	21.56	21.37	22.00
3	16QAM	8	7	21.29	21.54	21.27	22.00
3	16QAM	15	0	21.40	21.52	21.46	22.00
3	64QAM	1	0	21.47	21.58	21.36	22.00
3	64QAM	1	8	21.34	21.58	21.30	22.00
3	64QAM	1	14	21.33	21.51	21.25	22.00
3	64QAM	8	0	20.37	20.49	20.24	21.00
3	64QAM	8	4	20.40	20.47	20.32	21.00
3	64QAM	8	7	20.36	20.65	20.37	21.00
3	64QAM	15	0	20.40	20.55	20.20	21.00
3	256QAM	1	0	18.32	18.46	18.41	19.00
3	256QAM	1	8	18.35	18.50	18.30	19.00
3	256QAM	1	14	18.41	18.61	18.27	19.00
3	256QAM	8	0	18.41	18.49	18.33	19.00
3	256QAM	8	4	18.31	18.52	18.36	19.00
3	256QAM	8	7	18.41	18.54	18.40	19.00
3	256QAM	15	0	18.36	18.58	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.39	23.56	23.40	24.00
1.4	QPSK	1	3	23.30	23.42	23.30	24.00
1.4	QPSK	1	5	23.34	23.50	23.27	24.00
1.4	QPSK	3	0	23.39	23.54	23.42	24.00
1.4	QPSK	3	1	23.39	23.46	23.41	24.00
1.4	QPSK	3	3	23.31	23.33	23.18	24.00
1.4	QPSK	6	0	22.28	22.41	22.22	23.00
1.4	16QAM	1	0	22.37	22.56	22.37	23.00
1.4	16QAM	1	3	22.31	22.44	22.21	23.00
1.4	16QAM	1	5	22.46	22.63	22.29	23.00
1.4	16QAM	3	0	22.37	22.50	22.35	23.00
1.4	16QAM	3	1	22.43	22.46	22.37	23.00
1.4	16QAM	3	3	22.26	22.51	22.36	23.00
1.4	16QAM	6	0	21.37	21.53	21.39	22.00
1.4	64QAM	1	0	21.51	21.52	21.28	22.00
1.4	64QAM	1	3	21.34	21.58	21.33	22.00
1.4	64QAM	1	5	21.28	21.56	21.27	22.00
1.4	64QAM	3	0	21.28	21.44	21.23	22.00
1.4	64QAM	3	1	21.41	21.54	21.41	22.00
1.4	64QAM	3	3	21.34	21.51	21.33	22.00
1.4	64QAM	6	0	20.37	20.57	20.19	21.00
1.4	256QAM	1	0	18.33	18.46	18.41	19.00
1.4	256QAM	1	3	18.38	18.50	18.32	19.00
1.4	256QAM	1	5	18.40	18.53	18.38	19.00
1.4	256QAM	3	0	18.42	18.53	18.24	19.00
1.4	256QAM	3	1	18.31	18.42	18.36	19.00
1.4	256QAM	3	3	18.31	18.64	18.43	19.00
1.4	256QAM	6	0	18.41	18.58	18.23	19.00

**【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00
5	16QAM	12	0	20.05	20.24	20.02	22.00



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5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00



【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.49	23.69	23.42	24.00
15	QPSK	1	37	23.36	23.49	23.37	24.00
15	QPSK	1	74	23.43	23.58	23.40	24.00
15	QPSK	36	0	22.48	22.61	22.52	23.00
15	QPSK	36	20	22.43	22.48	22.48	23.00
15	QPSK	36	39	22.43	22.47	22.32	23.00
15	QPSK	75	0	22.42	22.54	22.36	23.00
15	16QAM	1	0	22.40	22.65	22.41	23.00
15	16QAM	1	37	22.41	22.56	22.36	23.00
15	16QAM	1	74	22.53	22.67	22.36	23.00
15	16QAM	36	0	21.40	21.54	21.38	22.00
15	16QAM	36	20	21.53	21.61	21.40	22.00
15	16QAM	36	39	21.37	21.61	21.39	22.00
15	16QAM	75	0	21.47	21.60	21.47	22.00
15	64QAM	1	0	21.55	21.63	21.37	22.00
15	64QAM	1	37	21.45	21.69	21.43	22.00
15	64QAM	1	74	21.43	21.61	21.39	22.00
15	64QAM	36	0	20.40	20.57	20.38	21.00
15	64QAM	36	20	20.53	20.58	20.45	21.00
15	64QAM	36	39	20.48	20.66	20.45	21.00
15	64QAM	75	0	20.49	20.68	20.33	21.00
15	256QAM	1	0	18.45	18.59	18.45	19.00
15	256QAM	1	37	18.41	18.59	18.38	19.00
15	256QAM	1	74	18.50	18.64	18.41	19.00
15	256QAM	36	0	18.52	18.60	18.35	19.00
15	256QAM	36	20	18.45	18.57	18.41	19.00
15	256QAM	36	39	18.44	18.66	18.47	19.00
15	256QAM	75	0	18.48	18.65	18.38	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.39	23.55	23.29	24.00
10	QPSK	1	25	23.32	23.42	23.36	24.00
10	QPSK	1	49	23.31	23.44	23.32	24.00
10	QPSK	25	0	22.35	22.48	22.41	23.00
10	QPSK	25	12	22.34	22.42	22.41	23.00
10	QPSK	25	25	22.33	22.39	22.18	23.00
10	QPSK	50	0	22.37	22.52	22.29	23.00
10	16QAM	1	0	22.32	22.64	22.28	23.00
10	16QAM	1	25	22.28	22.51	22.29	23.00
10	16QAM	1	49	22.46	22.62	22.24	23.00
10	16QAM	25	0	21.32	21.43	21.32	22.00
10	16QAM	25	12	21.40	21.51	21.38	22.00
10	16QAM	25	25	21.26	21.48	21.38	22.00
10	16QAM	50	0	21.42	21.52	21.42	22.00
10	64QAM	1	0	21.49	21.51	21.23	22.00
10	64QAM	1	25	21.33	21.68	21.32	22.00
10	64QAM	1	49	21.37	21.52	21.36	22.00
10	64QAM	25	0	20.29	20.51	20.33	21.00
10	64QAM	25	12	20.40	20.47	20.39	21.00
10	64QAM	25	25	20.36	20.56	20.35	21.00
10	64QAM	50	0	20.34	20.54	20.22	21.00
10	256QAM	1	0	18.37	18.54	18.37	19.00
10	256QAM	1	25	18.28	18.48	18.31	19.00
10	256QAM	1	49	18.45	18.53	18.27	19.00
10	256QAM	25	0	18.44	18.45	18.23	19.00
10	256QAM	25	12	18.40	18.44	18.38	19.00
10	256QAM	25	25	18.30	18.65	18.44	19.00
10	256QAM	50	0	18.38	18.53	18.25	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.36	23.60	23.34	24.00
5	QPSK	1	12	23.23	23.45	23.27	24.00
5	QPSK	1	24	23.39	23.54	23.29	24.00
5	QPSK	12	0	22.42	22.59	22.38	23.00
5	QPSK	12	7	22.36	22.39	22.35	23.00
5	QPSK	12	13	22.31	22.43	22.28	23.00
5	QPSK	25	0	22.29	22.49	22.28	23.00
5	16QAM	1	0	22.37	22.60	22.34	23.00
5	16QAM	1	12	22.26	22.47	22.22	23.00
5	16QAM	1	24	22.49	22.60	22.25	23.00
5	16QAM	12	0	21.29	21.43	21.33	22.00



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5	16QAM	12	7	21.47	21.55	21.33	22.00
5	16QAM	12	13	21.31	21.55	21.34	22.00
5	16QAM	25	0	21.41	21.51	21.33	22.00
5	64QAM	1	0	21.51	21.51	21.35	22.00
5	64QAM	1	12	21.35	21.65	21.35	22.00
5	64QAM	1	24	21.41	21.56	21.29	22.00
5	64QAM	12	0	20.38	20.53	20.31	21.00
5	64QAM	12	7	20.41	20.53	20.34	21.00
5	64QAM	12	13	20.45	20.58	20.38	21.00
5	64QAM	25	0	20.45	20.64	20.28	21.00
5	256QAM	1	0	18.42	18.46	18.31	19.00
5	256QAM	1	12	18.32	18.51	18.25	19.00
5	256QAM	1	24	18.37	18.55	18.35	19.00
5	256QAM	12	0	18.47	18.47	18.32	19.00
5	256QAM	12	7	18.41	18.55	18.31	19.00
5	256QAM	12	13	18.41	18.64	18.43	19.00
5	256QAM	25	0	18.43	18.59	18.26	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.39	23.54	23.34	24.00
3	QPSK	1	8	23.25	23.42	23.33	24.00
3	QPSK	1	14	23.33	23.54	23.31	24.00
3	QPSK	8	0	22.36	22.52	22.39	23.00
3	QPSK	8	4	22.38	22.45	22.38	23.00
3	QPSK	8	7	22.36	22.40	22.26	23.00
3	QPSK	15	0	22.35	22.52	22.31	23.00
3	16QAM	1	0	22.32	22.56	22.31	23.00
3	16QAM	1	8	22.30	22.43	22.26	23.00
3	16QAM	1	14	22.45	22.58	22.34	23.00
3	16QAM	8	0	21.28	21.52	21.32	22.00
3	16QAM	8	4	21.42	21.56	21.37	22.00
3	16QAM	8	7	21.29	21.54	21.27	22.00
3	16QAM	15	0	21.40	21.52	21.46	22.00
3	64QAM	1	0	21.47	21.58	21.36	22.00
3	64QAM	1	8	21.34	21.58	21.30	22.00
3	64QAM	1	14	21.33	21.51	21.25	22.00
3	64QAM	8	0	20.37	20.49	20.24	21.00
3	64QAM	8	4	20.40	20.47	20.32	21.00
3	64QAM	8	7	20.36	20.65	20.37	21.00
3	64QAM	15	0	20.40	20.55	20.20	21.00
3	256QAM	1	0	18.32	18.46	18.41	19.00
3	256QAM	1	8	18.35	18.50	18.30	19.00
3	256QAM	1	14	18.41	18.61	18.27	19.00
3	256QAM	8	0	18.41	18.49	18.33	19.00
3	256QAM	8	4	18.31	18.52	18.36	19.00
3	256QAM	8	7	18.41	18.54	18.40	19.00
3	256QAM	15	0	18.36	18.58	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.39	23.56	23.40	24.00
1.4	QPSK	1	3	23.30	23.42	23.30	24.00
1.4	QPSK	1	5	23.34	23.50	23.27	24.00
1.4	QPSK	3	0	23.39	23.54	23.42	24.00
1.4	QPSK	3	1	23.39	23.46	23.41	24.00
1.4	QPSK	3	3	23.31	23.33	23.18	24.00
1.4	QPSK	6	0	22.28	22.41	22.22	23.00
1.4	16QAM	1	0	22.37	22.56	22.37	23.00
1.4	16QAM	1	3	22.31	22.44	22.21	23.00
1.4	16QAM	1	5	22.46	22.63	22.29	23.00
1.4	16QAM	3	0	22.37	22.50	22.35	23.00
1.4	16QAM	3	1	22.43	22.46	22.37	23.00
1.4	16QAM	3	3	22.26	22.51	22.36	23.00
1.4	16QAM	6	0	21.37	21.53	21.39	22.00
1.4	64QAM	1	0	21.51	21.52	21.28	22.00
1.4	64QAM	1	3	21.34	21.58	21.33	22.00
1.4	64QAM	1	5	21.28	21.56	21.27	22.00
1.4	64QAM	3	0	21.28	21.44	21.23	22.00
1.4	64QAM	3	1	21.41	21.54	21.41	22.00
1.4	64QAM	3	3	21.34	21.51	21.33	22.00
1.4	64QAM	6	0	20.37	20.57	20.19	21.00
1.4	256QAM	1	0	18.33	18.46	18.41	19.00
1.4	256QAM	1	3	18.38	18.50	18.32	19.00
1.4	256QAM	1	5	18.40	18.53	18.38	19.00
1.4	256QAM	3	0	18.42	18.53	18.24	19.00
1.4	256QAM	3	1	18.31	18.42	18.36	19.00
1.4	256QAM	3	3	18.31	18.64	18.43	19.00
1.4	256QAM	6	0	18.41	18.58	18.23	19.00

**【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00
5	16QAM	12	0	20.05	20.24	20.02	22.00



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5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.54	22.67	22.44	24.00
15	QPSK	1	37	22.39	22.62	22.38	24.00
15	QPSK	1	74	22.42	22.56	22.26	24.00
15	QPSK	36	0	22.44	22.62	22.34	23.00
15	QPSK	36	20	22.40	22.54	22.26	23.00
15	QPSK	36	39	22.37	22.58	22.28	23.00
15	QPSK	75	0	22.38	22.55	22.37	23.00
15	16QAM	1	0	22.40	22.64	22.29	23.00
15	16QAM	1	37	22.39	22.57	22.32	23.00
15	16QAM	1	74	22.43	22.57	22.27	23.00
15	16QAM	36	0	21.44	21.71	21.38	22.00
15	16QAM	36	20	21.55	21.68	21.45	22.00
15	16QAM	36	39	21.55	21.63	21.36	22.00
15	16QAM	75	0	21.48	21.72	21.45	22.00
15	64QAM	1	0	21.53	21.72	21.37	22.00
15	64QAM	1	37	21.47	21.68	21.41	22.00
15	64QAM	1	74	21.45	21.70	21.38	22.00
15	64QAM	36	0	20.48	20.66	20.43	21.00
15	64QAM	36	20	20.44	20.73	20.39	21.00
15	64QAM	36	39	20.49	20.66	20.46	21.00
15	64QAM	75	0	20.44	20.67	20.47	21.00
15	256QAM	1	0	18.48	18.73	18.47	19.00
15	256QAM	1	37	18.52	18.72	18.37	19.00
15	256QAM	1	74	18.49	18.74	18.44	19.00
15	256QAM	36	0	18.48	18.68	18.47	19.00
15	256QAM	36	20	18.52	18.71	18.46	19.00
15	256QAM	36	39	18.45	18.68	18.40	19.00
15	256QAM	75	0	18.51	18.66	18.41	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.52	22.61	22.33	24.00
10	QPSK	1	25	22.25	22.59	22.31	24.00
10	QPSK	1	49	22.33	22.50	22.11	24.00
10	QPSK	25	0	22.35	22.57	22.32	23.00
10	QPSK	25	12	22.32	22.49	22.15	23.00
10	QPSK	25	25	22.32	22.44	22.17	23.00
10	QPSK	50	0	22.30	22.44	22.27	23.00
10	16QAM	1	0	22.36	22.51	22.19	23.00
10	16QAM	1	25	22.30	22.43	22.17	23.00
10	16QAM	1	49	22.39	22.47	22.15	23.00
10	16QAM	25	0	21.31	21.65	21.24	22.00
10	16QAM	25	12	21.50	21.58	21.32	22.00
10	16QAM	25	25	21.42	21.57	21.25	22.00
10	16QAM	50	0	21.41	21.63	21.43	22.00
10	64QAM	1	0	21.47	21.69	21.26	22.00
10	64QAM	1	25	21.35	21.58	21.39	22.00
10	64QAM	1	49	21.33	21.56	21.35	22.00
10	64QAM	25	0	20.46	20.57	20.30	21.00
10	64QAM	25	12	20.30	20.59	20.29	21.00
10	64QAM	25	25	20.41	20.61	20.42	21.00
10	64QAM	50	0	20.36	20.65	20.43	21.00
10	256QAM	1	0	18.41	18.60	18.33	19.00
10	256QAM	1	25	18.49	18.64	18.32	19.00
10	256QAM	1	49	18.45	18.68	18.38	19.00
10	256QAM	25	0	18.36	18.57	18.38	19.00
10	256QAM	25	12	18.47	18.64	18.34	19.00
10	256QAM	25	25	18.40	18.56	18.35	19.00
10	256QAM	50	0	18.40	18.57	18.40	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.41	22.59	22.30	24.00
5	QPSK	1	12	22.32	22.58	22.32	24.00
5	QPSK	1	24	22.40	22.52	22.21	24.00
5	QPSK	12	0	22.40	22.50	22.30	23.00
5	QPSK	12	7	22.28	22.43	22.16	23.00
5	QPSK	12	13	22.31	22.46	22.24	23.00
5	QPSK	25	0	22.32	22.42	22.35	23.00
5	16QAM	1	0	22.25	22.61	22.22	23.00
5	16QAM	1	12	22.33	22.51	22.19	23.00
5	16QAM	1	24	22.28	22.54	22.16	23.00



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5	16QAM	12	0	21.35	21.64	21.24	22.00
5	16QAM	12	7	21.44	21.59	21.38	22.00
5	16QAM	12	13	21.50	21.51	21.22	22.00
5	16QAM	25	0	21.41	21.69	21.43	22.00
5	64QAM	1	0	21.50	21.60	21.32	22.00
5	64QAM	1	12	21.42	21.56	21.38	22.00
5	64QAM	1	24	21.43	21.61	21.31	22.00
5	64QAM	12	0	20.45	20.61	20.36	21.00
5	64QAM	12	7	20.30	20.60	20.37	21.00
5	64QAM	12	13	20.47	20.64	20.40	21.00
5	64QAM	25	0	20.43	20.60	20.35	21.00
5	256QAM	1	0	18.42	18.62	18.32	19.00
5	256QAM	1	12	18.43	18.70	18.34	19.00
5	256QAM	1	24	18.40	18.67	18.31	19.00
5	256QAM	12	0	18.38	18.56	18.33	19.00
5	256QAM	12	7	18.38	18.70	18.40	19.00
5	256QAM	12	13	18.32	18.62	18.37	19.00
5	256QAM	25	0	18.40	18.60	18.34	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.41	22.56	22.35	24.00
3	QPSK	1	8	22.28	22.52	22.28	24.00
3	QPSK	1	14	22.28	22.46	22.22	24.00
3	QPSK	8	0	22.38	22.57	22.23	23.00
3	QPSK	8	4	22.30	22.44	22.21	23.00
3	QPSK	8	7	22.29	22.45	22.27	23.00
3	QPSK	15	0	22.28	22.41	22.31	23.00
3	16QAM	1	0	22.28	22.50	22.16	23.00
3	16QAM	1	8	22.37	22.42	22.19	23.00
3	16QAM	1	14	22.34	22.49	22.22	23.00
3	16QAM	8	0	21.43	21.56	21.32	22.00
3	16QAM	8	4	21.44	21.62	21.37	22.00
3	16QAM	8	7	21.41	21.50	21.35	22.00
3	16QAM	15	0	21.35	21.69	21.34	22.00
3	64QAM	1	0	21.39	21.66	21.31	22.00
3	64QAM	1	8	21.37	21.61	21.33	22.00
3	64QAM	1	14	21.34	21.56	21.23	22.00
3	64QAM	8	0	20.44	20.65	20.39	21.00
3	64QAM	8	4	20.33	20.59	20.34	21.00
3	64QAM	8	7	20.40	20.60	20.39	21.00
3	64QAM	15	0	20.42	20.64	20.34	21.00
3	256QAM	1	0	18.38	18.60	18.39	19.00
3	256QAM	1	8	18.42	18.60	18.35	19.00
3	256QAM	1	14	18.44	18.73	18.39	19.00
3	256QAM	8	0	18.35	18.57	18.36	19.00
3	256QAM	8	4	18.44	18.61	18.44	19.00
3	256QAM	8	7	18.42	18.58	18.26	19.00
3	256QAM	15	0	18.43	18.64	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.51	22.63	22.32	24.00
1.4	QPSK	1	3	22.32	22.60	22.30	24.00
1.4	QPSK	1	5	22.32	22.43	22.11	24.00
1.4	QPSK	3	0	22.39	22.59	22.24	24.00
1.4	QPSK	3	1	22.32	22.47	22.17	24.00
1.4	QPSK	3	3	22.24	22.49	22.21	24.00
1.4	QPSK	6	0	22.24	22.44	22.28	23.00
1.4	16QAM	1	0	22.36	22.61	22.16	23.00
1.4	16QAM	1	3	22.30	22.54	22.17	23.00
1.4	16QAM	1	5	22.38	22.53	22.13	23.00
1.4	16QAM	3	0	22.42	22.65	22.26	23.00
1.4	16QAM	3	1	22.52	22.61	22.36	23.00
1.4	16QAM	3	3	22.44	22.52	22.34	23.00
1.4	16QAM	6	0	21.46	21.70	21.41	22.00
1.4	64QAM	1	0	21.48	21.71	21.29	22.00
1.4	64QAM	1	3	21.46	21.64	21.30	22.00
1.4	64QAM	1	5	21.39	21.61	21.35	22.00
1.4	64QAM	3	0	21.47	21.65	21.40	22.00
1.4	64QAM	3	1	21.38	21.70	21.29	22.00
1.4	64QAM	3	3	21.40	21.63	21.33	22.00
1.4	64QAM	6	0	20.33	20.62	20.34	21.00
1.4	256QAM	1	0	18.41	18.67	18.35	19.00
1.4	256QAM	1	3	18.43	18.60	18.30	19.00
1.4	256QAM	1	5	18.43	18.60	18.36	19.00
1.4	256QAM	3	0	18.45	18.60	18.38	19.00
1.4	256QAM	3	1	18.47	18.60	18.33	19.00
1.4	256QAM	3	3	18.42	18.57	18.35	19.00
1.4	256QAM	6	0	18.39	18.52	18.38	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00



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5	16QAM	12	0	20.05	20.24	20.02	22.00
5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00



【LTE Band 26_FCC (814~849MHz)_Ant 0_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.54	22.67	22.44	24.00
15	QPSK	1	37	22.39	22.62	22.38	24.00
15	QPSK	1	74	22.42	22.56	22.26	24.00
15	QPSK	36	0	22.44	22.62	22.34	23.00
15	QPSK	36	20	22.40	22.54	22.26	23.00
15	QPSK	36	39	22.37	22.58	22.28	23.00
15	QPSK	75	0	22.38	22.55	22.37	23.00
15	16QAM	1	0	22.40	22.64	22.29	23.00
15	16QAM	1	37	22.39	22.57	22.32	23.00
15	16QAM	1	74	22.43	22.57	22.27	23.00
15	16QAM	36	0	21.44	21.71	21.38	22.00
15	16QAM	36	20	21.55	21.68	21.45	22.00
15	16QAM	36	39	21.55	21.63	21.36	22.00
15	16QAM	75	0	21.48	21.72	21.45	22.00
15	64QAM	1	0	21.53	21.72	21.37	22.00
15	64QAM	1	37	21.47	21.68	21.41	22.00
15	64QAM	1	74	21.45	21.70	21.38	22.00
15	64QAM	36	0	20.48	20.66	20.43	21.00
15	64QAM	36	20	20.44	20.73	20.39	21.00
15	64QAM	36	39	20.49	20.66	20.46	21.00
15	64QAM	75	0	20.44	20.67	20.47	21.00
15	256QAM	1	0	18.48	18.73	18.47	19.00
15	256QAM	1	37	18.52	18.72	18.37	19.00
15	256QAM	1	74	18.49	18.74	18.44	19.00
15	256QAM	36	0	18.48	18.68	18.47	19.00
15	256QAM	36	20	18.52	18.71	18.46	19.00
15	256QAM	36	39	18.45	18.68	18.40	19.00
15	256QAM	75	0	18.51	18.66	18.41	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.52	22.61	22.33	24.00
10	QPSK	1	25	22.25	22.59	22.31	24.00
10	QPSK	1	49	22.33	22.50	22.11	24.00
10	QPSK	25	0	22.35	22.57	22.32	23.00
10	QPSK	25	12	22.32	22.49	22.15	23.00
10	QPSK	25	25	22.32	22.44	22.17	23.00
10	QPSK	50	0	22.30	22.44	22.27	23.00
10	16QAM	1	0	22.36	22.51	22.19	23.00
10	16QAM	1	25	22.30	22.43	22.17	23.00
10	16QAM	1	49	22.39	22.47	22.15	23.00
10	16QAM	25	0	21.31	21.65	21.24	22.00
10	16QAM	25	12	21.50	21.58	21.32	22.00
10	16QAM	25	25	21.42	21.57	21.25	22.00
10	16QAM	50	0	21.41	21.63	21.43	22.00
10	64QAM	1	0	21.47	21.69	21.26	22.00
10	64QAM	1	25	21.35	21.58	21.39	22.00
10	64QAM	1	49	21.33	21.56	21.35	22.00
10	64QAM	25	0	20.46	20.57	20.30	21.00
10	64QAM	25	12	20.30	20.59	20.29	21.00
10	64QAM	25	25	20.41	20.61	20.42	21.00
10	64QAM	50	0	20.36	20.65	20.43	21.00
10	256QAM	1	0	18.41	18.60	18.33	19.00
10	256QAM	1	25	18.49	18.64	18.32	19.00
10	256QAM	1	49	18.45	18.68	18.38	19.00
10	256QAM	25	0	18.36	18.57	18.38	19.00
10	256QAM	25	12	18.47	18.64	18.34	19.00
10	256QAM	25	25	18.40	18.56	18.35	19.00
10	256QAM	50	0	18.40	18.57	18.40	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.41	22.59	22.30	24.00
5	QPSK	1	12	22.32	22.58	22.32	24.00
5	QPSK	1	24	22.40	22.52	22.21	24.00
5	QPSK	12	0	22.40	22.50	22.30	23.00
5	QPSK	12	7	22.28	22.43	22.16	23.00
5	QPSK	12	13	22.31	22.46	22.24	23.00
5	QPSK	25	0	22.32	22.42	22.35	23.00
5	16QAM	1	0	22.25	22.61	22.22	23.00
5	16QAM	1	12	22.33	22.51	22.19	23.00
5	16QAM	1	24	22.28	22.54	22.16	23.00



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5	16QAM	12	0	21.35	21.64	21.24	22.00
5	16QAM	12	7	21.44	21.59	21.38	22.00
5	16QAM	12	13	21.50	21.51	21.22	22.00
5	16QAM	25	0	21.41	21.69	21.43	22.00
5	64QAM	1	0	21.50	21.60	21.32	22.00
5	64QAM	1	12	21.42	21.56	21.38	22.00
5	64QAM	1	24	21.43	21.61	21.31	22.00
5	64QAM	12	0	20.45	20.61	20.36	21.00
5	64QAM	12	7	20.30	20.60	20.37	21.00
5	64QAM	12	13	20.47	20.64	20.40	21.00
5	64QAM	25	0	20.43	20.60	20.35	21.00
5	256QAM	1	0	18.42	18.62	18.32	19.00
5	256QAM	1	12	18.43	18.70	18.34	19.00
5	256QAM	1	24	18.40	18.67	18.31	19.00
5	256QAM	12	0	18.38	18.56	18.33	19.00
5	256QAM	12	7	18.38	18.70	18.40	19.00
5	256QAM	12	13	18.32	18.62	18.37	19.00
5	256QAM	25	0	18.40	18.60	18.34	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.41	22.56	22.35	24.00
3	QPSK	1	8	22.28	22.52	22.28	24.00
3	QPSK	1	14	22.28	22.46	22.22	24.00
3	QPSK	8	0	22.38	22.57	22.23	23.00
3	QPSK	8	4	22.30	22.44	22.21	23.00
3	QPSK	8	7	22.29	22.45	22.27	23.00
3	QPSK	15	0	22.28	22.41	22.31	23.00
3	16QAM	1	0	22.28	22.50	22.16	23.00
3	16QAM	1	8	22.37	22.42	22.19	23.00
3	16QAM	1	14	22.34	22.49	22.22	23.00
3	16QAM	8	0	21.43	21.56	21.32	22.00
3	16QAM	8	4	21.44	21.62	21.37	22.00
3	16QAM	8	7	21.41	21.50	21.35	22.00
3	16QAM	15	0	21.35	21.69	21.34	22.00
3	64QAM	1	0	21.39	21.66	21.31	22.00
3	64QAM	1	8	21.37	21.61	21.33	22.00
3	64QAM	1	14	21.34	21.56	21.23	22.00
3	64QAM	8	0	20.44	20.65	20.39	21.00
3	64QAM	8	4	20.33	20.59	20.34	21.00
3	64QAM	8	7	20.40	20.60	20.39	21.00
3	64QAM	15	0	20.42	20.64	20.34	21.00
3	256QAM	1	0	18.38	18.60	18.39	19.00
3	256QAM	1	8	18.42	18.60	18.35	19.00
3	256QAM	1	14	18.44	18.73	18.39	19.00
3	256QAM	8	0	18.35	18.57	18.36	19.00
3	256QAM	8	4	18.44	18.61	18.44	19.00
3	256QAM	8	7	18.42	18.58	18.26	19.00
3	256QAM	15	0	18.43	18.64	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.51	22.63	22.32	24.00
1.4	QPSK	1	3	22.32	22.60	22.30	24.00
1.4	QPSK	1	5	22.32	22.43	22.11	24.00
1.4	QPSK	3	0	22.39	22.59	22.24	24.00
1.4	QPSK	3	1	22.32	22.47	22.17	24.00
1.4	QPSK	3	3	22.24	22.49	22.21	24.00
1.4	QPSK	6	0	22.24	22.44	22.28	23.00
1.4	16QAM	1	0	22.36	22.61	22.16	23.00
1.4	16QAM	1	3	22.30	22.54	22.17	23.00
1.4	16QAM	1	5	22.38	22.53	22.13	23.00
1.4	16QAM	3	0	22.42	22.65	22.26	23.00
1.4	16QAM	3	1	22.52	22.61	22.36	23.00
1.4	16QAM	3	3	22.44	22.52	22.34	23.00
1.4	16QAM	6	0	21.46	21.70	21.41	22.00
1.4	64QAM	1	0	21.48	21.71	21.29	22.00
1.4	64QAM	1	3	21.46	21.64	21.30	22.00
1.4	64QAM	1	5	21.39	21.61	21.35	22.00
1.4	64QAM	3	0	21.47	21.65	21.40	22.00
1.4	64QAM	3	1	21.38	21.70	21.29	22.00
1.4	64QAM	3	3	21.40	21.63	21.33	22.00
1.4	64QAM	6	0	20.33	20.62	20.34	21.00
1.4	256QAM	1	0	18.41	18.67	18.35	19.00
1.4	256QAM	1	3	18.43	18.60	18.30	19.00
1.4	256QAM	1	5	18.43	18.60	18.36	19.00
1.4	256QAM	3	0	18.45	18.60	18.38	19.00
1.4	256QAM	3	1	18.47	18.60	18.33	19.00
1.4	256QAM	3	3	18.42	18.57	18.35	19.00
1.4	256QAM	6	0	18.39	18.52	18.38	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00



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5	16QAM	12	0	20.05	20.24	20.02	22.00
5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.49	23.69	23.42	24.00
15	QPSK	1	37	23.36	23.49	23.37	24.00
15	QPSK	1	74	23.43	23.58	23.40	24.00
15	QPSK	36	0	22.48	22.61	22.52	23.00
15	QPSK	36	20	22.43	22.48	22.48	23.00
15	QPSK	36	39	22.43	22.47	22.32	23.00
15	QPSK	75	0	22.42	22.54	22.36	23.00
15	16QAM	1	0	22.40	22.65	22.41	23.00
15	16QAM	1	37	22.41	22.56	22.36	23.00
15	16QAM	1	74	22.53	22.67	22.36	23.00
15	16QAM	36	0	21.40	21.54	21.38	22.00
15	16QAM	36	20	21.53	21.61	21.40	22.00
15	16QAM	36	39	21.37	21.61	21.39	22.00
15	16QAM	75	0	21.47	21.60	21.47	22.00
15	64QAM	1	0	21.55	21.63	21.37	22.00
15	64QAM	1	37	21.45	21.69	21.43	22.00
15	64QAM	1	74	21.43	21.61	21.39	22.00
15	64QAM	36	0	20.40	20.57	20.38	21.00
15	64QAM	36	20	20.53	20.58	20.45	21.00
15	64QAM	36	39	20.48	20.66	20.45	21.00
15	64QAM	75	0	20.49	20.68	20.33	21.00
15	256QAM	1	0	18.45	18.59	18.45	19.00
15	256QAM	1	37	18.41	18.59	18.38	19.00
15	256QAM	1	74	18.50	18.64	18.41	19.00
15	256QAM	36	0	18.52	18.60	18.35	19.00
15	256QAM	36	20	18.45	18.57	18.41	19.00
15	256QAM	36	39	18.44	18.66	18.47	19.00
15	256QAM	75	0	18.48	18.65	18.38	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.39	23.55	23.29	24.00
10	QPSK	1	25	23.32	23.42	23.36	24.00
10	QPSK	1	49	23.31	23.44	23.32	24.00
10	QPSK	25	0	22.35	22.48	22.41	23.00
10	QPSK	25	12	22.34	22.42	22.41	23.00
10	QPSK	25	25	22.33	22.39	22.18	23.00
10	QPSK	50	0	22.37	22.52	22.29	23.00
10	16QAM	1	0	22.32	22.64	22.28	23.00
10	16QAM	1	25	22.28	22.51	22.29	23.00
10	16QAM	1	49	22.46	22.62	22.24	23.00
10	16QAM	25	0	21.32	21.43	21.32	22.00
10	16QAM	25	12	21.40	21.51	21.38	22.00
10	16QAM	25	25	21.26	21.48	21.38	22.00
10	16QAM	50	0	21.42	21.52	21.42	22.00
10	64QAM	1	0	21.49	21.51	21.23	22.00
10	64QAM	1	25	21.33	21.68	21.32	22.00
10	64QAM	1	49	21.37	21.52	21.36	22.00
10	64QAM	25	0	20.29	20.51	20.33	21.00
10	64QAM	25	12	20.40	20.47	20.39	21.00
10	64QAM	25	25	20.36	20.56	20.35	21.00
10	64QAM	50	0	20.34	20.54	20.22	21.00
10	256QAM	1	0	18.37	18.54	18.37	19.00
10	256QAM	1	25	18.28	18.48	18.31	19.00
10	256QAM	1	49	18.45	18.53	18.27	19.00
10	256QAM	25	0	18.44	18.45	18.23	19.00
10	256QAM	25	12	18.40	18.44	18.38	19.00
10	256QAM	25	25	18.30	18.65	18.44	19.00
10	256QAM	50	0	18.38	18.53	18.25	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.36	23.60	23.34	24.00
5	QPSK	1	12	23.23	23.45	23.27	24.00
5	QPSK	1	24	23.39	23.54	23.29	24.00
5	QPSK	12	0	22.42	22.59	22.38	23.00
5	QPSK	12	7	22.36	22.39	22.35	23.00
5	QPSK	12	13	22.31	22.43	22.28	23.00
5	QPSK	25	0	22.29	22.49	22.28	23.00
5	16QAM	1	0	22.37	22.60	22.34	23.00
5	16QAM	1	12	22.26	22.47	22.22	23.00
5	16QAM	1	24	22.49	22.60	22.25	23.00



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5	16QAM	12	0	21.29	21.43	21.33	22.00
5	16QAM	12	7	21.47	21.55	21.33	22.00
5	16QAM	12	13	21.31	21.55	21.34	22.00
5	16QAM	25	0	21.41	21.51	21.33	22.00
5	64QAM	1	0	21.51	21.51	21.35	22.00
5	64QAM	1	12	21.35	21.65	21.35	22.00
5	64QAM	1	24	21.41	21.56	21.29	22.00
5	64QAM	12	0	20.38	20.53	20.31	21.00
5	64QAM	12	7	20.41	20.53	20.34	21.00
5	64QAM	12	13	20.45	20.58	20.38	21.00
5	64QAM	25	0	20.45	20.64	20.28	21.00
5	256QAM	1	0	18.42	18.46	18.31	19.00
5	256QAM	1	12	18.32	18.51	18.25	19.00
5	256QAM	1	24	18.37	18.55	18.35	19.00
5	256QAM	12	0	18.47	18.47	18.32	19.00
5	256QAM	12	7	18.41	18.55	18.31	19.00
5	256QAM	12	13	18.41	18.64	18.43	19.00
5	256QAM	25	0	18.43	18.59	18.26	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.39	23.54	23.34	24.00
3	QPSK	1	8	23.25	23.42	23.33	24.00
3	QPSK	1	14	23.33	23.54	23.31	24.00
3	QPSK	8	0	22.36	22.52	22.39	23.00
3	QPSK	8	4	22.38	22.45	22.38	23.00
3	QPSK	8	7	22.36	22.40	22.26	23.00
3	QPSK	15	0	22.35	22.52	22.31	23.00
3	16QAM	1	0	22.32	22.56	22.31	23.00
3	16QAM	1	8	22.30	22.43	22.26	23.00
3	16QAM	1	14	22.45	22.58	22.34	23.00
3	16QAM	8	0	21.28	21.52	21.32	22.00
3	16QAM	8	4	21.42	21.56	21.37	22.00
3	16QAM	8	7	21.29	21.54	21.27	22.00
3	16QAM	15	0	21.40	21.52	21.46	22.00
3	64QAM	1	0	21.47	21.58	21.36	22.00
3	64QAM	1	8	21.34	21.58	21.30	22.00
3	64QAM	1	14	21.33	21.51	21.25	22.00
3	64QAM	8	0	20.37	20.49	20.24	21.00
3	64QAM	8	4	20.40	20.47	20.32	21.00
3	64QAM	8	7	20.36	20.65	20.37	21.00
3	64QAM	15	0	20.40	20.55	20.20	21.00
3	256QAM	1	0	18.32	18.46	18.41	19.00
3	256QAM	1	8	18.35	18.50	18.30	19.00
3	256QAM	1	14	18.41	18.61	18.27	19.00
3	256QAM	8	0	18.41	18.49	18.33	19.00
3	256QAM	8	4	18.31	18.52	18.36	19.00
3	256QAM	8	7	18.41	18.54	18.40	19.00
3	256QAM	15	0	18.36	18.58	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.39	23.56	23.40	24.00
1.4	QPSK	1	3	23.30	23.42	23.30	24.00
1.4	QPSK	1	5	23.34	23.50	23.27	24.00
1.4	QPSK	3	0	23.39	23.54	23.42	24.00
1.4	QPSK	3	1	23.39	23.46	23.41	24.00
1.4	QPSK	3	3	23.31	23.33	23.18	24.00
1.4	QPSK	6	0	22.28	22.41	22.22	23.00
1.4	16QAM	1	0	22.37	22.56	22.37	23.00
1.4	16QAM	1	3	22.31	22.44	22.21	23.00
1.4	16QAM	1	5	22.46	22.63	22.29	23.00
1.4	16QAM	3	0	22.37	22.50	22.35	23.00
1.4	16QAM	3	1	22.43	22.46	22.37	23.00
1.4	16QAM	3	3	22.26	22.51	22.36	23.00
1.4	16QAM	6	0	21.37	21.53	21.39	22.00
1.4	64QAM	1	0	21.51	21.52	21.28	22.00
1.4	64QAM	1	3	21.34	21.58	21.33	22.00
1.4	64QAM	1	5	21.28	21.56	21.27	22.00
1.4	64QAM	3	0	21.28	21.44	21.23	22.00
1.4	64QAM	3	1	21.41	21.54	21.41	22.00
1.4	64QAM	3	3	21.34	21.51	21.33	22.00
1.4	64QAM	6	0	20.37	20.57	20.19	21.00
1.4	256QAM	1	0	18.33	18.46	18.41	19.00
1.4	256QAM	1	3	18.38	18.50	18.32	19.00
1.4	256QAM	1	5	18.40	18.53	18.38	19.00
1.4	256QAM	3	0	18.42	18.53	18.24	19.00
1.4	256QAM	3	1	18.31	18.42	18.36	19.00
1.4	256QAM	3	3	18.31	18.64	18.43	19.00
1.4	256QAM	6	0	18.41	18.58	18.23	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.38	22.26	24.00
15	QPSK	1	37	22.14	22.26	22.01	24.00
15	QPSK	1	74	22.06	22.18	22.03	24.00
15	QPSK	36	0	21.10	21.24	21.04	23.00
15	QPSK	36	20	21.09	21.19	21.01	23.00
15	QPSK	36	39	21.01	21.19	21.02	23.00
15	QPSK	75	0	21.13	21.25	21.07	23.00
15	16QAM	1	0	21.32	21.55	21.29	23.00
15	16QAM	1	37	21.49	21.61	21.41	23.00
15	16QAM	1	74	21.35	21.56	21.42	23.00
15	16QAM	36	0	20.14	20.25	20.11	22.00
15	16QAM	36	20	20.13	20.22	20.01	22.00
15	16QAM	36	39	20.07	20.19	20.00	22.00
15	16QAM	75	0	20.06	20.23	20.01	22.00
15	64QAM	1	0	20.29	20.44	20.21	22.00
15	64QAM	1	37	20.29	20.47	20.33	22.00
15	64QAM	1	74	20.25	20.44	20.30	22.00
15	64QAM	36	0	19.09	19.24	19.12	21.00
15	64QAM	36	20	19.07	19.25	19.02	21.00
15	64QAM	36	39	19.00	19.17	19.01	21.00
15	64QAM	75	0	19.02	19.24	19.00	21.00
15	256QAM	1	0	17.30	17.39	17.24	19.00
15	256QAM	1	37	17.30	17.42	17.31	19.00
15	256QAM	1	74	17.23	17.34	17.18	19.00
15	256QAM	36	0	17.05	17.26	17.10	19.00
15	256QAM	36	20	17.14	17.22	17.03	19.00
15	256QAM	36	39	17.06	17.18	17.06	19.00
15	256QAM	75	0	17.13	17.24	17.00	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.14	22.24	22.18	24.00
10	QPSK	1	25	22.08	22.22	22.00	24.00
10	QPSK	1	49	22.01	22.13	22.00	24.00
10	QPSK	25	0	21.00	21.09	21.00	23.00
10	QPSK	25	12	21.07	21.15	21.00	23.00
10	QPSK	25	25	21.01	21.06	21.00	23.00
10	QPSK	50	0	21.01	21.20	21.02	23.00
10	16QAM	1	0	21.18	21.53	21.26	23.00
10	16QAM	1	25	21.38	21.55	21.33	23.00
10	16QAM	1	49	21.26	21.42	21.37	23.00
10	16QAM	25	0	20.06	20.15	20.10	22.00
10	16QAM	25	12	20.01	20.16	20.00	22.00
10	16QAM	25	25	20.04	20.08	20.00	22.00
10	16QAM	50	0	20.00	20.09	20.01	22.00
10	64QAM	1	0	20.23	20.30	20.10	22.00
10	64QAM	1	25	20.28	20.36	20.28	22.00
10	64QAM	1	49	20.21	20.36	20.18	22.00
10	64QAM	25	0	19.00	19.20	19.09	21.00
10	64QAM	25	12	19.05	19.23	19.00	21.00
10	64QAM	25	25	19.02	19.12	19.01	21.00
10	64QAM	50	0	19.01	19.13	19.00	21.00
10	256QAM	1	0	17.15	17.27	17.10	19.00
10	256QAM	1	25	17.21	17.33	17.28	19.00
10	256QAM	1	49	17.11	17.26	17.05	19.00
10	256QAM	25	0	17.00	17.16	17.01	19.00
10	256QAM	25	12	17.06	17.10	17.00	19.00
10	256QAM	25	25	17.00	17.16	17.01	19.00
10	256QAM	50	0	17.03	17.16	17.01	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.23	22.27	22.24	24.00
5	QPSK	1	12	22.10	22.20	22.00	24.00
5	QPSK	1	24	22.00	22.14	22.02	24.00
5	QPSK	12	0	21.02	21.20	21.03	23.00
5	QPSK	12	7	21.00	21.10	21.00	23.00
5	QPSK	12	13	21.01	21.12	21.01	23.00
5	QPSK	25	0	21.01	21.18	21.01	23.00
5	16QAM	1	0	21.28	21.47	21.28	23.00
5	16QAM	1	12	21.40	21.51	21.27	23.00
5	16QAM	1	24	21.20	21.53	21.32	23.00



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5	16QAM	12	0	20.05	20.24	20.02	22.00
5	16QAM	12	7	20.00	20.12	20.00	22.00
5	16QAM	12	13	20.01	20.13	20.01	22.00
5	16QAM	25	0	20.02	20.13	20.01	22.00
5	64QAM	1	0	20.23	20.33	20.07	22.00
5	64QAM	1	12	20.23	20.38	20.19	22.00
5	64QAM	1	24	20.11	20.34	20.27	22.00
5	64QAM	12	0	19.00	19.14	19.01	21.00
5	64QAM	12	7	19.01	19.24	19.00	21.00
5	64QAM	12	13	19.00	19.07	19.01	21.00
5	64QAM	25	0	19.00	19.16	19.00	21.00
5	256QAM	1	0	17.27	17.30	17.21	19.00
5	256QAM	1	12	17.18	17.28	17.22	19.00
5	256QAM	1	24	17.14	17.31	17.11	19.00
5	256QAM	12	0	17.00	17.23	17.00	19.00
5	256QAM	12	7	17.01	17.17	17.00	19.00
5	256QAM	12	13	17.00	17.14	17.04	19.00
5	256QAM	25	0	17.09	17.20	17.00	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.20	22.19	22.20	24.00
3	QPSK	1	8	22.12	22.14	22.00	24.00
3	QPSK	1	14	22.02	22.15	22.00	24.00
3	QPSK	8	0	21.00	21.20	21.01	23.00
3	QPSK	8	4	21.07	21.17	21.01	23.00
3	QPSK	8	7	21.00	21.13	21.01	23.00
3	QPSK	15	0	21.02	21.23	21.01	23.00
3	16QAM	1	0	21.26	21.50	21.25	23.00
3	16QAM	1	8	21.36	21.58	21.37	23.00
3	16QAM	1	14	21.30	21.53	21.28	23.00
3	16QAM	8	0	20.11	20.12	20.05	22.00
3	16QAM	8	4	20.07	20.15	20.00	22.00
3	16QAM	8	7	20.00	20.13	20.00	22.00
3	16QAM	15	0	20.01	20.14	20.00	22.00
3	64QAM	1	0	20.24	20.32	20.20	22.00
3	64QAM	1	8	20.23	20.42	20.32	22.00
3	64QAM	1	14	20.17	20.41	20.19	22.00
3	64QAM	8	0	19.02	19.20	19.05	21.00
3	64QAM	8	4	19.03	19.20	19.02	21.00
3	64QAM	8	7	19.01	19.09	19.00	21.00
3	64QAM	15	0	19.01	19.17	19.01	21.00
3	256QAM	1	0	17.15	17.30	17.13	19.00
3	256QAM	1	8	17.16	17.34	17.25	19.00
3	256QAM	1	14	17.09	17.21	17.06	19.00
3	256QAM	8	0	17.01	17.24	17.08	19.00
3	256QAM	8	4	17.05	17.08	17.00	19.00
3	256QAM	8	7	17.01	17.08	17.02	19.00
3	256QAM	15	0	17.06	17.14	17.02	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.22	22.23	22.12	24.00
1.4	QPSK	1	3	22.04	22.18	22.00	24.00
1.4	QPSK	1	5	22.00	22.04	22.00	24.00
1.4	QPSK	3	0	22.09	22.11	22.03	24.00
1.4	QPSK	3	1	22.03	22.09	22.02	24.00
1.4	QPSK	3	3	22.00	22.16	22.02	24.00
1.4	QPSK	6	0	21.06	21.23	21.00	23.00
1.4	16QAM	1	0	21.21	21.46	21.17	23.00
1.4	16QAM	1	3	21.48	21.57	21.28	23.00
1.4	16QAM	1	5	21.24	21.46	21.38	23.00
1.4	16QAM	3	0	21.01	21.18	21.08	23.00
1.4	16QAM	3	1	21.00	21.11	21.01	23.00
1.4	16QAM	3	3	21.00	21.08	21.01	23.00
1.4	16QAM	6	0	20.01	20.21	20.00	22.00
1.4	64QAM	1	0	20.14	20.35	20.15	22.00
1.4	64QAM	1	3	20.16	20.33	20.26	22.00
1.4	64QAM	1	5	20.14	20.29	20.21	22.00
1.4	64QAM	3	0	20.01	20.09	20.02	22.00
1.4	64QAM	3	1	20.01	20.20	20.00	22.00
1.4	64QAM	3	3	20.00	20.03	20.00	22.00
1.4	64QAM	6	0	19.01	19.14	19.00	21.00
1.4	256QAM	1	0	17.16	17.31	17.10	19.00
1.4	256QAM	1	3	17.27	17.36	17.20	19.00
1.4	256QAM	1	5	17.16	17.24	17.11	19.00
1.4	256QAM	3	0	17.00	17.17	17.00	19.00
1.4	256QAM	3	1	17.12	17.18	17.00	19.00
1.4	256QAM	3	3	17.00	17.06	17.05	19.00
1.4	256QAM	6	0	17.03	17.09	17.02	19.00



【LTE Band 26__FCC (814~849MHz)_Ant 0_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.49	23.69	23.42	24.00
15	QPSK	1	37	23.36	23.49	23.37	24.00
15	QPSK	1	74	23.43	23.58	23.40	24.00
15	QPSK	36	0	22.48	22.61	22.52	23.00
15	QPSK	36	20	22.43	22.48	22.48	23.00
15	QPSK	36	39	22.43	22.47	22.32	23.00
15	QPSK	75	0	22.42	22.54	22.36	23.00
15	16QAM	1	0	22.40	22.65	22.41	23.00
15	16QAM	1	37	22.41	22.56	22.36	23.00
15	16QAM	1	74	22.53	22.67	22.36	23.00
15	16QAM	36	0	21.40	21.54	21.38	22.00
15	16QAM	36	20	21.53	21.61	21.40	22.00
15	16QAM	36	39	21.37	21.61	21.39	22.00
15	16QAM	75	0	21.47	21.60	21.47	22.00
15	64QAM	1	0	21.55	21.63	21.37	22.00
15	64QAM	1	37	21.45	21.69	21.43	22.00
15	64QAM	1	74	21.43	21.61	21.39	22.00
15	64QAM	36	0	20.40	20.57	20.38	21.00
15	64QAM	36	20	20.53	20.58	20.45	21.00
15	64QAM	36	39	20.48	20.66	20.45	21.00
15	64QAM	75	0	20.49	20.68	20.33	21.00
15	256QAM	1	0	18.45	18.59	18.45	19.00
15	256QAM	1	37	18.41	18.59	18.38	19.00
15	256QAM	1	74	18.50	18.64	18.41	19.00
15	256QAM	36	0	18.52	18.60	18.35	19.00
15	256QAM	36	20	18.45	18.57	18.41	19.00
15	256QAM	36	39	18.44	18.66	18.47	19.00
15	256QAM	75	0	18.48	18.65	18.38	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.39	23.55	23.29	24.00
10	QPSK	1	25	23.32	23.42	23.36	24.00
10	QPSK	1	49	23.31	23.44	23.32	24.00
10	QPSK	25	0	22.35	22.48	22.41	23.00
10	QPSK	25	12	22.34	22.42	22.41	23.00
10	QPSK	25	25	22.33	22.39	22.18	23.00
10	QPSK	50	0	22.37	22.52	22.29	23.00
10	16QAM	1	0	22.32	22.64	22.28	23.00
10	16QAM	1	25	22.28	22.51	22.29	23.00
10	16QAM	1	49	22.46	22.62	22.24	23.00
10	16QAM	25	0	21.32	21.43	21.32	22.00
10	16QAM	25	12	21.40	21.51	21.38	22.00
10	16QAM	25	25	21.26	21.48	21.38	22.00
10	16QAM	50	0	21.42	21.52	21.42	22.00
10	64QAM	1	0	21.49	21.51	21.23	22.00
10	64QAM	1	25	21.33	21.68	21.32	22.00
10	64QAM	1	49	21.37	21.52	21.36	22.00
10	64QAM	25	0	20.29	20.51	20.33	21.00
10	64QAM	25	12	20.40	20.47	20.39	21.00
10	64QAM	25	25	20.36	20.56	20.35	21.00
10	64QAM	50	0	20.34	20.54	20.22	21.00
10	256QAM	1	0	18.37	18.54	18.37	19.00
10	256QAM	1	25	18.28	18.48	18.31	19.00
10	256QAM	1	49	18.45	18.53	18.27	19.00
10	256QAM	25	0	18.44	18.45	18.23	19.00
10	256QAM	25	12	18.40	18.44	18.38	19.00
10	256QAM	25	25	18.30	18.65	18.44	19.00
10	256QAM	50	0	18.38	18.53	18.25	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.36	23.60	23.34	24.00
5	QPSK	1	12	23.23	23.45	23.27	24.00
5	QPSK	1	24	23.39	23.54	23.29	24.00
5	QPSK	12	0	22.42	22.59	22.38	23.00
5	QPSK	12	7	22.36	22.39	22.35	23.00
5	QPSK	12	13	22.31	22.43	22.28	23.00
5	QPSK	25	0	22.29	22.49	22.28	23.00
5	16QAM	1	0	22.37	22.60	22.34	23.00
5	16QAM	1	12	22.26	22.47	22.22	23.00
5	16QAM	1	24	22.49	22.60	22.25	23.00



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5	16QAM	12	0	21.29	21.43	21.33	22.00
5	16QAM	12	7	21.47	21.55	21.33	22.00
5	16QAM	12	13	21.31	21.55	21.34	22.00
5	16QAM	25	0	21.41	21.51	21.33	22.00
5	64QAM	1	0	21.51	21.51	21.35	22.00
5	64QAM	1	12	21.35	21.65	21.35	22.00
5	64QAM	1	24	21.41	21.56	21.29	22.00
5	64QAM	12	0	20.38	20.53	20.31	21.00
5	64QAM	12	7	20.41	20.53	20.34	21.00
5	64QAM	12	13	20.45	20.58	20.38	21.00
5	64QAM	25	0	20.45	20.64	20.28	21.00
5	256QAM	1	0	18.42	18.46	18.31	19.00
5	256QAM	1	12	18.32	18.51	18.25	19.00
5	256QAM	1	24	18.37	18.55	18.35	19.00
5	256QAM	12	0	18.47	18.47	18.32	19.00
5	256QAM	12	7	18.41	18.55	18.31	19.00
5	256QAM	12	13	18.41	18.64	18.43	19.00
5	256QAM	25	0	18.43	18.59	18.26	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.39	23.54	23.34	24.00
3	QPSK	1	8	23.25	23.42	23.33	24.00
3	QPSK	1	14	23.33	23.54	23.31	24.00
3	QPSK	8	0	22.36	22.52	22.39	23.00
3	QPSK	8	4	22.38	22.45	22.38	23.00
3	QPSK	8	7	22.36	22.40	22.26	23.00
3	QPSK	15	0	22.35	22.52	22.31	23.00
3	16QAM	1	0	22.32	22.56	22.31	23.00
3	16QAM	1	8	22.30	22.43	22.26	23.00
3	16QAM	1	14	22.45	22.58	22.34	23.00
3	16QAM	8	0	21.28	21.52	21.32	22.00
3	16QAM	8	4	21.42	21.56	21.37	22.00
3	16QAM	8	7	21.29	21.54	21.27	22.00
3	16QAM	15	0	21.40	21.52	21.46	22.00
3	64QAM	1	0	21.47	21.58	21.36	22.00
3	64QAM	1	8	21.34	21.58	21.30	22.00
3	64QAM	1	14	21.33	21.51	21.25	22.00
3	64QAM	8	0	20.37	20.49	20.24	21.00
3	64QAM	8	4	20.40	20.47	20.32	21.00
3	64QAM	8	7	20.36	20.65	20.37	21.00
3	64QAM	15	0	20.40	20.55	20.20	21.00
3	256QAM	1	0	18.32	18.46	18.41	19.00
3	256QAM	1	8	18.35	18.50	18.30	19.00
3	256QAM	1	14	18.41	18.61	18.27	19.00
3	256QAM	8	0	18.41	18.49	18.33	19.00
3	256QAM	8	4	18.31	18.52	18.36	19.00
3	256QAM	8	7	18.41	18.54	18.40	19.00
3	256QAM	15	0	18.36	18.58	18.30	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.39	23.56	23.40	24.00
1.4	QPSK	1	3	23.30	23.42	23.30	24.00
1.4	QPSK	1	5	23.34	23.50	23.27	24.00
1.4	QPSK	3	0	23.39	23.54	23.42	24.00
1.4	QPSK	3	1	23.39	23.46	23.41	24.00
1.4	QPSK	3	3	23.31	23.33	23.18	24.00
1.4	QPSK	6	0	22.28	22.41	22.22	23.00
1.4	16QAM	1	0	22.37	22.56	22.37	23.00
1.4	16QAM	1	3	22.31	22.44	22.21	23.00
1.4	16QAM	1	5	22.46	22.63	22.29	23.00
1.4	16QAM	3	0	22.37	22.50	22.35	23.00
1.4	16QAM	3	1	22.43	22.46	22.37	23.00
1.4	16QAM	3	3	22.26	22.51	22.36	23.00
1.4	16QAM	6	0	21.37	21.53	21.39	22.00
1.4	64QAM	1	0	21.51	21.52	21.28	22.00
1.4	64QAM	1	3	21.34	21.58	21.33	22.00
1.4	64QAM	1	5	21.28	21.56	21.27	22.00
1.4	64QAM	3	0	21.28	21.44	21.23	22.00
1.4	64QAM	3	1	21.41	21.54	21.41	22.00
1.4	64QAM	3	3	21.34	21.51	21.33	22.00
1.4	64QAM	6	0	20.37	20.57	20.19	21.00
1.4	256QAM	1	0	18.33	18.46	18.41	19.00
1.4	256QAM	1	3	18.38	18.50	18.32	19.00
1.4	256QAM	1	5	18.40	18.53	18.38	19.00
1.4	256QAM	3	0	18.42	18.53	18.24	19.00
1.4	256QAM	3	1	18.31	18.42	18.36	19.00
1.4	256QAM	3	3	18.31	18.64	18.43	19.00
1.4	256QAM	6	0	18.41	18.58	18.23	19.00



【LTE Band 26__FCC (814~849MHz)_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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.92	21.79	21.80	23.00
15	QPSK	1	37	21.88	21.78	21.69	23.00
15	QPSK	1	74	21.72	21.74	21.62	23.00
15	QPSK	36	0	20.83	20.82	20.73	22.00
15	QPSK	36	20	20.76	20.78	20.69	22.00
15	QPSK	36	39	20.78	20.77	20.69	22.00
15	QPSK	75	0	20.79	20.81	20.80	22.00
15	16QAM	1	0	21.15	21.09	20.98	22.00
15	16QAM	1	37	21.28	21.18	21.15	22.00
15	16QAM	1	74	21.17	21.09	21.01	22.00
15	16QAM	36	0	19.84	19.79	19.76	21.00
15	16QAM	36	20	19.88	19.78	19.73	21.00
15	16QAM	36	39	19.83	19.76	19.72	21.00
15	16QAM	75	0	19.79	19.79	19.66	21.00
15	64QAM	1	0	19.99	19.96	19.92	21.00
15	64QAM	1	37	20.11	20.04	19.94	21.00
15	64QAM	1	74	19.98	19.95	19.83	21.00
15	64QAM	36	0	18.88	18.81	18.70	20.00
15	64QAM	36	20	18.78	18.79	18.69	20.00
15	64QAM	36	39	18.72	18.76	18.72	20.00
15	64QAM	75	0	18.89	18.81	18.73	20.00
15	256QAM	1	0	16.95	16.89	16.86	18.00
15	256QAM	1	37	16.96	16.93	16.80	18.00
15	256QAM	1	74	16.89	16.85	16.71	18.00
15	256QAM	36	0	16.87	16.81	16.79	18.00
15	256QAM	36	20	16.80	16.78	16.77	18.00
15	256QAM	36	39	16.72	16.76	16.75	18.00
15	256QAM	75	0	16.79	16.79	16.78	18.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.90	21.76	21.69	23.00
10	QPSK	1	25	21.84	21.77	21.65	23.00
10	QPSK	1	49	21.61	21.64	21.48	23.00
10	QPSK	25	0	20.78	20.70	20.59	22.00
10	QPSK	25	12	20.66	20.69	20.63	22.00
10	QPSK	25	25	20.69	20.63	20.62	22.00
10	QPSK	50	0	20.70	20.66	20.73	22.00
10	16QAM	1	0	21.03	21.03	20.90	22.00
10	16QAM	1	25	21.23	21.08	21.09	22.00
10	16QAM	1	49	21.15	20.98	20.99	22.00
10	16QAM	25	0	19.83	19.68	19.73	21.00
10	16QAM	25	12	19.85	19.75	19.61	21.00
10	16QAM	25	25	19.77	19.68	19.63	21.00
10	16QAM	50	0	19.72	19.69	19.57	21.00
10	64QAM	1	0	19.93	19.88	19.85	21.00
10	64QAM	1	25	20.09	19.90	19.88	21.00
10	64QAM	1	49	19.83	19.83	19.78	21.00
10	64QAM	25	0	18.85	18.70	18.65	20.00
10	64QAM	25	12	18.68	18.70	18.57	20.00
10	64QAM	25	25	18.65	18.73	18.60	20.00
10	64QAM	50	0	18.82	18.74	18.69	20.00
10	256QAM	1	0	16.86	16.86	16.77	18.00
10	256QAM	1	25	16.92	16.89	16.77	18.00
10	256QAM	1	49	16.85	16.80	16.56	18.00
10	256QAM	25	0	16.83	16.67	16.64	18.00
10	256QAM	25	12	16.78	16.69	16.65	18.00
10	256QAM	25	25	16.69	16.61	16.70	18.00
10	256QAM	50	0	16.66	16.75	16.71	18.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.90	21.74	21.70	23.00
5	QPSK	1	12	21.84	21.72	21.60	23.00
5	QPSK	1	24	21.69	21.66	21.53	23.00
5	QPSK	12	0	20.72	20.77	20.67	22.00
5	QPSK	12	7	20.71	20.70	20.61	22.00
5	QPSK	12	13	20.73	20.71	20.64	22.00
5	QPSK	25	0	20.69	20.67	20.78	22.00
5	16QAM	1	0	21.01	21.00	20.93	22.00
5	16QAM	1	12	21.15	21.14	21.05	22.00
5	16QAM	1	24	21.10	21.00	20.92	22.00



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5	16QAM	12	0	19.72	19.73	19.69	21.00
5	16QAM	12	7	19.75	19.64	19.68	21.00
5	16QAM	12	13	19.73	19.71	19.58	21.00
5	16QAM	25	0	19.70	19.74	19.65	21.00
5	64QAM	1	0	19.85	19.94	19.88	21.00
5	64QAM	1	12	20.05	19.92	19.82	21.00
5	64QAM	1	24	19.94	19.85	19.81	21.00
5	64QAM	12	0	18.81	18.77	18.61	20.00
5	64QAM	12	7	18.72	18.71	18.62	20.00
5	64QAM	12	13	18.64	18.65	18.61	20.00
5	64QAM	25	0	18.84	18.78	18.63	20.00
5	256QAM	1	0	16.92	16.83	16.81	18.00
5	256QAM	1	12	16.86	16.89	16.72	18.00
5	256QAM	1	24	16.76	16.80	16.62	18.00
5	256QAM	12	0	16.83	16.68	16.69	18.00
5	256QAM	12	7	16.70	16.73	16.65	18.00
5	256QAM	12	13	16.65	16.66	16.69	18.00
5	256QAM	25	0	16.69	16.75	16.74	18.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.86	21.68	21.67	23.00
3	QPSK	1	8	21.73	21.70	21.57	23.00
3	QPSK	1	14	21.66	21.71	21.49	23.00
3	QPSK	8	0	20.68	20.77	20.69	22.00
3	QPSK	8	4	20.63	20.65	20.65	22.00
3	QPSK	8	7	20.67	20.62	20.59	22.00
3	QPSK	15	0	20.71	20.74	20.74	22.00
3	16QAM	1	0	21.05	21.04	20.95	22.00
3	16QAM	1	8	21.23	21.12	21.00	22.00
3	16QAM	1	14	21.03	21.04	20.98	22.00
3	16QAM	8	0	19.80	19.72	19.62	21.00
3	16QAM	8	4	19.80	19.73	19.62	21.00
3	16QAM	8	7	19.73	19.62	19.65	21.00
3	16QAM	15	0	19.77	19.72	19.65	21.00
3	64QAM	1	0	19.92	19.90	19.86	21.00
3	64QAM	1	8	20.04	19.91	19.80	21.00
3	64QAM	1	14	19.86	19.85	19.82	21.00
3	64QAM	8	0	18.75	18.76	18.59	20.00
3	64QAM	8	4	18.75	18.74	18.66	20.00
3	64QAM	8	7	18.68	18.70	18.68	20.00
3	64QAM	15	0	18.76	18.72	18.71	20.00
3	256QAM	1	0	16.84	16.85	16.72	18.00
3	256QAM	1	8	16.91	16.86	16.72	18.00
3	256QAM	1	14	16.79	16.78	16.66	18.00
3	256QAM	8	0	16.80	16.74	16.67	18.00
3	256QAM	8	4	16.67	16.75	16.69	18.00
3	256QAM	8	7	16.69	16.62	16.68	18.00
3	256QAM	15	0	16.64	16.75	16.64	18.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.86	21.71	21.66	23.00
1.4	QPSK	1	3	21.85	21.69	21.58	23.00
1.4	QPSK	1	5	21.63	21.63	21.60	23.00
1.4	QPSK	3	0	21.78	21.81	21.65	23.00
1.4	QPSK	3	1	21.68	21.67	21.58	23.00
1.4	QPSK	3	3	21.70	21.66	21.65	23.00
1.4	QPSK	6	0	20.66	20.67	20.68	22.00
1.4	16QAM	1	0	21.02	21.07	20.85	22.00
1.4	16QAM	1	3	21.18	21.12	21.03	22.00
1.4	16QAM	1	5	21.05	20.98	20.93	22.00
1.4	16QAM	3	0	20.80	20.76	20.62	22.00
1.4	16QAM	3	1	20.83	20.66	20.61	22.00
1.4	16QAM	3	3	20.77	20.64	20.63	22.00
1.4	16QAM	6	0	19.70	19.74	19.62	21.00
1.4	64QAM	1	0	19.93	19.91	19.86	21.00
1.4	64QAM	1	3	20.02	19.97	19.84	21.00
1.4	64QAM	1	5	19.90	19.84	19.74	21.00
1.4	64QAM	3	0	19.86	19.68	19.68	21.00
1.4	64QAM	3	1	19.71	19.71	19.64	21.00
1.4	64QAM	3	3	19.60	19.65	19.69	21.00
1.4	64QAM	6	0	18.82	18.72	18.71	20.00
1.4	256QAM	1	0	16.88	16.87	16.76	18.00
1.4	256QAM	1	3	16.87	16.88	16.78	18.00
1.4	256QAM	1	5	16.74	16.79	16.63	18.00
1.4	256QAM	3	0	16.72	16.76	16.66	18.00
1.4	256QAM	3	1	16.65	16.64	16.69	18.00
1.4	256QAM	3	3	16.61	16.73	16.61	18.00
1.4	256QAM	6	0	16.70	16.70	16.70	18.00



【LTE Band 26__FCC (814~849MHz)_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.48	21.55	21.48	22.50
15	QPSK	1	37	21.38	21.42	21.46	22.50
15	QPSK	1	74	21.45	21.39	21.46	22.50
15	QPSK	36	0	20.83	20.82	20.73	22.00
15	QPSK	36	20	20.76	20.78	20.69	22.00
15	QPSK	36	39	20.78	20.77	20.69	22.00
15	QPSK	75	0	20.79	20.81	20.80	22.00
15	16QAM	1	0	21.15	21.09	20.98	22.00
15	16QAM	1	37	21.28	21.18	21.15	22.00
15	16QAM	1	74	21.17	21.09	21.01	22.00
15	16QAM	36	0	19.84	19.79	19.76	21.00
15	16QAM	36	20	19.88	19.78	19.73	21.00
15	16QAM	36	39	19.83	19.76	19.72	21.00
15	16QAM	75	0	19.79	19.79	19.66	21.00
15	64QAM	1	0	19.99	19.96	19.92	21.00
15	64QAM	1	37	20.11	20.04	19.94	21.00
15	64QAM	1	74	19.98	19.95	19.83	21.00
15	64QAM	36	0	18.88	18.81	18.70	20.00
15	64QAM	36	20	18.78	18.79	18.69	20.00
15	64QAM	36	39	18.72	18.76	18.72	20.00
15	64QAM	75	0	18.89	18.81	18.73	20.00
15	256QAM	1	0	16.95	16.89	16.86	18.00
15	256QAM	1	37	16.96	16.93	16.80	18.00
15	256QAM	1	74	16.89	16.85	16.71	18.00
15	256QAM	36	0	16.87	16.81	16.79	18.00
15	256QAM	36	20	16.80	16.78	16.77	18.00
15	256QAM	36	39	16.72	16.76	16.75	18.00
15	256QAM	75	0	16.79	16.79	16.78	18.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.38	21.47	21.39	22.50
10	QPSK	1	25	21.30	21.33	21.44	22.50
10	QPSK	1	49	21.33	21.34	21.45	22.50
10	QPSK	25	0	20.78	20.70	20.59	22.00
10	QPSK	25	12	20.66	20.69	20.63	22.00
10	QPSK	25	25	20.69	20.63	20.62	22.00
10	QPSK	50	0	20.70	20.66	20.73	22.00
10	16QAM	1	0	21.03	21.03	20.90	22.00
10	16QAM	1	25	21.23	21.08	21.09	22.00
10	16QAM	1	49	21.15	20.98	20.99	22.00
10	16QAM	25	0	19.83	19.68	19.73	21.00
10	16QAM	25	12	19.85	19.75	19.61	21.00
10	16QAM	25	25	19.77	19.68	19.63	21.00
10	16QAM	50	0	19.72	19.69	19.57	21.00
10	64QAM	1	0	19.93	19.88	19.85	21.00
10	64QAM	1	25	20.09	19.90	19.88	21.00
10	64QAM	1	49	19.83	19.83	19.78	21.00
10	64QAM	25	0	18.85	18.70	18.65	20.00
10	64QAM	25	12	18.68	18.70	18.57	20.00
10	64QAM	25	25	18.65	18.73	18.60	20.00
10	64QAM	50	0	18.82	18.74	18.69	20.00
10	256QAM	1	0	16.86	16.86	16.77	18.00
10	256QAM	1	25	16.92	16.89	16.77	18.00
10	256QAM	1	49	16.85	16.80	16.56	18.00
10	256QAM	25	0	16.83	16.67	16.64	18.00
10	256QAM	25	12	16.78	16.69	16.65	18.00
10	256QAM	25	25	16.69	16.61	16.70	18.00
10	256QAM	50	0	16.66	16.75	16.71	18.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.38	21.41	21.35	22.50
5	QPSK	1	12	21.32	21.30	21.32	22.50
5	QPSK	1	24	21.38	21.26	21.40	22.50
5	QPSK	12	0	20.72	20.77	20.67	22.00
5	QPSK	12	7	20.71	20.70	20.61	22.00
5	QPSK	12	13	20.73	20.71	20.64	22.00
5	QPSK	25	0	20.69	20.67	20.78	22.00
5	16QAM	1	0	21.01	21.00	20.93	22.00
5	16QAM	1	12	21.15	21.14	21.05	22.00
5	16QAM	1	24	21.10	21.00	20.92	22.00



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5	16QAM	12	0	19.72	19.73	19.69	21.00
5	16QAM	12	7	19.75	19.64	19.68	21.00
5	16QAM	12	13	19.73	19.71	19.58	21.00
5	16QAM	25	0	19.70	19.74	19.65	21.00
5	64QAM	1	0	19.85	19.94	19.88	21.00
5	64QAM	1	12	20.05	19.92	19.82	21.00
5	64QAM	1	24	19.94	19.85	19.81	21.00
5	64QAM	12	0	18.81	18.77	18.61	20.00
5	64QAM	12	7	18.72	18.71	18.62	20.00
5	64QAM	12	13	18.64	18.65	18.61	20.00
5	64QAM	25	0	18.84	18.78	18.63	20.00
5	256QAM	1	0	16.92	16.83	16.81	18.00
5	256QAM	1	12	16.86	16.89	16.72	18.00
5	256QAM	1	24	16.76	16.80	16.62	18.00
5	256QAM	12	0	16.83	16.68	16.69	18.00
5	256QAM	12	7	16.70	16.73	16.65	18.00
5	256QAM	12	13	16.65	16.66	16.69	18.00
5	256QAM	25	0	16.69	16.75	16.74	18.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.34	21.48	21.45	22.50
3	QPSK	1	8	21.25	21.36	21.35	22.50
3	QPSK	1	14	21.41	21.27	21.44	22.50
3	QPSK	8	0	20.68	20.77	20.69	22.00
3	QPSK	8	4	20.63	20.65	20.65	22.00
3	QPSK	8	7	20.67	20.62	20.59	22.00
3	QPSK	15	0	20.71	20.74	20.74	22.00
3	16QAM	1	0	21.05	21.04	20.95	22.00
3	16QAM	1	8	21.23	21.12	21.00	22.00
3	16QAM	1	14	21.03	21.04	20.98	22.00
3	16QAM	8	0	19.80	19.72	19.62	21.00
3	16QAM	8	4	19.80	19.73	19.62	21.00
3	16QAM	8	7	19.73	19.62	19.65	21.00
3	16QAM	15	0	19.77	19.72	19.65	21.00
3	64QAM	1	0	19.92	19.90	19.86	21.00
3	64QAM	1	8	20.04	19.91	19.80	21.00
3	64QAM	1	14	19.86	19.85	19.82	21.00
3	64QAM	8	0	18.75	18.76	18.59	20.00
3	64QAM	8	4	18.75	18.74	18.66	20.00
3	64QAM	8	7	18.68	18.70	18.68	20.00
3	64QAM	15	0	18.76	18.72	18.71	20.00
3	256QAM	1	0	16.84	16.85	16.72	18.00
3	256QAM	1	8	16.91	16.86	16.72	18.00
3	256QAM	1	14	16.79	16.78	16.66	18.00
3	256QAM	8	0	16.80	16.74	16.67	18.00
3	256QAM	8	4	16.67	16.75	16.69	18.00
3	256QAM	8	7	16.69	16.62	16.68	18.00
3	256QAM	15	0	16.64	16.75	16.64	18.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.43	21.40	21.35	22.50
1.4	QPSK	1	3	21.28	21.30	21.42	22.50
1.4	QPSK	1	5	21.37	21.28	21.42	22.50
1.4	QPSK	3	0	21.26	21.40	21.39	22.50
1.4	QPSK	3	1	21.30	21.29	21.24	22.50
1.4	QPSK	3	3	21.27	21.36	21.28	22.50
1.4	QPSK	6	0	20.66	20.67	20.68	22.00
1.4	16QAM	1	0	21.02	21.07	20.85	22.00
1.4	16QAM	1	3	21.18	21.12	21.03	22.00
1.4	16QAM	1	5	21.05	20.98	20.93	22.00
1.4	16QAM	3	0	20.80	20.76	20.62	22.00
1.4	16QAM	3	1	20.83	20.66	20.61	22.00
1.4	16QAM	3	3	20.77	20.64	20.63	22.00
1.4	16QAM	6	0	19.70	19.74	19.62	21.00
1.4	64QAM	1	0	19.93	19.91	19.86	21.00
1.4	64QAM	1	3	20.02	19.97	19.84	21.00
1.4	64QAM	1	5	19.90	19.84	19.74	21.00
1.4	64QAM	3	0	19.86	19.68	19.68	21.00
1.4	64QAM	3	1	19.71	19.71	19.64	21.00
1.4	64QAM	3	3	19.60	19.65	19.69	21.00
1.4	64QAM	6	0	18.82	18.72	18.71	20.00
1.4	256QAM	1	0	16.88	16.87	16.76	18.00
1.4	256QAM	1	3	16.87	16.88	16.78	18.00
1.4	256QAM	1	5	16.74	16.79	16.63	18.00
1.4	256QAM	3	0	16.72	16.76	16.66	18.00
1.4	256QAM	3	1	16.65	16.64	16.69	18.00
1.4	256QAM	3	3	16.61	16.73	16.61	18.00
1.4	256QAM	6	0	16.70	16.70	16.70	18.00



【LTE Band 26__FCC (814~849MHz)_Ant 4_ECI 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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	19.37	19.33	19.32	20.10
15	QPSK	1	37	19.28	19.28	19.19	20.10
15	QPSK	1	74	19.21	19.28	19.23	20.10
15	QPSK	36	0	19.28	19.31	19.25	20.10
15	QPSK	36	20	19.25	19.23	19.23	20.10
15	QPSK	36	39	19.24	19.30	19.23	20.10
15	QPSK	75	0	19.29	19.21	19.15	20.10
15	16QAM	1	0	19.22	19.25	19.26	20.10
15	16QAM	1	37	19.21	19.28	19.16	20.10
15	16QAM	1	74	19.29	19.23	19.24	20.10
15	16QAM	36	0	19.23	19.24	19.19	20.10
15	16QAM	36	20	19.18	19.27	19.23	20.10
15	16QAM	36	39	19.26	19.30	19.25	20.10
15	16QAM	75	0	19.25	19.23	19.24	20.10
15	64QAM	1	0	19.23	19.23	19.23	20.10
15	64QAM	1	37	19.21	19.29	19.15	20.10
15	64QAM	1	74	19.20	19.25	19.15	20.10
15	64QAM	36	0	18.88	18.81	18.70	19.60
15	64QAM	36	20	18.78	18.79	18.69	19.60
15	64QAM	36	39	18.72	18.76	18.72	19.60
15	64QAM	75	0	18.89	18.81	18.73	19.60
15	256QAM	1	0	16.95	16.89	16.86	17.60
15	256QAM	1	37	16.96	16.93	16.80	17.60
15	256QAM	1	74	16.89	16.85	16.71	17.60
15	256QAM	36	0	16.87	16.81	16.79	17.60
15	256QAM	36	20	16.80	16.78	16.77	17.60
15	256QAM	36	39	16.72	16.76	16.75	17.60
15	256QAM	75	0	16.79	16.79	16.78	17.60
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	19.32	19.21	19.30	20.10
10	QPSK	1	25	19.18	19.26	19.17	20.10
10	QPSK	1	49	19.17	19.15	19.19	20.10
10	QPSK	25	0	19.14	19.17	19.10	20.10
10	QPSK	25	12	19.14	19.15	19.20	20.10
10	QPSK	25	25	19.21	19.26	19.11	20.10
10	QPSK	50	0	19.17	19.19	19.14	20.10
10	16QAM	1	0	19.19	19.22	19.11	20.10
10	16QAM	1	25	19.18	19.17	19.07	20.10
10	16QAM	1	49	19.27	19.12	19.12	20.10
10	16QAM	25	0	19.15	19.09	19.16	20.10
10	16QAM	25	12	19.13	19.16	19.15	20.10
10	16QAM	25	25	19.15	19.28	19.10	20.10
10	16QAM	50	0	19.19	19.12	19.14	20.10
10	64QAM	1	0	19.20	19.18	19.09	20.10
10	64QAM	1	25	19.14	19.16	19.11	20.10
10	64QAM	1	49	19.10	19.21	19.08	20.10
10	64QAM	25	0	18.81	18.66	18.65	19.60
10	64QAM	25	12	18.72	18.77	18.62	19.60
10	64QAM	25	25	18.58	18.64	18.61	19.60
10	64QAM	50	0	18.80	18.71	18.58	19.60
10	256QAM	1	0	16.88	16.87	16.83	17.60
10	256QAM	1	25	16.82	16.89	16.67	17.60
10	256QAM	1	49	16.82	16.74	16.60	17.60
10	256QAM	25	0	16.85	16.74	16.65	17.60
10	256QAM	25	12	16.76	16.64	16.67	17.60
10	256QAM	25	25	16.71	16.65	16.62	17.60
10	256QAM	50	0	16.70	16.75	16.69	17.60
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	19.26	19.22	19.31	20.10
5	QPSK	1	12	19.26	19.21	19.06	20.10
5	QPSK	1	24	19.15	19.17	19.12	20.10
5	QPSK	12	0	19.18	19.26	19.21	20.10
5	QPSK	12	7	19.22	19.16	19.21	20.10
5	QPSK	12	13	19.22	19.20	19.15	20.10
5	QPSK	25	0	19.28	19.10	19.07	20.10
5	16QAM	1	0	19.18	19.16	19.15	20.10
5	16QAM	1	12	19.08	19.25	19.07	20.10
5	16QAM	1	24	19.27	19.09	19.21	20.10



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5	16QAM	12	0	19.15	19.10	19.17	20.10
5	16QAM	12	7	19.14	19.22	19.10	20.10
5	16QAM	12	13	19.20	19.20	19.20	20.10
5	16QAM	25	0	19.15	19.21	19.11	20.10
5	64QAM	1	0	19.22	19.16	19.10	20.10
5	64QAM	1	12	19.10	19.24	19.14	20.10
5	64QAM	1	24	19.17	19.19	19.08	20.10
5	64QAM	12	0	18.85	18.79	18.57	19.60
5	64QAM	12	7	18.72	18.78	18.67	19.60
5	64QAM	12	13	18.66	18.69	18.59	19.60
5	64QAM	25	0	18.80	18.73	18.64	19.60
5	256QAM	1	0	16.86	16.79	16.78	17.60
5	256QAM	1	12	16.84	16.84	16.78	17.60
5	256QAM	1	24	16.85	16.79	16.60	17.60
5	256QAM	12	0	16.77	16.76	16.64	17.60
5	256QAM	12	7	16.75	16.77	16.63	17.60
5	256QAM	12	13	16.58	16.71	16.65	17.60
5	256QAM	25	0	16.74	16.70	16.72	17.60
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	19.24	19.22	19.26	20.10
3	QPSK	1	8	19.17	19.26	19.04	20.10
3	QPSK	1	14	19.17	19.16	19.16	20.10
3	QPSK	8	0	19.20	19.26	19.16	20.10
3	QPSK	8	4	19.23	19.16	19.18	20.10
3	QPSK	8	7	19.16	19.21	19.19	20.10
3	QPSK	15	0	19.19	19.09	19.05	20.10
3	16QAM	1	0	19.11	19.23	19.20	20.10
3	16QAM	1	8	19.17	19.14	19.13	20.10
3	16QAM	1	14	19.18	19.16	19.11	20.10
3	16QAM	8	0	19.14	19.18	19.13	20.10
3	16QAM	8	4	19.13	19.18	19.10	20.10
3	16QAM	8	7	19.12	19.26	19.15	20.10
3	16QAM	15	0	19.13	19.21	19.18	20.10
3	64QAM	1	0	19.19	19.17	19.21	20.10
3	64QAM	1	8	19.12	19.14	19.11	20.10
3	64QAM	1	14	19.08	19.20	19.13	20.10
3	64QAM	8	0	18.73	18.68	18.63	19.60
3	64QAM	8	4	18.67	18.75	18.59	19.60
3	64QAM	8	7	18.59	18.61	18.66	19.60
3	64QAM	15	0	18.76	18.78	18.60	19.60
3	256QAM	1	0	16.85	16.84	16.81	17.60
3	256QAM	1	8	16.87	16.86	16.69	17.60
3	256QAM	1	14	16.78	16.73	16.66	17.60
3	256QAM	8	0	16.80	16.75	16.73	17.60
3	256QAM	8	4	16.71	16.71	16.65	17.60
3	256QAM	8	7	16.62	16.63	16.73	17.60
3	256QAM	15	0	16.69	16.72	16.75	17.60
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	19.30	19.29	19.28	20.10
1.4	QPSK	1	3	19.23	19.22	19.17	20.10
1.4	QPSK	1	5	19.10	19.25	19.16	20.10
1.4	QPSK	3	0	19.26	19.22	19.16	20.10
1.4	QPSK	3	1	19.18	19.08	19.21	20.10
1.4	QPSK	3	3	19.16	19.16	19.22	20.10
1.4	QPSK	6	0	19.23	19.16	19.08	20.10
1.4	16QAM	1	0	19.10	19.15	19.14	20.10
1.4	16QAM	1	3	19.19	19.15	19.11	20.10
1.4	16QAM	1	5	19.18	19.11	19.09	20.10
1.4	16QAM	3	0	19.17	19.11	19.10	20.10
1.4	16QAM	3	1	19.11	19.26	19.14	20.10
1.4	16QAM	3	3	19.22	19.27	19.17	20.10
1.4	16QAM	6	0	19.18	19.21	19.21	20.10
1.4	64QAM	1	0	19.16	19.09	19.14	20.10
1.4	64QAM	1	3	19.09	19.23	19.03	20.10
1.4	64QAM	1	5	19.11	19.20	19.13	20.10
1.4	64QAM	3	0	18.78	18.67	18.56	20.10
1.4	64QAM	3	1	18.72	18.69	18.63	20.10
1.4	64QAM	3	3	18.58	18.72	18.66	20.10
1.4	64QAM	6	0	18.81	18.74	18.70	19.60
1.4	256QAM	1	0	16.87	16.85	16.77	17.60
1.4	256QAM	1	3	16.86	16.83	16.75	17.60
1.4	256QAM	1	5	16.75	16.71	16.66	17.60
1.4	256QAM	3	0	16.83	16.68	16.78	17.60
1.4	256QAM	3	1	16.71	16.71	16.66	17.60
1.4	256QAM	3	3	16.59	16.63	16.63	17.60
1.4	256QAM	6	0	16.64	16.64	16.68	17.60



【LTE Band 26__FCC (814~849MHz)_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.48	21.55	21.48	22.50
15	QPSK	1	37	21.38	21.42	21.46	22.50
15	QPSK	1	74	21.45	21.39	21.46	22.50
15	QPSK	36	0	21.40	21.46	21.42	21.80
15	QPSK	36	20	21.37	21.40	21.35	21.80
15	QPSK	36	39	21.33	21.37	21.39	21.80
15	QPSK	75	0	21.39	21.43	21.38	21.80
15	16QAM	1	0	21.41	21.36	21.35	21.80
15	16QAM	1	37	21.45	21.46	21.41	21.80
15	16QAM	1	74	21.35	21.36	21.35	21.80
15	16QAM	36	0	19.84	19.79	19.76	20.80
15	16QAM	36	20	19.88	19.78	19.73	20.80
15	16QAM	36	39	19.83	19.76	19.72	20.80
15	16QAM	75	0	19.79	19.79	19.66	20.80
15	64QAM	1	0	19.99	19.96	19.92	20.80
15	64QAM	1	37	20.11	20.04	19.94	20.80
15	64QAM	1	74	19.98	19.95	19.83	20.80
15	64QAM	36	0	18.88	18.81	18.70	19.80
15	64QAM	36	20	18.78	18.79	18.69	19.80
15	64QAM	36	39	18.72	18.76	18.72	19.80
15	64QAM	75	0	18.89	18.81	18.73	19.80
15	256QAM	1	0	16.95	16.89	16.86	17.80
15	256QAM	1	37	16.96	16.93	16.80	17.80
15	256QAM	1	74	16.89	16.85	16.71	17.80
15	256QAM	36	0	16.87	16.81	16.79	17.80
15	256QAM	36	20	16.80	16.78	16.77	17.80
15	256QAM	36	39	16.72	16.76	16.75	17.80
15	256QAM	75	0	16.79	16.79	16.78	17.80
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.37	21.48	21.36	22.50
10	QPSK	1	25	21.25	21.33	21.40	22.50
10	QPSK	1	49	21.34	21.26	21.43	22.50
10	QPSK	25	0	21.36	21.37	21.40	21.80
10	QPSK	25	12	21.25	21.33	21.20	21.80
10	QPSK	25	25	21.27	21.29	21.34	21.80
10	QPSK	50	0	21.33	21.31	21.31	21.80
10	16QAM	1	0	21.34	21.27	21.29	21.80
10	16QAM	1	25	21.31	21.34	21.37	21.80
10	16QAM	1	49	21.29	21.26	21.28	21.80
10	16QAM	25	0	19.73	19.67	19.65	20.80
10	16QAM	25	12	19.74	19.74	19.60	20.80
10	16QAM	25	25	19.73	19.70	19.69	20.80
10	16QAM	50	0	19.70	19.76	19.53	20.80
10	64QAM	1	0	19.94	19.95	19.78	20.80
10	64QAM	1	25	20.07	19.95	19.93	20.80
10	64QAM	1	49	19.86	19.90	19.80	20.80
10	64QAM	25	0	18.78	18.73	18.57	19.80
10	64QAM	25	12	18.74	18.75	18.62	19.80
10	64QAM	25	25	18.57	18.72	18.59	19.80
10	64QAM	50	0	18.79	18.70	18.64	19.80
10	256QAM	1	0	16.89	16.78	16.79	17.80
10	256QAM	1	25	16.91	16.89	16.73	17.80
10	256QAM	1	49	16.87	16.80	16.68	17.80
10	256QAM	25	0	16.78	16.69	16.72	17.80
10	256QAM	25	12	16.71	16.63	16.73	17.80
10	256QAM	25	25	16.69	16.73	16.63	17.80
10	256QAM	50	0	16.70	16.76	16.72	17.80
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.37	21.48	21.34	22.50
5	QPSK	1	12	21.26	21.38	21.34	22.50
5	QPSK	1	24	21.39	21.24	21.35	22.50
5	QPSK	12	0	21.29	21.40	21.34	21.80
5	QPSK	12	7	21.35	21.25	21.25	21.80
5	QPSK	12	13	21.28	21.24	21.33	21.80
5	QPSK	25	0	21.28	21.37	21.26	21.80
5	16QAM	1	0	21.39	21.27	21.31	21.80
5	16QAM	1	12	21.30	21.31	21.31	21.80
5	16QAM	1	24	21.31	21.35	21.23	21.80



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5	16QAM	12	0	19.73	19.71	19.63	20.80
5	16QAM	12	7	19.83	19.77	19.62	20.80
5	16QAM	12	13	19.74	19.72	19.71	20.80
5	16QAM	25	0	19.70	19.65	19.53	20.80
5	64QAM	1	0	19.94	19.83	19.80	20.80
5	64QAM	1	12	20.00	20.01	19.93	20.80
5	64QAM	1	24	19.84	19.83	19.70	20.80
5	64QAM	12	0	18.77	18.80	18.66	19.80
5	64QAM	12	7	18.65	18.65	18.62	19.80
5	64QAM	12	13	18.70	18.67	18.60	19.80
5	64QAM	25	0	18.88	18.75	18.62	19.80
5	256QAM	1	0	16.90	16.75	16.72	17.80
5	256QAM	1	12	16.85	16.90	16.74	17.80
5	256QAM	1	24	16.82	16.82	16.63	17.80
5	256QAM	12	0	16.79	16.80	16.67	17.80
5	256QAM	12	7	16.75	16.72	16.65	17.80
5	256QAM	12	13	16.62	16.70	16.63	17.80
5	256QAM	25	0	16.74	16.74	16.68	17.80
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.37	21.53	21.33	22.50
3	QPSK	1	8	21.25	21.35	21.32	22.50
3	QPSK	1	14	21.38	21.33	21.43	22.50
3	QPSK	8	0	21.37	21.42	21.39	21.80
3	QPSK	8	4	21.24	21.35	21.27	21.80
3	QPSK	8	7	21.22	21.34	21.26	21.80
3	QPSK	15	0	21.28	21.40	21.33	21.80
3	16QAM	1	0	21.37	21.33	21.30	21.80
3	16QAM	1	8	21.42	21.43	21.40	21.80
3	16QAM	1	14	21.27	21.32	21.23	21.80
3	16QAM	8	0	19.77	19.67	19.74	20.80
3	16QAM	8	4	19.85	19.73	19.70	20.80
3	16QAM	8	7	19.75	19.72	19.69	20.80
3	16QAM	15	0	19.64	19.76	19.58	20.80
3	64QAM	1	0	19.87	19.85	19.89	20.80
3	64QAM	1	8	20.05	19.92	19.84	20.80
3	64QAM	1	14	19.87	19.88	19.81	20.80
3	64QAM	8	0	18.77	18.80	18.60	19.80
3	64QAM	8	4	18.72	18.68	18.58	19.80
3	64QAM	8	7	18.59	18.72	18.64	19.80
3	64QAM	15	0	18.88	18.73	18.72	19.80
3	256QAM	1	0	16.90	16.79	16.80	17.80
3	256QAM	1	8	16.92	16.85	16.69	17.80
3	256QAM	1	14	16.87	16.82	16.56	17.80
3	256QAM	8	0	16.74	16.78	16.75	17.80
3	256QAM	8	4	16.70	16.73	16.71	17.80
3	256QAM	8	7	16.64	16.71	16.66	17.80
3	256QAM	15	0	16.67	16.69	16.72	17.80
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.43	21.44	21.36	22.50
1.4	QPSK	1	3	21.26	21.29	21.42	22.50
1.4	QPSK	1	5	21.34	21.27	21.43	22.50
1.4	QPSK	3	0	21.97	22.02	22.06	22.50
1.4	QPSK	3	1	22.05	22.05	21.92	22.50
1.4	QPSK	3	3	21.96	21.99	21.99	22.50
1.4	QPSK	6	0	21.33	21.41	21.35	21.80
1.4	16QAM	1	0	21.38	21.31	21.30	21.80
1.4	16QAM	1	3	21.41	21.36	21.34	21.80
1.4	16QAM	1	5	21.21	21.26	21.29	21.80
1.4	16QAM	3	0	20.74	20.76	20.72	21.80
1.4	16QAM	3	1	20.78	20.74	20.61	21.80
1.4	16QAM	3	3	20.77	20.67	20.61	21.80
1.4	16QAM	6	0	19.66	19.67	19.52	20.80
1.4	64QAM	1	0	19.95	19.90	19.80	20.80
1.4	64QAM	1	3	20.01	19.92	19.84	20.80
1.4	64QAM	1	5	19.92	19.90	19.71	20.80
1.4	64QAM	3	0	19.76	19.73	19.58	20.80
1.4	64QAM	3	1	19.63	19.68	19.65	20.80
1.4	64QAM	3	3	19.62	19.64	19.57	20.80
1.4	64QAM	6	0	18.84	18.70	18.67	19.80
1.4	256QAM	1	0	16.84	16.83	16.79	17.80
1.4	256QAM	1	3	16.85	16.82	16.76	17.80
1.4	256QAM	1	5	16.85	16.70	16.68	17.80
1.4	256QAM	3	0	16.72	16.79	16.76	17.80
1.4	256QAM	3	1	16.74	16.70	16.64	17.80
1.4	256QAM	3	3	16.57	16.74	16.71	17.80
1.4	256QAM	6	0	16.74	16.72	16.64	17.80

**【LTE Band 26__FCC (814~849MHz)_Ant 4_ECI 6】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.92	21.79	21.80	23.00
15	QPSK	1	37	21.88	21.78	21.69	23.00
15	QPSK	1	74	21.72	21.74	21.62	23.00
15	QPSK	36	0	20.83	20.82	20.73	22.00
15	QPSK	36	20	20.76	20.78	20.69	22.00
15	QPSK	36	39	20.78	20.77	20.69	22.00
15	QPSK	75	0	20.79	20.81	20.80	22.00
15	16QAM	1	0	21.15	21.09	20.98	22.00
15	16QAM	1	37	21.28	21.18	21.15	22.00
15	16QAM	1	74	21.17	21.09	21.01	22.00
15	16QAM	36	0	19.84	19.79	19.76	21.00
15	16QAM	36	20	19.88	19.78	19.73	21.00
15	16QAM	36	39	19.83	19.76	19.72	21.00
15	16QAM	75	0	19.79	19.79	19.66	21.00
15	64QAM	1	0	19.99	19.96	19.92	21.00
15	64QAM	1	37	20.11	20.04	19.94	21.00
15	64QAM	1	74	19.98	19.95	19.83	21.00
15	64QAM	36	0	18.88	18.81	18.70	20.00
15	64QAM	36	20	18.78	18.79	18.69	20.00
15	64QAM	36	39	18.72	18.76	18.72	20.00
15	64QAM	75	0	18.89	18.81	18.73	20.00
15	256QAM	1	0	16.95	16.89	16.86	18.00
15	256QAM	1	37	16.96	16.93	16.80	18.00
15	256QAM	1	74	16.89	16.85	16.71	18.00
15	256QAM	36	0	16.87	16.81	16.79	18.00
15	256QAM	36	20	16.80	16.78	16.77	18.00
15	256QAM	36	39	16.72	16.76	16.75	18.00
15	256QAM	75	0	16.79	16.79	16.78	18.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.90	21.76	21.69	23.00
10	QPSK	1	25	21.84	21.77	21.65	23.00
10	QPSK	1	49	21.61	21.64	21.48	23.00
10	QPSK	25	0	20.78	20.70	20.59	22.00
10	QPSK	25	12	20.66	20.69	20.63	22.00
10	QPSK	25	25	20.69	20.63	20.62	22.00
10	QPSK	50	0	20.70	20.66	20.73	22.00
10	16QAM	1	0	21.03	21.03	20.90	22.00
10	16QAM	1	25	21.23	21.08	21.09	22.00
10	16QAM	1	49	21.15	20.98	20.99	22.00
10	16QAM	25	0	19.83	19.68	19.73	21.00
10	16QAM	25	12	19.85	19.75	19.61	21.00
10	16QAM	25	25	19.77	19.68	19.63	21.00
10	16QAM	50	0	19.72	19.69	19.57	21.00
10	64QAM	1	0	19.93	19.88	19.85	21.00
10	64QAM	1	25	20.09	19.90	19.88	21.00
10	64QAM	1	49	19.83	19.83	19.78	21.00
10	64QAM	25	0	18.85	18.70	18.65	20.00
10	64QAM	25	12	18.68	18.70	18.57	20.00
10	64QAM	25	25	18.65	18.73	18.60	20.00
10	64QAM	50	0	18.82	18.74	18.69	20.00
10	256QAM	1	0	16.86	16.86	16.77	18.00
10	256QAM	1	25	16.92	16.89	16.77	18.00
10	256QAM	1	49	16.85	16.80	16.56	18.00
10	256QAM	25	0	16.83	16.67	16.64	18.00
10	256QAM	25	12	16.78	16.69	16.65	18.00
10	256QAM	25	25	16.69	16.61	16.70	18.00
10	256QAM	50	0	16.66	16.75	16.71	18.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.90	21.74	21.70	23.00
5	QPSK	1	12	21.84	21.72	21.60	23.00
5	QPSK	1	24	21.69	21.66	21.53	23.00
5	QPSK	12	0	20.72	20.77	20.67	22.00
5	QPSK	12	7	20.71	20.70	20.61	22.00
5	QPSK	12	13	20.73	20.71	20.64	22.00
5	QPSK	25	0	20.69	20.67	20.78	22.00
5	16QAM	1	0	21.01	21.00	20.93	22.00
5	16QAM	1	12	21.15	21.14	21.05	22.00
5	16QAM	1	24	21.10	21.00	20.92	22.00



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5	16QAM	12	0	19.72	19.73	19.69	21.00
5	16QAM	12	7	19.75	19.64	19.68	21.00
5	16QAM	12	13	19.73	19.71	19.58	21.00
5	16QAM	25	0	19.70	19.74	19.65	21.00
5	64QAM	1	0	19.85	19.94	19.88	21.00
5	64QAM	1	12	20.05	19.92	19.82	21.00
5	64QAM	1	24	19.94	19.85	19.81	21.00
5	64QAM	12	0	18.81	18.77	18.61	20.00
5	64QAM	12	7	18.72	18.71	18.62	20.00
5	64QAM	12	13	18.64	18.65	18.61	20.00
5	64QAM	25	0	18.84	18.78	18.63	20.00
5	256QAM	1	0	16.92	16.83	16.81	18.00
5	256QAM	1	12	16.86	16.89	16.72	18.00
5	256QAM	1	24	16.76	16.80	16.62	18.00
5	256QAM	12	0	16.83	16.68	16.69	18.00
5	256QAM	12	7	16.70	16.73	16.65	18.00
5	256QAM	12	13	16.65	16.66	16.69	18.00
5	256QAM	25	0	16.69	16.75	16.74	18.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.86	21.68	21.67	23.00
3	QPSK	1	8	21.73	21.70	21.57	23.00
3	QPSK	1	14	21.66	21.71	21.49	23.00
3	QPSK	8	0	20.68	20.77	20.69	22.00
3	QPSK	8	4	20.63	20.65	20.65	22.00
3	QPSK	8	7	20.67	20.62	20.59	22.00
3	QPSK	15	0	20.71	20.74	20.74	22.00
3	16QAM	1	0	21.05	21.04	20.95	22.00
3	16QAM	1	8	21.23	21.12	21.00	22.00
3	16QAM	1	14	21.03	21.04	20.98	22.00
3	16QAM	8	0	19.80	19.72	19.62	21.00
3	16QAM	8	4	19.80	19.73	19.62	21.00
3	16QAM	8	7	19.73	19.62	19.65	21.00
3	16QAM	15	0	19.77	19.72	19.65	21.00
3	64QAM	1	0	19.92	19.90	19.86	21.00
3	64QAM	1	8	20.04	19.91	19.80	21.00
3	64QAM	1	14	19.86	19.85	19.82	21.00
3	64QAM	8	0	18.75	18.76	18.59	20.00
3	64QAM	8	4	18.75	18.74	18.66	20.00
3	64QAM	8	7	18.68	18.70	18.68	20.00
3	64QAM	15	0	18.76	18.72	18.71	20.00
3	256QAM	1	0	16.84	16.85	16.72	18.00
3	256QAM	1	8	16.91	16.86	16.72	18.00
3	256QAM	1	14	16.79	16.78	16.66	18.00
3	256QAM	8	0	16.80	16.74	16.67	18.00
3	256QAM	8	4	16.67	16.75	16.69	18.00
3	256QAM	8	7	16.69	16.62	16.68	18.00
3	256QAM	15	0	16.64	16.75	16.64	18.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.86	21.71	21.66	23.00
1.4	QPSK	1	3	21.85	21.69	21.58	23.00
1.4	QPSK	1	5	21.63	21.63	21.60	23.00
1.4	QPSK	3	0	21.78	21.81	21.65	23.00
1.4	QPSK	3	1	21.68	21.67	21.58	23.00
1.4	QPSK	3	3	21.70	21.66	21.65	23.00
1.4	QPSK	6	0	20.66	20.67	20.68	22.00
1.4	16QAM	1	0	21.02	21.07	20.85	22.00
1.4	16QAM	1	3	21.18	21.12	21.03	22.00
1.4	16QAM	1	5	21.05	20.98	20.93	22.00
1.4	16QAM	3	0	20.80	20.76	20.62	22.00
1.4	16QAM	3	1	20.83	20.66	20.61	22.00
1.4	16QAM	3	3	20.77	20.64	20.63	22.00
1.4	16QAM	6	0	19.70	19.74	19.62	21.00
1.4	64QAM	1	0	19.93	19.91	19.86	21.00
1.4	64QAM	1	3	20.02	19.97	19.84	21.00
1.4	64QAM	1	5	19.90	19.84	19.74	21.00
1.4	64QAM	3	0	19.86	19.68	19.68	21.00
1.4	64QAM	3	1	19.71	19.71	19.64	21.00
1.4	64QAM	3	3	19.60	19.65	19.69	21.00
1.4	64QAM	6	0	18.82	18.72	18.71	20.00
1.4	256QAM	1	0	16.88	16.87	16.76	18.00
1.4	256QAM	1	3	16.87	16.88	16.78	18.00
1.4	256QAM	1	5	16.74	16.79	16.63	18.00
1.4	256QAM	3	0	16.72	16.76	16.66	18.00
1.4	256QAM	3	1	16.65	16.64	16.69	18.00
1.4	256QAM	3	3	16.61	16.73	16.61	18.00
1.4	256QAM	6	0	16.70	16.70	16.70	18.00



【LTE Band 26__FCC (814~849MHz)_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.92	21.79	21.80	23.00
15	QPSK	1	37	21.88	21.78	21.69	23.00
15	QPSK	1	74	21.72	21.74	21.62	23.00
15	QPSK	36	0	20.83	20.82	20.73	22.00
15	QPSK	36	20	20.76	20.78	20.69	22.00
15	QPSK	36	39	20.78	20.77	20.69	22.00
15	QPSK	75	0	20.79	20.81	20.80	22.00
15	16QAM	1	0	21.15	21.09	20.98	22.00
15	16QAM	1	37	21.28	21.18	21.15	22.00
15	16QAM	1	74	21.17	21.09	21.01	22.00
15	16QAM	36	0	19.84	19.79	19.76	21.00
15	16QAM	36	20	19.88	19.78	19.73	21.00
15	16QAM	36	39	19.83	19.76	19.72	21.00
15	16QAM	75	0	19.79	19.79	19.66	21.00
15	64QAM	1	0	19.99	19.96	19.92	21.00
15	64QAM	1	37	20.11	20.04	19.94	21.00
15	64QAM	1	74	19.98	19.95	19.83	21.00
15	64QAM	36	0	18.88	18.81	18.70	20.00
15	64QAM	36	20	18.78	18.79	18.69	20.00
15	64QAM	36	39	18.72	18.76	18.72	20.00
15	64QAM	75	0	18.89	18.81	18.73	20.00
15	256QAM	1	0	16.95	16.89	16.86	18.00
15	256QAM	1	37	16.96	16.93	16.80	18.00
15	256QAM	1	74	16.89	16.85	16.71	18.00
15	256QAM	36	0	16.87	16.81	16.79	18.00
15	256QAM	36	20	16.80	16.78	16.77	18.00
15	256QAM	36	39	16.72	16.76	16.75	18.00
15	256QAM	75	0	16.79	16.79	16.78	18.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.90	21.76	21.69	23.00
10	QPSK	1	25	21.84	21.77	21.65	23.00
10	QPSK	1	49	21.61	21.64	21.48	23.00
10	QPSK	25	0	20.78	20.70	20.59	22.00
10	QPSK	25	12	20.66	20.69	20.63	22.00
10	QPSK	25	25	20.69	20.63	20.62	22.00
10	QPSK	50	0	20.70	20.66	20.73	22.00
10	16QAM	1	0	21.03	21.03	20.90	22.00
10	16QAM	1	25	21.23	21.08	21.09	22.00
10	16QAM	1	49	21.15	20.98	20.99	22.00
10	16QAM	25	0	19.83	19.68	19.73	21.00
10	16QAM	25	12	19.85	19.75	19.61	21.00
10	16QAM	25	25	19.77	19.68	19.63	21.00
10	16QAM	50	0	19.72	19.69	19.57	21.00
10	64QAM	1	0	19.93	19.88	19.85	21.00
10	64QAM	1	25	20.09	19.90	19.88	21.00
10	64QAM	1	49	19.83	19.83	19.78	21.00
10	64QAM	25	0	18.85	18.70	18.65	20.00
10	64QAM	25	12	18.68	18.70	18.57	20.00
10	64QAM	25	25	18.65	18.73	18.60	20.00
10	64QAM	50	0	18.82	18.74	18.69	20.00
10	256QAM	1	0	16.86	16.86	16.77	18.00
10	256QAM	1	25	16.92	16.89	16.77	18.00
10	256QAM	1	49	16.85	16.80	16.56	18.00
10	256QAM	25	0	16.83	16.67	16.64	18.00
10	256QAM	25	12	16.78	16.69	16.65	18.00
10	256QAM	25	25	16.69	16.61	16.70	18.00
10	256QAM	50	0	16.66	16.75	16.71	18.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.90	21.74	21.70	23.00
5	QPSK	1	12	21.84	21.72	21.60	23.00
5	QPSK	1	24	21.69	21.66	21.53	23.00
5	QPSK	12	0	20.72	20.77	20.67	22.00
5	QPSK	12	7	20.71	20.70	20.61	22.00
5	QPSK	12	13	20.73	20.71	20.64	22.00
5	QPSK	25	0	20.69	20.67	20.78	22.00
5	16QAM	1	0	21.01	21.00	20.93	22.00
5	16QAM	1	12	21.15	21.14	21.05	22.00
5	16QAM	1	24	21.10	21.00	20.92	22.00



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5	16QAM	12	0	19.72	19.73	19.69	21.00
5	16QAM	12	7	19.75	19.64	19.68	21.00
5	16QAM	12	13	19.73	19.71	19.58	21.00
5	16QAM	25	0	19.70	19.74	19.65	21.00
5	64QAM	1	0	19.85	19.94	19.88	21.00
5	64QAM	1	12	20.05	19.92	19.82	21.00
5	64QAM	1	24	19.94	19.85	19.81	21.00
5	64QAM	12	0	18.81	18.77	18.61	20.00
5	64QAM	12	7	18.72	18.71	18.62	20.00
5	64QAM	12	13	18.64	18.65	18.61	20.00
5	64QAM	25	0	18.84	18.78	18.63	20.00
5	256QAM	1	0	16.92	16.83	16.81	18.00
5	256QAM	1	12	16.86	16.89	16.72	18.00
5	256QAM	1	24	16.76	16.80	16.62	18.00
5	256QAM	12	0	16.83	16.68	16.69	18.00
5	256QAM	12	7	16.70	16.73	16.65	18.00
5	256QAM	12	13	16.65	16.66	16.69	18.00
5	256QAM	25	0	16.69	16.75	16.74	18.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.86	21.68	21.67	23.00
3	QPSK	1	8	21.73	21.70	21.57	23.00
3	QPSK	1	14	21.66	21.71	21.49	23.00
3	QPSK	8	0	20.68	20.77	20.69	22.00
3	QPSK	8	4	20.63	20.65	20.65	22.00
3	QPSK	8	7	20.67	20.62	20.59	22.00
3	QPSK	15	0	20.71	20.74	20.74	22.00
3	16QAM	1	0	21.05	21.04	20.95	22.00
3	16QAM	1	8	21.23	21.12	21.00	22.00
3	16QAM	1	14	21.03	21.04	20.98	22.00
3	16QAM	8	0	19.80	19.72	19.62	21.00
3	16QAM	8	4	19.80	19.73	19.62	21.00
3	16QAM	8	7	19.73	19.62	19.65	21.00
3	16QAM	15	0	19.77	19.72	19.65	21.00
3	64QAM	1	0	19.92	19.90	19.86	21.00
3	64QAM	1	8	20.04	19.91	19.80	21.00
3	64QAM	1	14	19.86	19.85	19.82	21.00
3	64QAM	8	0	18.75	18.76	18.59	20.00
3	64QAM	8	4	18.75	18.74	18.66	20.00
3	64QAM	8	7	18.68	18.70	18.68	20.00
3	64QAM	15	0	18.76	18.72	18.71	20.00
3	256QAM	1	0	16.84	16.85	16.72	18.00
3	256QAM	1	8	16.91	16.86	16.72	18.00
3	256QAM	1	14	16.79	16.78	16.66	18.00
3	256QAM	8	0	16.80	16.74	16.67	18.00
3	256QAM	8	4	16.67	16.75	16.69	18.00
3	256QAM	8	7	16.69	16.62	16.68	18.00
3	256QAM	15	0	16.64	16.75	16.64	18.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.86	21.71	21.66	23.00
1.4	QPSK	1	3	21.85	21.69	21.58	23.00
1.4	QPSK	1	5	21.63	21.63	21.60	23.00
1.4	QPSK	3	0	21.78	21.81	21.65	23.00
1.4	QPSK	3	1	21.68	21.67	21.58	23.00
1.4	QPSK	3	3	21.70	21.66	21.65	23.00
1.4	QPSK	6	0	20.66	20.67	20.68	22.00
1.4	16QAM	1	0	21.02	21.07	20.85	22.00
1.4	16QAM	1	3	21.18	21.12	21.03	22.00
1.4	16QAM	1	5	21.05	20.98	20.93	22.00
1.4	16QAM	3	0	20.80	20.76	20.62	22.00
1.4	16QAM	3	1	20.83	20.66	20.61	22.00
1.4	16QAM	3	3	20.77	20.64	20.63	22.00
1.4	16QAM	6	0	19.70	19.74	19.62	21.00
1.4	64QAM	1	0	19.93	19.91	19.86	21.00
1.4	64QAM	1	3	20.02	19.97	19.84	21.00
1.4	64QAM	1	5	19.90	19.84	19.74	21.00
1.4	64QAM	3	0	19.86	19.68	19.68	21.00
1.4	64QAM	3	1	19.71	19.71	19.64	21.00
1.4	64QAM	3	3	19.60	19.65	19.69	21.00
1.4	64QAM	6	0	18.82	18.72	18.71	20.00
1.4	256QAM	1	0	16.88	16.87	16.76	18.00
1.4	256QAM	1	3	16.87	16.88	16.78	18.00
1.4	256QAM	1	5	16.74	16.79	16.63	18.00
1.4	256QAM	3	0	16.72	16.76	16.66	18.00
1.4	256QAM	3	1	16.65	16.64	16.69	18.00
1.4	256QAM	3	3	16.61	16.73	16.61	18.00
1.4	256QAM	6	0	16.70	16.70	16.70	18.00



【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.36	21.44	21.42	23.00
20	QPSK	1	49	21.33	21.44	21.30	23.00
20	QPSK	1	99	21.18	21.36	21.22	23.00
20	QPSK	50	0	20.34	20.47	20.44	22.00
20	QPSK	50	24	20.27	20.40	20.30	22.00
20	QPSK	50	50	20.36	20.46	20.34	22.00
20	QPSK	100	0	20.29	20.41	20.28	22.00
20	16QAM	1	0	20.52	20.63	20.47	22.00
20	16QAM	1	49	20.39	20.51	20.37	22.00
20	16QAM	1	99	20.31	20.52	20.45	22.00
20	16QAM	50	0	19.37	19.59	19.50	21.00
20	16QAM	50	24	19.23	19.42	19.34	21.00
20	16QAM	50	50	19.33	19.53	19.41	21.00
20	16QAM	100	0	19.40	19.59	19.51	21.00
20	64QAM	1	0	19.38	19.52	19.46	21.00
20	64QAM	1	49	19.51	19.61	19.58	21.00
20	64QAM	1	99	19.27	19.48	19.39	21.00
20	64QAM	50	0	18.27	18.41	18.25	20.00
20	64QAM	50	24	18.28	18.49	18.37	20.00
20	64QAM	50	50	18.26	18.42	18.27	20.00
20	64QAM	100	0	18.21	18.40	18.32	20.00
20	256QAM	1	0	16.16	16.29	16.19	18.00
20	256QAM	1	49	16.33	16.41	16.29	18.00
20	256QAM	1	99	16.23	16.33	16.20	18.00
20	256QAM	50	0	16.21	16.35	16.31	18.00
20	256QAM	50	24	16.23	16.42	16.38	18.00
20	256QAM	50	50	16.42	16.52	16.40	18.00
20	256QAM	100	0	16.40	16.52	16.36	18.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.21	21.30	21.29	23.00
15	QPSK	1	37	21.25	21.33	21.26	23.00
15	QPSK	1	74	21.11	21.30	21.07	23.00
15	QPSK	36	0	20.32	20.44	20.43	22.00
15	QPSK	36	20	20.25	20.33	20.25	22.00
15	QPSK	36	39	20.27	20.39	20.22	22.00
15	QPSK	75	0	20.23	20.33	20.13	22.00
15	16QAM	1	0	20.45	20.62	20.35	22.00
15	16QAM	1	37	20.27	20.50	20.27	22.00
15	16QAM	1	74	20.22	20.46	20.39	22.00
15	16QAM	36	0	19.28	19.51	19.44	21.00
15	16QAM	36	20	19.14	19.39	19.31	21.00
15	16QAM	36	39	19.25	19.46	19.36	21.00
15	16QAM	75	0	19.34	19.49	19.45	21.00
15	64QAM	1	0	19.30	19.49	19.44	21.00
15	64QAM	1	37	19.41	19.51	19.56	21.00
15	64QAM	1	74	19.20	19.36	19.34	21.00
15	64QAM	36	0	18.21	18.26	18.22	20.00
15	64QAM	36	20	18.24	18.35	18.25	20.00
15	64QAM	36	39	18.15	18.40	18.15	20.00
15	64QAM	75	0	18.20	18.29	18.21	20.00
15	256QAM	1	0	16.07	16.27	16.06	18.00
15	256QAM	1	37	16.24	16.31	16.17	18.00
15	256QAM	1	74	16.21	16.21	16.06	18.00
15	256QAM	36	0	16.15	16.32	16.24	18.00
15	256QAM	36	20	16.15	16.37	16.27	18.00
15	256QAM	36	39	16.30	16.43	16.35	18.00
15	256QAM	75	0	16.36	16.39	16.29	18.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.34	21.32	21.40	23.00
10	QPSK	1	25	21.24	21.35	21.21	23.00
10	QPSK	1	49	21.06	21.28	21.07	23.00
10	QPSK	25	0	20.25	20.43	20.35	22.00
10	QPSK	25	12	20.14	20.29	20.23	22.00
10	QPSK	25	25	20.32	20.44	20.21	22.00
10	QPSK	50	0	20.24	20.34	20.22	22.00
10	16QAM	1	0	20.44	20.55	20.46	22.00
10	16QAM	1	25	20.36	20.37	20.29	22.00
10	16QAM	1	49	20.26	20.40	20.37	22.00



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10	16QAM	25	0	19.26	19.57	19.36	21.00
10	16QAM	25	12	19.18	19.37	19.23	21.00
10	16QAM	25	25	19.24	19.52	19.34	21.00
10	16QAM	50	0	19.35	19.53	19.50	21.00
10	64QAM	1	0	19.29	19.47	19.43	21.00
10	64QAM	1	25	19.43	19.57	19.44	21.00
10	64QAM	1	49	19.24	19.41	19.33	21.00
10	64QAM	25	0	18.25	18.34	18.19	20.00
10	64QAM	25	12	18.14	18.42	18.31	20.00
10	64QAM	25	25	18.17	18.38	18.21	20.00
10	64QAM	50	0	18.10	18.37	18.29	20.00
10	256QAM	1	0	16.04	16.18	16.10	18.00
10	256QAM	1	25	16.19	16.31	16.26	18.00
10	256QAM	1	49	16.13	16.27	16.12	18.00
10	256QAM	25	0	16.17	16.34	16.24	18.00
10	256QAM	25	12	16.10	16.36	16.35	18.00
10	256QAM	25	25	16.39	16.47	16.30	18.00
10	256QAM	50	0	16.35	16.47	16.22	18.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.34	21.38	21.33	23.00
5	QPSK	1	12	21.29	21.30	21.16	23.00
5	QPSK	1	24	21.04	21.27	21.14	23.00
5	QPSK	12	0	20.24	20.38	20.37	22.00
5	QPSK	12	7	20.24	20.27	20.20	22.00
5	QPSK	12	13	20.29	20.34	20.32	22.00
5	QPSK	25	0	20.20	20.34	20.27	22.00
5	16QAM	1	0	20.43	20.54	20.36	22.00
5	16QAM	1	12	20.29	20.41	20.31	22.00
5	16QAM	1	24	20.21	20.46	20.43	22.00
5	16QAM	12	0	19.30	19.54	19.41	21.00
5	16QAM	12	7	19.17	19.29	19.24	21.00
5	16QAM	12	13	19.26	19.41	19.27	21.00
5	16QAM	25	0	19.39	19.51	19.37	21.00
5	64QAM	1	0	19.34	19.40	19.38	21.00
5	64QAM	1	12	19.50	19.56	19.50	21.00
5	64QAM	1	24	19.22	19.42	19.38	21.00
5	64QAM	12	0	18.21	18.35	18.18	20.00
5	64QAM	12	7	18.21	18.37	18.24	20.00
5	64QAM	12	13	18.15	18.31	18.19	20.00
5	64QAM	25	0	18.07	18.35	18.25	20.00
5	256QAM	1	0	16.02	16.22	16.04	18.00
5	256QAM	1	12	16.22	16.36	16.22	18.00
5	256QAM	1	24	16.10	16.19	16.18	18.00
5	256QAM	12	0	16.19	16.27	16.16	18.00
5	256QAM	12	7	16.08	16.39	16.33	18.00
5	256QAM	12	13	16.38	16.51	16.32	18.00
5	256QAM	25	0	16.38	16.44	16.32	18.00

【LTE Band 38_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.36	21.44	21.42	23.00
20	QPSK	1	49	21.33	21.44	21.30	23.00
20	QPSK	1	99	21.18	21.36	21.22	23.00
20	QPSK	50	0	20.34	20.47	20.44	22.00
20	QPSK	50	24	20.27	20.40	20.30	22.00
20	QPSK	50	50	20.36	20.46	20.34	22.00
20	QPSK	100	0	20.29	20.41	20.28	22.00
20	16QAM	1	0	20.52	20.63	20.47	22.00
20	16QAM	1	49	20.39	20.51	20.37	22.00
20	16QAM	1	99	20.31	20.52	20.45	22.00
20	16QAM	50	0	19.37	19.59	19.50	21.00
20	16QAM	50	24	19.23	19.42	19.34	21.00
20	16QAM	50	50	19.33	19.53	19.41	21.00
20	16QAM	100	0	19.40	19.59	19.51	21.00
20	64QAM	1	0	19.38	19.52	19.46	21.00
20	64QAM	1	49	19.51	19.61	19.58	21.00
20	64QAM	1	99	19.27	19.48	19.39	21.00
20	64QAM	50	0	18.27	18.41	18.25	20.00



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20	64QAM	50	24	18.28	18.49	18.37	20.00
20	64QAM	50	50	18.26	18.42	18.27	20.00
20	64QAM	100	0	18.21	18.40	18.32	20.00
20	256QAM	1	0	16.16	16.29	16.19	18.00
20	256QAM	1	49	16.33	16.41	16.29	18.00
20	256QAM	1	99	16.23	16.33	16.20	18.00
20	256QAM	50	0	16.21	16.35	16.31	18.00
20	256QAM	50	24	16.23	16.42	16.38	18.00
20	256QAM	50	50	16.42	16.52	16.40	18.00
20	256QAM	100	0	16.40	16.52	16.36	18.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.21	21.30	21.29	23.00
15	QPSK	1	37	21.25	21.33	21.26	23.00
15	QPSK	1	74	21.11	21.30	21.07	23.00
15	QPSK	36	0	20.32	20.44	20.43	22.00
15	QPSK	36	20	20.25	20.33	20.25	22.00
15	QPSK	36	39	20.27	20.39	20.22	22.00
15	QPSK	75	0	20.23	20.33	20.13	22.00
15	16QAM	1	0	20.45	20.62	20.35	22.00
15	16QAM	1	37	20.27	20.50	20.27	22.00
15	16QAM	1	74	20.22	20.46	20.39	22.00
15	16QAM	36	0	19.28	19.51	19.44	21.00
15	16QAM	36	20	19.14	19.39	19.31	21.00
15	16QAM	36	39	19.25	19.46	19.36	21.00
15	16QAM	75	0	19.34	19.49	19.45	21.00
15	64QAM	1	0	19.30	19.49	19.44	21.00
15	64QAM	1	37	19.41	19.51	19.56	21.00
15	64QAM	1	74	19.20	19.36	19.34	21.00
15	64QAM	36	0	18.21	18.26	18.22	20.00
15	64QAM	36	20	18.24	18.35	18.25	20.00
15	64QAM	36	39	18.15	18.40	18.15	20.00
15	64QAM	75	0	18.20	18.29	18.21	20.00
15	256QAM	1	0	16.07	16.27	16.06	18.00
15	256QAM	1	37	16.24	16.31	16.17	18.00
15	256QAM	1	74	16.21	16.21	16.06	18.00
15	256QAM	36	0	16.15	16.32	16.24	18.00
15	256QAM	36	20	16.15	16.37	16.27	18.00
15	256QAM	36	39	16.30	16.43	16.35	18.00
15	256QAM	75	0	16.36	16.39	16.29	18.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.34	21.32	21.40	23.00
10	QPSK	1	25	21.24	21.35	21.21	23.00
10	QPSK	1	49	21.06	21.28	21.07	23.00
10	QPSK	25	0	20.25	20.43	20.35	22.00
10	QPSK	25	12	20.14	20.29	20.23	22.00
10	QPSK	25	25	20.32	20.44	20.21	22.00
10	QPSK	50	0	20.24	20.34	20.22	22.00
10	16QAM	1	0	20.44	20.55	20.46	22.00
10	16QAM	1	25	20.36	20.37	20.29	22.00
10	16QAM	1	49	20.26	20.40	20.37	22.00
10	16QAM	25	0	19.26	19.57	19.36	21.00
10	16QAM	25	12	19.18	19.37	19.23	21.00
10	16QAM	25	25	19.24	19.52	19.34	21.00
10	16QAM	50	0	19.35	19.53	19.50	21.00
10	64QAM	1	0	19.29	19.47	19.43	21.00
10	64QAM	1	25	19.43	19.57	19.44	21.00
10	64QAM	1	49	19.24	19.41	19.33	21.00
10	64QAM	25	0	18.25	18.34	18.19	20.00
10	64QAM	25	12	18.14	18.42	18.31	20.00
10	64QAM	25	25	18.17	18.38	18.21	20.00
10	64QAM	50	0	18.10	18.37	18.29	20.00
10	256QAM	1	0	16.04	16.18	16.10	18.00
10	256QAM	1	25	16.19	16.31	16.26	18.00
10	256QAM	1	49	16.13	16.27	16.12	18.00
10	256QAM	25	0	16.17	16.34	16.24	18.00
10	256QAM	25	12	16.10	16.36	16.35	18.00
10	256QAM	25	25	16.39	16.47	16.30	18.00
10	256QAM	50	0	16.35	16.47	16.22	18.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.34	21.38	21.33	23.00
5	QPSK	1	12	21.29	21.30	21.16	23.00
5	QPSK	1	24	21.04	21.27	21.14	23.00
5	QPSK	12	0	20.24	20.38	20.37	22.00
5	QPSK	12	7	20.24	20.27	20.20	22.00
5	QPSK	12	13	20.29	20.34	20.32	22.00



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5	QPSK	25	0	20.20	20.34	20.27	22.00
5	16QAM	1	0	20.43	20.54	20.36	22.00
5	16QAM	1	12	20.29	20.41	20.31	22.00
5	16QAM	1	24	20.21	20.46	20.43	22.00
5	16QAM	12	0	19.30	19.54	19.41	21.00
5	16QAM	12	7	19.17	19.29	19.24	21.00
5	16QAM	12	13	19.26	19.41	19.27	21.00
5	16QAM	25	0	19.39	19.51	19.37	21.00
5	64QAM	1	0	19.34	19.40	19.38	21.00
5	64QAM	1	12	19.50	19.56	19.50	21.00
5	64QAM	1	24	19.22	19.42	19.38	21.00
5	64QAM	12	0	18.21	18.35	18.18	20.00
5	64QAM	12	7	18.21	18.37	18.24	20.00
5	64QAM	12	13	18.15	18.31	18.19	20.00
5	64QAM	25	0	18.07	18.35	18.25	20.00
5	256QAM	1	0	16.02	16.22	16.04	18.00
5	256QAM	1	12	16.22	16.36	16.22	18.00
5	256QAM	1	24	16.10	16.19	16.18	18.00
5	256QAM	12	0	16.19	16.27	16.16	18.00
5	256QAM	12	7	16.08	16.39	16.33	18.00
5	256QAM	12	13	16.38	16.51	16.32	18.00
5	256QAM	25	0	16.38	16.44	16.32	18.00

【LTE Band 38_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.88	17.96	17.91	19.10
20	QPSK	1	49	17.84	17.89	17.89	19.10
20	QPSK	1	99	17.76	17.88	17.87	19.10
20	QPSK	50	0	17.84	17.94	17.85	19.10
20	QPSK	50	24	17.77	17.90	17.84	19.10
20	QPSK	50	50	17.81	17.84	17.81	19.10
20	QPSK	100	0	17.82	17.89	17.82	19.10
20	16QAM	1	0	17.73	17.82	17.85	19.10
20	16QAM	1	49	17.82	17.93	17.88	19.10
20	16QAM	1	99	17.81	17.86	17.90	19.10
20	16QAM	50	0	17.74	17.92	17.79	19.10
20	16QAM	50	24	17.82	17.91	17.87	19.10
20	16QAM	50	50	17.83	17.91	17.88	19.10
20	16QAM	100	0	17.73	17.92	17.87	19.10
20	64QAM	1	0	17.78	17.88	17.82	19.10
20	64QAM	1	49	17.79	17.93	17.84	19.10
20	64QAM	1	99	17.79	17.88	17.90	19.10
20	64QAM	50	0	17.82	17.91	17.89	19.10
20	64QAM	50	24	17.84	17.88	17.80	19.10
20	64QAM	50	50	17.83	17.87	17.85	19.10
20	64QAM	100	0	17.74	17.92	17.83	19.10
20	256QAM	1	0	16.16	16.29	16.19	17.60
20	256QAM	1	49	16.33	16.41	16.29	17.60
20	256QAM	1	99	16.23	16.33	16.20	17.60
20	256QAM	50	0	16.21	16.35	16.31	17.60
20	256QAM	50	24	16.23	16.42	16.38	17.60
20	256QAM	50	50	16.42	16.52	16.40	17.60
20	256QAM	100	0	16.40	16.52	16.36	17.60
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.71	17.93	17.81	19.10
15	QPSK	1	37	17.83	17.79	17.80	19.10
15	QPSK	1	74	17.69	17.78	17.81	19.10
15	QPSK	36	0	17.75	17.80	17.81	19.10
15	QPSK	36	20	17.70	17.79	17.79	19.10
15	QPSK	36	39	17.76	17.83	17.75	19.10
15	QPSK	75	0	17.76	17.82	17.68	19.10
15	16QAM	1	0	17.66	17.71	17.80	19.10
15	16QAM	1	37	17.73	17.88	17.81	19.10
15	16QAM	1	74	17.76	17.78	17.75	19.10
15	16QAM	36	0	17.62	17.89	17.73	19.10
15	16QAM	36	20	17.70	17.87	17.80	19.10
15	16QAM	36	39	17.72	17.85	17.74	19.10
15	16QAM	75	0	17.70	17.80	17.81	19.10



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15	64QAM	1	0	17.69	17.81	17.76	19.10
15	64QAM	1	37	17.68	17.85	17.81	19.10
15	64QAM	1	74	17.65	17.75	17.81	19.10
15	64QAM	36	0	17.70	17.80	17.84	19.10
15	64QAM	36	20	17.77	17.80	17.69	19.10
15	64QAM	36	39	17.70	17.84	17.82	19.10
15	64QAM	75	0	17.67	17.85	17.75	19.10
15	256QAM	1	0	16.10	16.23	16.08	17.60
15	256QAM	1	37	16.30	16.39	16.20	17.60
15	256QAM	1	74	16.09	16.24	16.13	17.60
15	256QAM	36	0	16.16	16.29	16.17	17.60
15	256QAM	36	20	16.21	16.34	16.22	17.60
15	256QAM	36	39	16.38	16.45	16.34	17.60
15	256QAM	75	0	16.32	16.52	16.27	17.60
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.73	17.89	17.78	19.10
10	QPSK	1	25	17.70	17.82	17.85	19.10
10	QPSK	1	49	17.72	17.85	17.83	19.10
10	QPSK	25	0	17.78	17.81	17.83	19.10
10	QPSK	25	12	17.69	17.76	17.71	19.10
10	QPSK	25	25	17.69	17.78	17.72	19.10
10	QPSK	50	0	17.76	17.78	17.78	19.10
10	16QAM	1	0	17.59	17.78	17.74	19.10
10	16QAM	1	25	17.69	17.85	17.74	19.10
10	16QAM	1	49	17.73	17.80	17.85	19.10
10	16QAM	25	0	17.61	17.87	17.66	19.10
10	16QAM	25	12	17.70	17.87	17.83	19.10
10	16QAM	25	25	17.71	17.87	17.85	19.10
10	16QAM	50	0	17.64	17.90	17.76	19.10
10	64QAM	1	0	17.64	17.75	17.79	19.10
10	64QAM	1	25	17.72	17.92	17.75	19.10
10	64QAM	1	49	17.71	17.87	17.77	19.10
10	64QAM	25	0	17.80	17.86	17.80	19.10
10	64QAM	25	12	17.81	17.74	17.69	19.10
10	64QAM	25	25	17.69	17.73	17.81	19.10
10	64QAM	50	0	17.67	17.88	17.81	19.10
10	256QAM	1	0	16.03	16.21	16.13	17.60
10	256QAM	1	25	16.32	16.34	16.32	17.60
10	256QAM	1	49	16.14	16.28	16.07	17.60
10	256QAM	25	0	16.15	16.27	16.25	17.60
10	256QAM	25	12	16.16	16.31	16.27	17.60
10	256QAM	25	25	16.39	16.35	16.43	17.60
10	256QAM	50	0	16.36	16.40	16.27	17.60
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.73	17.81	17.81	19.10
5	QPSK	1	12	17.72	17.87	17.81	19.10
5	QPSK	1	24	17.66	17.78	17.86	19.10
5	QPSK	12	0	17.82	17.91	17.77	19.10
5	QPSK	12	7	17.63	17.85	17.76	19.10
5	QPSK	12	13	17.80	17.78	17.67	19.10
5	QPSK	25	0	17.81	17.75	17.69	19.10
5	16QAM	1	0	17.64	17.69	17.76	19.10
5	16QAM	1	12	17.76	17.78	17.84	19.10
5	16QAM	1	24	17.71	17.80	17.88	19.10
5	16QAM	12	0	17.66	17.90	17.72	19.10
5	16QAM	12	7	17.74	17.76	17.77	19.10
5	16QAM	12	13	17.78	17.82	17.78	19.10
5	16QAM	25	0	17.71	17.78	17.73	19.10
5	64QAM	1	0	17.73	17.79	17.78	19.10
5	64QAM	1	12	17.64	17.82	17.78	19.10
5	64QAM	1	24	17.65	17.84	17.81	19.10
5	64QAM	12	0	17.69	17.76	17.82	19.10
5	64QAM	12	7	17.80	17.78	17.66	19.10
5	64QAM	12	13	17.71	17.84	17.72	19.10
5	64QAM	25	0	17.67	17.82	17.77	19.10
5	256QAM	1	0	16.11	16.28	16.15	17.60
5	256QAM	1	12	16.35	16.41	16.24	17.60
5	256QAM	1	24	16.08	16.29	16.13	17.60
5	256QAM	12	0	16.15	16.30	16.24	17.60
5	256QAM	12	7	16.12	16.37	16.23	17.60
5	256QAM	12	13	16.36	16.42	16.40	17.60
5	256QAM	25	0	16.36	16.44	16.31	17.60



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.36	21.44	21.42	23.00
20	QPSK	1	49	21.33	21.44	21.30	23.00
20	QPSK	1	99	21.18	21.36	21.22	23.00
20	QPSK	50	0	20.34	20.47	20.44	22.00
20	QPSK	50	24	20.27	20.40	20.30	22.00
20	QPSK	50	50	20.36	20.46	20.34	22.00
20	QPSK	100	0	20.29	20.41	20.28	22.00
20	16QAM	1	0	20.52	20.63	20.47	22.00
20	16QAM	1	49	20.39	20.51	20.37	22.00
20	16QAM	1	99	20.31	20.52	20.45	22.00
20	16QAM	50	0	19.37	19.59	19.50	21.00
20	16QAM	50	24	19.23	19.42	19.34	21.00
20	16QAM	50	50	19.33	19.53	19.41	21.00
20	16QAM	100	0	19.40	19.59	19.51	21.00
20	64QAM	1	0	19.38	19.52	19.46	21.00
20	64QAM	1	49	19.51	19.61	19.58	21.00
20	64QAM	1	99	19.27	19.48	19.39	21.00
20	64QAM	50	0	18.27	18.41	18.25	20.00
20	64QAM	50	24	18.28	18.49	18.37	20.00
20	64QAM	50	50	18.26	18.42	18.27	20.00
20	64QAM	100	0	18.21	18.40	18.32	20.00
20	256QAM	1	0	16.16	16.29	16.19	18.00
20	256QAM	1	49	16.33	16.41	16.29	18.00
20	256QAM	1	99	16.23	16.33	16.20	18.00
20	256QAM	50	0	16.21	16.35	16.31	18.00
20	256QAM	50	24	16.23	16.42	16.38	18.00
20	256QAM	50	50	16.42	16.52	16.40	18.00
20	256QAM	100	0	16.40	16.52	16.36	18.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.21	21.30	21.29	23.00
15	QPSK	1	37	21.25	21.33	21.26	23.00
15	QPSK	1	74	21.11	21.30	21.07	23.00
15	QPSK	36	0	20.32	20.44	20.43	22.00
15	QPSK	36	20	20.25	20.33	20.25	22.00
15	QPSK	36	39	20.27	20.39	20.22	22.00
15	QPSK	75	0	20.23	20.33	20.13	22.00
15	16QAM	1	0	20.45	20.62	20.35	22.00
15	16QAM	1	37	20.27	20.50	20.27	22.00
15	16QAM	1	74	20.22	20.46	20.39	22.00
15	16QAM	36	0	19.28	19.51	19.44	21.00
15	16QAM	36	20	19.14	19.39	19.31	21.00
15	16QAM	36	39	19.25	19.46	19.36	21.00
15	16QAM	75	0	19.34	19.49	19.45	21.00
15	64QAM	1	0	19.30	19.49	19.44	21.00
15	64QAM	1	37	19.41	19.51	19.56	21.00
15	64QAM	1	74	19.20	19.36	19.34	21.00
15	64QAM	36	0	18.21	18.26	18.22	20.00
15	64QAM	36	20	18.24	18.35	18.25	20.00
15	64QAM	36	39	18.15	18.40	18.15	20.00
15	64QAM	75	0	18.20	18.29	18.21	20.00
15	256QAM	1	0	16.07	16.27	16.06	18.00
15	256QAM	1	37	16.24	16.31	16.17	18.00
15	256QAM	1	74	16.21	16.21	16.06	18.00
15	256QAM	36	0	16.15	16.32	16.24	18.00
15	256QAM	36	20	16.15	16.37	16.27	18.00
15	256QAM	36	39	16.30	16.43	16.35	18.00
15	256QAM	75	0	16.36	16.39	16.29	18.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.34	21.32	21.40	23.00
10	QPSK	1	25	21.24	21.35	21.21	23.00
10	QPSK	1	49	21.06	21.28	21.07	23.00
10	QPSK	25	0	20.25	20.43	20.35	22.00
10	QPSK	25	12	20.14	20.29	20.23	22.00
10	QPSK	25	25	20.32	20.44	20.21	22.00
10	QPSK	50	0	20.24	20.34	20.22	22.00
10	16QAM	1	0	20.44	20.55	20.46	22.00
10	16QAM	1	25	20.36	20.37	20.29	22.00
10	16QAM	1	49	20.26	20.40	20.37	22.00
10	16QAM	25	0	19.26	19.57	19.36	21.00



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10	16QAM	25	12	19.18	19.37	19.23	21.00
10	16QAM	25	25	19.24	19.52	19.34	21.00
10	16QAM	50	0	19.35	19.53	19.50	21.00
10	64QAM	1	0	19.29	19.47	19.43	21.00
10	64QAM	1	25	19.43	19.57	19.44	21.00
10	64QAM	1	49	19.24	19.41	19.33	21.00
10	64QAM	25	0	18.25	18.34	18.19	20.00
10	64QAM	25	12	18.14	18.42	18.31	20.00
10	64QAM	25	25	18.17	18.38	18.21	20.00
10	64QAM	50	0	18.10	18.37	18.29	20.00
10	256QAM	1	0	16.04	16.18	16.10	18.00
10	256QAM	1	25	16.19	16.31	16.26	18.00
10	256QAM	1	49	16.13	16.27	16.12	18.00
10	256QAM	25	0	16.17	16.34	16.24	18.00
10	256QAM	25	12	16.10	16.36	16.35	18.00
10	256QAM	25	25	16.39	16.47	16.30	18.00
10	256QAM	50	0	16.35	16.47	16.22	18.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.34	21.38	21.33	23.00
5	QPSK	1	12	21.29	21.30	21.16	23.00
5	QPSK	1	24	21.04	21.27	21.14	23.00
5	QPSK	12	0	20.24	20.38	20.37	22.00
5	QPSK	12	7	20.24	20.27	20.20	22.00
5	QPSK	12	13	20.29	20.34	20.32	22.00
5	QPSK	25	0	20.20	20.34	20.27	22.00
5	16QAM	1	0	20.43	20.54	20.36	22.00
5	16QAM	1	12	20.29	20.41	20.31	22.00
5	16QAM	1	24	20.21	20.46	20.43	22.00
5	16QAM	12	0	19.30	19.54	19.41	21.00
5	16QAM	12	7	19.17	19.29	19.24	21.00
5	16QAM	12	13	19.26	19.41	19.27	21.00
5	16QAM	25	0	19.39	19.51	19.37	21.00
5	64QAM	1	0	19.34	19.40	19.38	21.00
5	64QAM	1	12	19.50	19.56	19.50	21.00
5	64QAM	1	24	19.22	19.42	19.38	21.00
5	64QAM	12	0	18.21	18.35	18.18	20.00
5	64QAM	12	7	18.21	18.37	18.24	20.00
5	64QAM	12	13	18.15	18.31	18.19	20.00
5	64QAM	25	0	18.07	18.35	18.25	20.00
5	256QAM	1	0	16.02	16.22	16.04	18.00
5	256QAM	1	12	16.22	16.36	16.22	18.00
5	256QAM	1	24	16.10	16.19	16.18	18.00
5	256QAM	12	0	16.19	16.27	16.16	18.00
5	256QAM	12	7	16.08	16.39	16.33	18.00
5	256QAM	12	13	16.38	16.51	16.32	18.00
5	256QAM	25	0	16.38	16.44	16.32	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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.36	21.44	21.42	22.50
20	QPSK	1	49	21.33	21.44	21.30	22.50
20	QPSK	1	99	21.18	21.36	21.22	22.50
20	QPSK	50	0	20.34	20.47	20.44	21.50
20	QPSK	50	24	20.27	20.40	20.30	21.50
20	QPSK	50	50	20.36	20.46	20.34	21.50
20	QPSK	100	0	20.29	20.41	20.28	21.50
20	16QAM	1	0	20.52	20.63	20.47	21.50
20	16QAM	1	49	20.39	20.51	20.37	21.50
20	16QAM	1	99	20.31	20.52	20.45	21.50
20	16QAM	50	0	19.37	19.59	19.50	20.50
20	16QAM	50	24	19.23	19.42	19.34	20.50
20	16QAM	50	50	19.33	19.53	19.41	20.50
20	16QAM	100	0	19.40	19.59	19.51	20.50
20	64QAM	1	0	19.38	19.52	19.46	20.50
20	64QAM	1	49	19.51	19.61	19.58	20.50
20	64QAM	1	99	19.27	19.48	19.39	20.50
20	64QAM	50	0	18.27	18.41	18.25	19.50
20	64QAM	50	24	18.28	18.49	18.37	19.50



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20	64QAM	50	50	18.26	18.42	18.27	19.50
20	64QAM	100	0	18.21	18.40	18.32	19.50
20	256QAM	1	0	16.16	16.29	16.19	17.50
20	256QAM	1	49	16.33	16.41	16.29	17.50
20	256QAM	1	99	16.23	16.33	16.20	17.50
20	256QAM	50	0	16.21	16.35	16.31	17.50
20	256QAM	50	24	16.23	16.42	16.38	17.50
20	256QAM	50	50	16.42	16.52	16.40	17.50
20	256QAM	100	0	16.40	16.52	16.36	17.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	21.21	21.30	21.29	22.50
15	QPSK	1	37	21.25	21.33	21.26	22.50
15	QPSK	1	74	21.11	21.30	21.07	22.50
15	QPSK	36	0	20.32	20.44	20.43	21.50
15	QPSK	36	20	20.25	20.33	20.25	21.50
15	QPSK	36	39	20.27	20.39	20.22	21.50
15	QPSK	75	0	20.23	20.33	20.13	21.50
15	16QAM	1	0	20.45	20.62	20.35	21.50
15	16QAM	1	37	20.27	20.50	20.27	21.50
15	16QAM	1	74	20.22	20.46	20.39	21.50
15	16QAM	36	0	19.28	19.51	19.44	20.50
15	16QAM	36	20	19.14	19.39	19.31	20.50
15	16QAM	36	39	19.25	19.46	19.36	20.50
15	16QAM	75	0	19.34	19.49	19.45	20.50
15	64QAM	1	0	19.30	19.49	19.44	20.50
15	64QAM	1	37	19.41	19.51	19.56	20.50
15	64QAM	1	74	19.20	19.36	19.34	20.50
15	64QAM	36	0	18.21	18.26	18.22	19.50
15	64QAM	36	20	18.24	18.35	18.25	19.50
15	64QAM	36	39	18.15	18.40	18.15	19.50
15	64QAM	75	0	18.20	18.29	18.21	19.50
15	256QAM	1	0	16.07	16.27	16.06	17.50
15	256QAM	1	37	16.24	16.31	16.17	17.50
15	256QAM	1	74	16.21	16.21	16.06	17.50
15	256QAM	36	0	16.15	16.32	16.24	17.50
15	256QAM	36	20	16.15	16.37	16.27	17.50
15	256QAM	36	39	16.30	16.43	16.35	17.50
15	256QAM	75	0	16.36	16.39	16.29	17.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.34	21.32	21.40	22.50
10	QPSK	1	25	21.24	21.35	21.21	22.50
10	QPSK	1	49	21.06	21.28	21.07	22.50
10	QPSK	25	0	20.25	20.43	20.35	21.50
10	QPSK	25	12	20.14	20.29	20.23	21.50
10	QPSK	25	25	20.32	20.44	20.21	21.50
10	QPSK	50	0	20.24	20.34	20.22	21.50
10	16QAM	1	0	20.44	20.55	20.46	21.50
10	16QAM	1	25	20.36	20.37	20.29	21.50
10	16QAM	1	49	20.26	20.40	20.37	21.50
10	16QAM	25	0	19.26	19.57	19.36	20.50
10	16QAM	25	12	19.18	19.37	19.23	20.50
10	16QAM	25	25	19.24	19.52	19.34	20.50
10	16QAM	50	0	19.35	19.53	19.50	20.50
10	64QAM	1	0	19.29	19.47	19.43	20.50
10	64QAM	1	25	19.43	19.57	19.44	20.50
10	64QAM	1	49	19.24	19.41	19.33	20.50
10	64QAM	25	0	18.25	18.34	18.19	19.50
10	64QAM	25	12	18.14	18.42	18.31	19.50
10	64QAM	25	25	18.17	18.38	18.21	19.50
10	64QAM	50	0	18.10	18.37	18.29	19.50
10	256QAM	1	0	16.04	16.18	16.10	17.50
10	256QAM	1	25	16.19	16.31	16.26	17.50
10	256QAM	1	49	16.13	16.27	16.12	17.50
10	256QAM	25	0	16.17	16.34	16.24	17.50
10	256QAM	25	12	16.10	16.36	16.35	17.50
10	256QAM	25	25	16.39	16.47	16.30	17.50
10	256QAM	50	0	16.35	16.47	16.22	17.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.34	21.38	21.33	22.50
5	QPSK	1	12	21.29	21.30	21.16	22.50
5	QPSK	1	24	21.04	21.27	21.14	22.50
5	QPSK	12	0	20.24	20.38	20.37	21.50
5	QPSK	12	7	20.24	20.27	20.20	21.50
5	QPSK	12	13	20.29	20.34	20.32	21.50
5	QPSK	25	0	20.20	20.34	20.27	21.50



5	16QAM	1	0	20.43	20.54	20.36	21.50
5	16QAM	1	12	20.29	20.41	20.31	21.50
5	16QAM	1	24	20.21	20.46	20.43	21.50
5	16QAM	12	0	19.30	19.54	19.41	20.50
5	16QAM	12	7	19.17	19.29	19.24	20.50
5	16QAM	12	13	19.26	19.41	19.27	20.50
5	16QAM	25	0	19.39	19.51	19.37	20.50
5	64QAM	1	0	19.34	19.40	19.38	20.50
5	64QAM	1	12	19.50	19.56	19.50	20.50
5	64QAM	1	24	19.22	19.42	19.38	20.50
5	64QAM	12	0	18.21	18.35	18.18	19.50
5	64QAM	12	7	18.21	18.37	18.24	19.50
5	64QAM	12	13	18.15	18.31	18.19	19.50
5	64QAM	25	0	18.07	18.35	18.25	19.50
5	256QAM	1	0	16.02	16.22	16.04	17.50
5	256QAM	1	12	16.22	16.36	16.22	17.50
5	256QAM	1	24	16.10	16.19	16.18	17.50
5	256QAM	12	0	16.19	16.27	16.16	17.50
5	256QAM	12	7	16.08	16.39	16.33	17.50
5	256QAM	12	13	16.38	16.51	16.32	17.50
5	256QAM	25	0	16.38	16.44	16.32	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.88	17.96	17.91	19.10
20	QPSK	1	49	17.84	17.89	17.89	19.10
20	QPSK	1	99	17.76	17.88	17.87	19.10
20	QPSK	50	0	17.84	17.94	17.85	19.10
20	QPSK	50	24	17.77	17.90	17.84	19.10
20	QPSK	50	50	17.81	17.84	17.81	19.10
20	QPSK	100	0	17.82	17.89	17.82	19.10
20	16QAM	1	0	17.73	17.82	17.85	19.10
20	16QAM	1	49	17.82	17.93	17.88	19.10
20	16QAM	1	99	17.81	17.86	17.90	19.10
20	16QAM	50	0	17.74	17.92	17.79	19.10
20	16QAM	50	24	17.82	17.91	17.87	19.10
20	16QAM	50	50	17.83	17.91	17.88	19.10
20	16QAM	100	0	17.73	17.92	17.87	19.10
20	64QAM	1	0	17.78	17.88	17.82	19.10
20	64QAM	1	49	17.79	17.93	17.84	19.10
20	64QAM	1	99	17.79	17.88	17.90	19.10
20	64QAM	50	0	17.82	17.91	17.89	19.10
20	64QAM	50	24	17.84	17.88	17.80	19.10
20	64QAM	50	50	17.83	17.87	17.85	19.10
20	64QAM	100	0	17.74	17.92	17.83	19.10
20	256QAM	1	0	16.16	16.29	16.19	17.60
20	256QAM	1	49	16.33	16.41	16.29	17.60
20	256QAM	1	99	16.23	16.33	16.20	17.60
20	256QAM	50	0	16.21	16.35	16.31	17.60
20	256QAM	50	24	16.23	16.42	16.38	17.60
20	256QAM	50	50	16.42	16.52	16.40	17.60
20	256QAM	100	0	16.40	16.52	16.36	17.60
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.71	17.93	17.81	19.10
15	QPSK	1	37	17.83	17.79	17.80	19.10
15	QPSK	1	74	17.69	17.78	17.81	19.10
15	QPSK	36	0	17.75	17.80	17.81	19.10
15	QPSK	36	20	17.70	17.79	17.79	19.10
15	QPSK	36	39	17.76	17.83	17.75	19.10
15	QPSK	75	0	17.76	17.82	17.68	19.10
15	16QAM	1	0	17.66	17.71	17.80	19.10
15	16QAM	1	37	17.73	17.88	17.81	19.10
15	16QAM	1	74	17.76	17.78	17.75	19.10
15	16QAM	36	0	17.62	17.89	17.73	19.10
15	16QAM	36	20	17.70	17.87	17.80	19.10
15	16QAM	36	39	17.72	17.85	17.74	19.10
15	16QAM	75	0	17.70	17.80	17.81	19.10
15	64QAM	1	0	17.69	17.81	17.76	19.10



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15	64QAM	1	37	17.68	17.85	17.81	19.10
15	64QAM	1	74	17.65	17.75	17.81	19.10
15	64QAM	36	0	17.70	17.80	17.84	19.10
15	64QAM	36	20	17.77	17.80	17.69	19.10
15	64QAM	36	39	17.70	17.84	17.82	19.10
15	64QAM	75	0	17.67	17.85	17.75	19.10
15	256QAM	1	0	16.10	16.23	16.08	17.60
15	256QAM	1	37	16.30	16.39	16.20	17.60
15	256QAM	1	74	16.09	16.24	16.13	17.60
15	256QAM	36	0	16.16	16.29	16.17	17.60
15	256QAM	36	20	16.21	16.34	16.22	17.60
15	256QAM	36	39	16.38	16.45	16.34	17.60
15	256QAM	75	0	16.32	16.52	16.27	17.60
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	17.73	17.89	17.78	19.10
10	QPSK	1	25	17.70	17.82	17.85	19.10
10	QPSK	1	49	17.72	17.85	17.83	19.10
10	QPSK	25	0	17.78	17.81	17.83	19.10
10	QPSK	25	12	17.69	17.76	17.71	19.10
10	QPSK	25	25	17.69	17.78	17.72	19.10
10	QPSK	50	0	17.76	17.78	17.78	19.10
10	16QAM	1	0	17.59	17.78	17.74	19.10
10	16QAM	1	25	17.69	17.85	17.74	19.10
10	16QAM	1	49	17.73	17.80	17.85	19.10
10	16QAM	25	0	17.61	17.87	17.66	19.10
10	16QAM	25	12	17.70	17.87	17.83	19.10
10	16QAM	25	25	17.71	17.87	17.85	19.10
10	16QAM	50	0	17.64	17.90	17.76	19.10
10	64QAM	1	0	17.64	17.75	17.79	19.10
10	64QAM	1	25	17.72	17.92	17.75	19.10
10	64QAM	1	49	17.71	17.87	17.77	19.10
10	64QAM	25	0	17.80	17.86	17.80	19.10
10	64QAM	25	12	17.81	17.74	17.69	19.10
10	64QAM	25	25	17.69	17.73	17.81	19.10
10	64QAM	50	0	17.67	17.88	17.81	19.10
10	256QAM	1	0	16.03	16.21	16.13	17.60
10	256QAM	1	25	16.32	16.34	16.32	17.60
10	256QAM	1	49	16.14	16.28	16.07	17.60
10	256QAM	25	0	16.15	16.27	16.25	17.60
10	256QAM	25	12	16.16	16.31	16.27	17.60
10	256QAM	25	25	16.39	16.35	16.43	17.60
10	256QAM	50	0	16.36	16.40	16.27	17.60
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	17.73	17.81	17.81	19.10
5	QPSK	1	12	17.72	17.87	17.81	19.10
5	QPSK	1	24	17.66	17.78	17.86	19.10
5	QPSK	12	0	17.82	17.91	17.77	19.10
5	QPSK	12	7	17.63	17.85	17.76	19.10
5	QPSK	12	13	17.80	17.78	17.67	19.10
5	QPSK	25	0	17.81	17.75	17.69	19.10
5	16QAM	1	0	17.64	17.69	17.76	19.10
5	16QAM	1	12	17.76	17.78	17.84	19.10
5	16QAM	1	24	17.71	17.80	17.88	19.10
5	16QAM	12	0	17.66	17.90	17.72	19.10
5	16QAM	12	7	17.74	17.76	17.77	19.10
5	16QAM	12	13	17.78	17.82	17.78	19.10
5	16QAM	25	0	17.71	17.78	17.73	19.10
5	64QAM	1	0	17.73	17.79	17.78	19.10
5	64QAM	1	12	17.64	17.82	17.78	19.10
5	64QAM	1	24	17.65	17.84	17.81	19.10
5	64QAM	12	0	17.69	17.76	17.82	19.10
5	64QAM	12	7	17.80	17.78	17.66	19.10
5	64QAM	12	13	17.71	17.84	17.72	19.10
5	64QAM	25	0	17.67	17.82	17.77	19.10
5	256QAM	1	0	16.11	16.28	16.15	17.60
5	256QAM	1	12	16.35	16.41	16.24	17.60
5	256QAM	1	24	16.08	16.29	16.13	17.60
5	256QAM	12	0	16.15	16.30	16.24	17.60
5	256QAM	12	7	16.12	16.37	16.23	17.60
5	256QAM	12	13	16.36	16.42	16.40	17.60
5	256QAM	25	0	16.36	16.44	16.31	17.60



【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.18	23.19	23.14	24.00
20	QPSK	1	49	23.13	23.17	23.02	24.00
20	QPSK	1	99	22.88	22.98	22.81	24.00
20	QPSK	50	0	22.11	22.15	21.97	23.00
20	QPSK	50	24	21.97	22.11	21.96	23.00
20	QPSK	50	50	21.98	22.02	21.91	23.00
20	QPSK	100	0	22.00	22.09	21.90	23.00
20	16QAM	1	0	22.02	22.13	21.99	23.00
20	16QAM	1	49	22.04	22.12	22.01	23.00
20	16QAM	1	99	21.89	21.93	21.82	23.00
20	16QAM	50	0	21.07	21.15	21.00	22.00
20	16QAM	50	24	20.97	21.13	21.01	22.00
20	16QAM	50	50	20.95	21.03	20.84	22.00
20	16QAM	100	0	21.00	21.12	21.05	22.00
20	64QAM	1	0	20.75	20.82	20.72	22.00
20	64QAM	1	49	20.71	20.79	20.66	22.00
20	64QAM	1	99	20.49	20.61	20.47	22.00
20	64QAM	50	0	20.12	20.19	20.13	21.00
20	64QAM	50	24	20.09	20.14	19.96	21.00
20	64QAM	50	50	20.00	20.07	20.01	21.00
20	64QAM	100	0	19.98	20.09	19.93	21.00
20	256QAM	1	0	18.01	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.08	17.93	19.00
20	256QAM	1	99	17.86	17.90	17.82	19.00
20	256QAM	50	0	18.19	18.27	18.21	19.00
20	256QAM	50	24	18.14	18.23	18.14	19.00
20	256QAM	50	50	18.11	18.15	18.01	19.00
20	256QAM	100	0	18.08	18.17	18.06	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.16	23.11	23.02	24.00
15	QPSK	1	37	23.06	23.15	22.91	24.00
15	QPSK	1	74	22.85	22.93	22.75	24.00
15	QPSK	36	0	21.97	22.13	21.83	23.00
15	QPSK	36	20	21.94	22.07	21.95	23.00
15	QPSK	36	39	21.95	21.91	21.79	23.00
15	QPSK	75	0	21.86	22.00	21.79	23.00
15	16QAM	1	0	21.98	22.01	21.98	23.00
15	16QAM	1	37	21.98	22.07	21.88	23.00
15	16QAM	1	74	21.86	21.82	21.74	23.00
15	16QAM	36	0	20.99	21.04	20.93	22.00
15	16QAM	36	20	20.96	21.07	20.95	22.00
15	16QAM	36	39	20.87	20.90	20.82	22.00
15	16QAM	75	0	20.96	21.04	20.96	22.00
15	64QAM	1	0	20.71	20.78	20.61	22.00
15	64QAM	1	37	20.65	20.65	20.57	22.00
15	64QAM	1	74	20.43	20.58	20.38	22.00
15	64QAM	36	0	20.08	20.09	20.08	21.00
15	64QAM	36	20	19.95	20.11	19.95	21.00
15	64QAM	36	39	19.98	19.96	19.99	21.00
15	64QAM	75	0	19.86	20.08	19.82	21.00
15	256QAM	1	0	17.94	17.94	17.90	19.00
15	256QAM	1	37	17.96	18.01	17.88	19.00
15	256QAM	1	74	17.79	17.85	17.75	19.00
15	256QAM	36	0	18.08	18.25	18.12	19.00
15	256QAM	36	20	18.00	18.10	18.09	19.00
15	256QAM	36	39	18.05	18.11	17.88	19.00
15	256QAM	75	0	18.04	18.03	18.00	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.14	23.17	23.09	24.00
10	QPSK	1	25	23.11	23.13	23.00	24.00
10	QPSK	1	49	22.85	22.84	22.73	24.00
10	QPSK	25	0	21.99	22.09	21.93	23.00
10	QPSK	25	12	21.85	22.07	21.82	23.00
10	QPSK	25	25	21.84	21.89	21.81	23.00
10	QPSK	50	0	21.98	21.96	21.82	23.00
10	16QAM	1	0	21.87	22.10	21.91	23.00
10	16QAM	1	25	21.93	22.07	21.88	23.00
10	16QAM	1	49	21.81	21.84	21.70	23.00
10	16QAM	25	0	20.92	21.10	20.85	22.00
10	16QAM	25	12	20.89	21.10	20.86	22.00



10	16QAM	25	25	20.81	20.93	20.75	22.00
10	16QAM	50	0	20.90	21.06	20.92	22.00
10	64QAM	1	0	20.73	20.81	20.70	22.00
10	64QAM	1	25	20.69	20.77	20.62	22.00
10	64QAM	1	49	20.37	20.60	20.37	22.00
10	64QAM	25	0	20.03	20.06	20.08	21.00
10	64QAM	25	12	20.05	20.08	19.89	21.00
10	64QAM	25	25	19.97	19.93	19.94	21.00
10	64QAM	50	0	19.90	20.01	19.85	21.00
10	256QAM	1	0	17.95	17.96	17.97	19.00
10	256QAM	1	25	17.91	18.04	17.91	19.00
10	256QAM	1	49	17.80	17.87	17.75	19.00
10	256QAM	25	0	18.05	18.23	18.09	19.00
10	256QAM	25	12	18.01	18.19	18.13	19.00
10	256QAM	25	25	18.03	18.02	17.96	19.00
10	256QAM	50	0	17.93	18.13	17.98	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.03	23.13	23.07	24.00
5	QPSK	1	12	23.02	23.05	22.91	24.00
5	QPSK	1	24	22.75	22.95	22.70	24.00
5	QPSK	12	0	21.97	22.09	21.91	23.00
5	QPSK	12	7	21.90	22.06	21.82	23.00
5	QPSK	12	13	21.93	21.96	21.77	23.00
5	QPSK	25	0	21.98	22.06	21.86	23.00
5	16QAM	1	0	21.92	22.06	21.97	23.00
5	16QAM	1	12	21.99	22.05	21.98	23.00
5	16QAM	1	24	21.78	21.89	21.70	23.00
5	16QAM	12	0	20.98	21.06	20.86	22.00
5	16QAM	12	7	20.96	21.04	20.92	22.00
5	16QAM	12	13	20.91	21.01	20.74	22.00
5	16QAM	25	0	20.88	21.08	20.98	22.00
5	64QAM	1	0	20.64	20.79	20.70	22.00
5	64QAM	1	12	20.56	20.67	20.58	22.00
5	64QAM	1	24	20.37	20.51	20.34	22.00
5	64QAM	12	0	20.11	20.13	20.02	21.00
5	64QAM	12	7	20.00	20.08	19.88	21.00
5	64QAM	12	13	19.93	20.01	19.94	21.00
5	64QAM	25	0	19.86	20.06	19.78	21.00
5	256QAM	1	0	17.92	18.03	17.97	19.00
5	256QAM	1	12	17.86	18.01	17.85	19.00
5	256QAM	1	24	17.73	17.83	17.71	19.00
5	256QAM	12	0	18.04	18.15	18.06	19.00
5	256QAM	12	7	18.09	18.11	18.09	19.00
5	256QAM	12	13	18.01	18.06	17.90	19.00
5	256QAM	25	0	18.01	18.10	18.03	19.00

【LTE Band 38_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.61	19.68	19.55	20.90
20	QPSK	1	49	19.52	19.42	19.51	20.90
20	QPSK	1	99	19.51	19.46	19.54	20.90
20	QPSK	50	0	19.55	19.58	19.57	20.90
20	QPSK	50	24	19.57	19.55	19.56	20.90
20	QPSK	50	50	19.53	19.49	19.48	20.90
20	QPSK	100	0	19.54	19.58	19.56	20.90
20	16QAM	1	0	19.45	19.57	19.45	20.90
20	16QAM	1	49	19.51	19.51	19.55	20.90
20	16QAM	1	99	19.48	19.55	19.43	20.90
20	16QAM	50	0	19.46	19.47	19.45	20.90
20	16QAM	50	24	19.45	19.57	19.56	20.90
20	16QAM	50	50	19.53	19.53	19.58	20.90
20	16QAM	100	0	19.61	19.46	19.50	20.90
20	64QAM	1	0	19.50	19.53	19.49	20.90
20	64QAM	1	49	19.52	19.50	19.50	20.90
20	64QAM	1	99	19.41	19.50	19.57	20.90
20	64QAM	50	0	19.56	19.52	19.56	20.90
20	64QAM	50	24	19.55	19.49	19.59	20.90
20	64QAM	50	50	19.49	19.40	19.53	20.90



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20	64QAM	100	0	19.49	19.43	19.46	20.90
20	256QAM	1	0	18.01	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.08	17.93	19.00
20	256QAM	1	99	17.86	17.90	17.82	19.00
20	256QAM	50	0	18.19	18.27	18.21	19.00
20	256QAM	50	24	18.14	18.23	18.14	19.00
20	256QAM	50	50	18.11	18.15	18.01	19.00
20	256QAM	100	0	18.08	18.17	18.06	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	19.57	19.63	19.54	20.90
15	QPSK	1	37	19.50	19.38	19.50	20.90
15	QPSK	1	74	19.45	19.32	19.41	20.90
15	QPSK	36	0	19.52	19.55	19.47	20.90
15	QPSK	36	20	19.44	19.51	19.46	20.90
15	QPSK	36	39	19.47	19.47	19.36	20.90
15	QPSK	75	0	19.45	19.52	19.48	20.90
15	16QAM	1	0	19.42	19.54	19.44	20.90
15	16QAM	1	37	19.44	19.47	19.42	20.90
15	16QAM	1	74	19.42	19.42	19.36	20.90
15	16QAM	36	0	19.34	19.44	19.39	20.90
15	16QAM	36	20	19.44	19.44	19.48	20.90
15	16QAM	36	39	19.47	19.49	19.51	20.90
15	16QAM	75	0	19.48	19.39	19.47	20.90
15	64QAM	1	0	19.42	19.50	19.44	20.90
15	64QAM	1	37	19.42	19.40	19.46	20.90
15	64QAM	1	74	19.31	19.49	19.53	20.90
15	64QAM	36	0	19.48	19.49	19.55	20.90
15	64QAM	36	20	19.43	19.36	19.49	20.90
15	64QAM	36	39	19.37	19.26	19.47	20.90
15	64QAM	75	0	19.43	19.37	19.41	20.90
15	256QAM	1	0	17.92	17.96	17.99	19.00
15	256QAM	1	37	17.94	18.01	17.84	19.00
15	256QAM	1	74	17.82	17.88	17.70	19.00
15	256QAM	36	0	18.16	18.15	18.14	19.00
15	256QAM	36	20	18.03	18.16	18.06	19.00
15	256QAM	36	39	18.03	18.08	17.86	19.00
15	256QAM	75	0	18.00	18.02	18.01	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.60	19.66	19.45	20.90
10	QPSK	1	25	19.43	19.27	19.43	20.90
10	QPSK	1	49	19.37	19.39	19.49	20.90
10	QPSK	25	0	19.48	19.46	19.51	20.90
10	QPSK	25	12	19.52	19.54	19.43	20.90
10	QPSK	25	25	19.40	19.44	19.46	20.90
10	QPSK	50	0	19.43	19.49	19.43	20.90
10	16QAM	1	0	19.41	19.50	19.42	20.90
10	16QAM	1	25	19.48	19.41	19.48	20.90
10	16QAM	1	49	19.34	19.40	19.41	20.90
10	16QAM	25	0	19.44	19.40	19.40	20.90
10	16QAM	25	12	19.33	19.44	19.45	20.90
10	16QAM	25	25	19.47	19.51	19.49	20.90
10	16QAM	50	0	19.47	19.35	19.36	20.90
10	64QAM	1	0	19.39	19.51	19.38	20.90
10	64QAM	1	25	19.45	19.47	19.38	20.90
10	64QAM	1	49	19.38	19.39	19.49	20.90
10	64QAM	25	0	19.48	19.40	19.41	20.90
10	64QAM	25	12	19.50	19.46	19.51	20.90
10	64QAM	25	25	19.44	19.36	19.48	20.90
10	64QAM	50	0	19.36	19.42	19.44	20.90
10	256QAM	1	0	17.93	18.01	17.97	19.00
10	256QAM	1	25	17.87	18.05	17.78	19.00
10	256QAM	1	49	17.80	17.87	17.74	19.00
10	256QAM	25	0	18.07	18.15	18.14	19.00
10	256QAM	25	12	18.06	18.18	18.05	19.00
10	256QAM	25	25	17.97	18.11	17.95	19.00
10	256QAM	50	0	18.02	18.12	17.93	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	19.58	19.56	19.44	20.90
5	QPSK	1	12	19.38	19.37	19.39	20.90
5	QPSK	1	24	19.36	19.40	19.53	20.90
5	QPSK	12	0	19.50	19.44	19.50	20.90
5	QPSK	12	7	19.51	19.54	19.41	20.90
5	QPSK	12	13	19.48	19.47	19.34	20.90
5	QPSK	25	0	19.39	19.44	19.44	20.90
5	16QAM	1	0	19.34	19.55	19.39	20.90



5	16QAM	1	12	19.43	19.43	19.44	20.90
5	16QAM	1	24	19.44	19.53	19.32	20.90
5	16QAM	12	0	19.36	19.36	19.43	20.90
5	16QAM	12	7	19.38	19.51	19.43	20.90
5	16QAM	12	13	19.46	19.40	19.48	20.90
5	16QAM	25	0	19.47	19.32	19.44	20.90
5	64QAM	1	0	19.44	19.51	19.42	20.90
5	64QAM	1	12	19.48	19.42	19.37	20.90
5	64QAM	1	24	19.35	19.47	19.48	20.90
5	64QAM	12	0	19.47	19.47	19.47	20.90
5	64QAM	12	7	19.52	19.44	19.54	20.90
5	64QAM	12	13	19.44	19.34	19.51	20.90
5	64QAM	25	0	19.40	19.39	19.33	20.90
5	256QAM	1	0	17.98	18.03	17.91	19.00
5	256QAM	1	12	17.94	18.05	17.90	19.00
5	256QAM	1	24	17.85	17.79	17.81	19.00
5	256QAM	12	0	18.17	18.24	18.19	19.00
5	256QAM	12	7	18.08	18.12	18.09	19.00
5	256QAM	12	13	18.08	18.02	17.99	19.00
5	256QAM	25	0	18.05	18.13	18.00	19.00

【LTE Band 38_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.76	17.86	17.81	19.30
20	QPSK	1	49	17.71	17.69	17.76	19.30
20	QPSK	1	99	17.72	17.70	17.69	19.30
20	QPSK	50	0	17.76	17.80	17.75	19.30
20	QPSK	50	24	17.73	17.75	17.74	19.30
20	QPSK	50	50	17.64	17.65	17.70	19.30
20	QPSK	100	0	17.74	17.77	17.73	19.30
20	16QAM	1	0	17.64	17.69	17.70	19.30
20	16QAM	1	49	17.65	17.64	17.76	19.30
20	16QAM	1	99	17.68	17.71	17.66	19.30
20	16QAM	50	0	17.69	17.67	17.71	19.30
20	16QAM	50	24	17.70	17.66	17.65	19.30
20	16QAM	50	50	17.68	17.69	17.72	19.30
20	16QAM	100	0	17.66	17.67	17.75	19.30
20	64QAM	1	0	17.73	17.67	17.65	19.30
20	64QAM	1	49	17.70	17.75	17.76	19.30
20	64QAM	1	99	17.76	17.72	17.71	19.30
20	64QAM	50	0	17.69	17.72	17.70	19.30
20	64QAM	50	24	17.72	17.68	17.72	19.30
20	64QAM	50	50	17.69	17.69	17.68	19.30
20	64QAM	100	0	17.72	17.72	17.71	19.30
20	256QAM	1	0	17.69	17.67	17.75	19.30
20	256QAM	1	49	17.67	17.67	17.65	19.30
20	256QAM	1	99	17.75	17.75	17.74	19.30
20	256QAM	50	0	17.71	17.64	17.69	19.30
20	256QAM	50	24	17.71	17.67	17.68	19.30
20	256QAM	50	50	17.65	17.69	17.71	19.30
20	256QAM	100	0	17.66	17.73	17.67	19.30
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.70	17.74	17.70	19.30
15	QPSK	1	37	17.59	17.61	17.72	19.30
15	QPSK	1	74	17.69	17.66	17.61	19.30
15	QPSK	36	0	17.71	17.67	17.64	19.30
15	QPSK	36	20	17.68	17.64	17.72	19.30
15	QPSK	36	39	17.62	17.60	17.62	19.30
15	QPSK	75	0	17.68	17.72	17.67	19.30
15	16QAM	1	0	17.49	17.64	17.59	19.30
15	16QAM	1	37	17.63	17.62	17.68	19.30
15	16QAM	1	74	17.62	17.69	17.54	19.30
15	16QAM	36	0	17.65	17.53	17.62	19.30
15	16QAM	36	20	17.56	17.54	17.62	19.30
15	16QAM	36	39	17.54	17.66	17.69	19.30
15	16QAM	75	0	17.56	17.54	17.61	19.30
15	64QAM	1	0	17.66	17.58	17.54	19.30
15	64QAM	1	37	17.60	17.69	17.71	19.30



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15	64QAM	1	74	17.72	17.64	17.70	19.30
15	64QAM	36	0	17.68	17.61	17.57	19.30
15	64QAM	36	20	17.61	17.55	17.61	19.30
15	64QAM	36	39	17.56	17.66	17.61	19.30
15	64QAM	75	0	17.57	17.66	17.62	19.30
15	256QAM	1	0	17.59	17.58	17.61	19.30
15	256QAM	1	37	17.53	17.58	17.54	19.30
15	256QAM	1	74	17.67	17.68	17.63	19.30
15	256QAM	36	0	17.61	17.54	17.68	19.30
15	256QAM	36	20	17.62	17.58	17.56	19.30
15	256QAM	36	39	17.50	17.57	17.63	19.30
15	256QAM	75	0	17.62	17.69	17.58	19.30
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.72	17.84	17.76	19.30
10	QPSK	1	25	17.58	17.65	17.69	19.30
10	QPSK	1	49	17.66	17.67	17.65	19.30
10	QPSK	25	0	17.72	17.78	17.61	19.30
10	QPSK	25	12	17.71	17.61	17.66	19.30
10	QPSK	25	25	17.51	17.59	17.65	19.30
10	QPSK	50	0	17.62	17.66	17.60	19.30
10	16QAM	1	0	17.59	17.54	17.67	19.30
10	16QAM	1	25	17.55	17.51	17.61	19.30
10	16QAM	1	49	17.56	17.64	17.62	19.30
10	16QAM	25	0	17.66	17.59	17.69	19.30
10	16QAM	25	12	17.68	17.63	17.54	19.30
10	16QAM	25	25	17.56	17.57	17.59	19.30
10	16QAM	50	0	17.53	17.54	17.71	19.30
10	64QAM	1	0	17.58	17.57	17.61	19.30
10	64QAM	1	25	17.67	17.66	17.71	19.30
10	64QAM	1	49	17.71	17.61	17.59	19.30
10	64QAM	25	0	17.67	17.59	17.67	19.30
10	64QAM	25	12	17.70	17.53	17.62	19.30
10	64QAM	25	25	17.60	17.66	17.65	19.30
10	64QAM	50	0	17.66	17.64	17.57	19.30
10	256QAM	1	0	17.62	17.58	17.64	19.30
10	256QAM	1	25	17.56	17.57	17.50	19.30
10	256QAM	1	49	17.71	17.69	17.68	19.30
10	256QAM	25	0	17.70	17.57	17.67	19.30
10	256QAM	25	12	17.57	17.62	17.59	19.30
10	256QAM	25	25	17.63	17.54	17.64	19.30
10	256QAM	50	0	17.58	17.71	17.55	19.30
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.64	17.75	17.73	19.30
5	QPSK	1	12	17.64	17.60	17.63	19.30
5	QPSK	1	24	17.62	17.65	17.64	19.30
5	QPSK	12	0	17.72	17.72	17.69	19.30
5	QPSK	12	7	17.66	17.66	17.60	19.30
5	QPSK	12	13	17.49	17.63	17.64	19.30
5	QPSK	25	0	17.63	17.71	17.60	19.30
5	16QAM	1	0	17.60	17.58	17.58	19.30
5	16QAM	1	12	17.53	17.53	17.67	19.30
5	16QAM	1	24	17.54	17.62	17.58	19.30
5	16QAM	12	0	17.60	17.64	17.63	19.30
5	16QAM	12	7	17.61	17.55	17.54	19.30
5	16QAM	12	13	17.56	17.61	17.66	19.30
5	16QAM	25	0	17.52	17.53	17.69	19.30
5	64QAM	1	0	17.65	17.63	17.62	19.30
5	64QAM	1	12	17.67	17.63	17.64	19.30
5	64QAM	1	24	17.72	17.63	17.61	19.30
5	64QAM	12	0	17.66	17.66	17.67	19.30
5	64QAM	12	7	17.65	17.57	17.65	19.30
5	64QAM	12	13	17.58	17.58	17.64	19.30
5	64QAM	25	0	17.59	17.65	17.66	19.30
5	256QAM	1	0	17.65	17.59	17.66	19.30
5	256QAM	1	12	17.54	17.56	17.59	19.30
5	256QAM	1	24	17.71	17.72	17.67	19.30
5	256QAM	12	0	17.57	17.52	17.64	19.30
5	256QAM	12	7	17.70	17.58	17.66	19.30
5	256QAM	12	13	17.53	17.64	17.61	19.30
5	256QAM	25	0	17.61	17.70	17.53	19.30

**【LTE Band 38_Ant 4_ECI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.18	23.19	23.14	24.00
20	QPSK	1	49	23.13	23.17	23.02	24.00
20	QPSK	1	99	22.88	22.98	22.81	24.00
20	QPSK	50	0	22.11	22.15	21.97	23.00
20	QPSK	50	24	21.97	22.11	21.96	23.00
20	QPSK	50	50	21.98	22.02	21.91	23.00
20	QPSK	100	0	22.00	22.09	21.90	23.00
20	16QAM	1	0	22.02	22.13	21.99	23.00
20	16QAM	1	49	22.04	22.12	22.01	23.00
20	16QAM	1	99	21.89	21.93	21.82	23.00
20	16QAM	50	0	21.07	21.15	21.00	22.00
20	16QAM	50	24	20.97	21.13	21.01	22.00
20	16QAM	50	50	20.95	21.03	20.84	22.00
20	16QAM	100	0	21.00	21.12	21.05	22.00
20	64QAM	1	0	20.75	20.82	20.72	22.00
20	64QAM	1	49	20.71	20.79	20.66	22.00
20	64QAM	1	99	20.49	20.61	20.47	22.00
20	64QAM	50	0	20.12	20.19	20.13	21.00
20	64QAM	50	24	20.09	20.14	19.96	21.00
20	64QAM	50	50	20.00	20.07	20.01	21.00
20	64QAM	100	0	19.98	20.09	19.93	21.00
20	256QAM	1	0	18.01	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.08	17.93	19.00
20	256QAM	1	99	17.86	17.90	17.82	19.00
20	256QAM	50	0	18.19	18.27	18.21	19.00
20	256QAM	50	24	18.14	18.23	18.14	19.00
20	256QAM	50	50	18.11	18.15	18.01	19.00
20	256QAM	100	0	18.08	18.17	18.06	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.16	23.11	23.02	24.00
15	QPSK	1	37	23.06	23.15	22.91	24.00
15	QPSK	1	74	22.85	22.93	22.75	24.00
15	QPSK	36	0	21.97	22.13	21.83	23.00
15	QPSK	36	20	21.94	22.07	21.95	23.00
15	QPSK	36	39	21.95	21.91	21.79	23.00
15	QPSK	75	0	21.86	22.00	21.79	23.00
15	16QAM	1	0	21.98	22.01	21.98	23.00
15	16QAM	1	37	21.98	22.07	21.88	23.00
15	16QAM	1	74	21.86	21.82	21.74	23.00
15	16QAM	36	0	20.99	21.04	20.93	22.00
15	16QAM	36	20	20.96	21.07	20.95	22.00
15	16QAM	36	39	20.87	20.90	20.82	22.00
15	16QAM	75	0	20.96	21.04	20.96	22.00
15	64QAM	1	0	20.71	20.78	20.61	22.00
15	64QAM	1	37	20.65	20.65	20.57	22.00
15	64QAM	1	74	20.43	20.58	20.38	22.00
15	64QAM	36	0	20.08	20.09	20.08	21.00
15	64QAM	36	20	19.95	20.11	19.95	21.00
15	64QAM	36	39	19.98	19.96	19.99	21.00
15	64QAM	75	0	19.86	20.08	19.82	21.00
15	256QAM	1	0	17.94	17.94	17.90	19.00
15	256QAM	1	37	17.96	18.01	17.88	19.00
15	256QAM	1	74	17.79	17.85	17.75	19.00
15	256QAM	36	0	18.08	18.25	18.12	19.00
15	256QAM	36	20	18.00	18.10	18.09	19.00
15	256QAM	36	39	18.05	18.11	17.88	19.00
15	256QAM	75	0	18.04	18.03	18.00	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.14	23.17	23.09	24.00
10	QPSK	1	25	23.11	23.13	23.00	24.00
10	QPSK	1	49	22.85	22.84	22.73	24.00
10	QPSK	25	0	21.99	22.09	21.93	23.00
10	QPSK	25	12	21.85	22.07	21.82	23.00
10	QPSK	25	25	21.84	21.89	21.81	23.00
10	QPSK	50	0	21.98	21.96	21.82	23.00
10	16QAM	1	0	21.87	22.10	21.91	23.00
10	16QAM	1	25	21.93	22.07	21.88	23.00
10	16QAM	1	49	21.81	21.84	21.70	23.00
10	16QAM	25	0	20.92	21.10	20.85	22.00
10	16QAM	25	12	20.89	21.10	20.86	22.00



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10	16QAM	25	25	20.81	20.93	20.75	22.00
10	16QAM	50	0	20.90	21.06	20.92	22.00
10	64QAM	1	0	20.73	20.81	20.70	22.00
10	64QAM	1	25	20.69	20.77	20.62	22.00
10	64QAM	1	49	20.37	20.60	20.37	22.00
10	64QAM	25	0	20.03	20.06	20.08	21.00
10	64QAM	25	12	20.05	20.08	19.89	21.00
10	64QAM	25	25	19.97	19.93	19.94	21.00
10	64QAM	50	0	19.90	20.01	19.85	21.00
10	256QAM	1	0	17.95	17.96	17.97	19.00
10	256QAM	1	25	17.91	18.04	17.91	19.00
10	256QAM	1	49	17.80	17.87	17.75	19.00
10	256QAM	25	0	18.05	18.23	18.09	19.00
10	256QAM	25	12	18.01	18.19	18.13	19.00
10	256QAM	25	25	18.03	18.02	17.96	19.00
10	256QAM	50	0	17.93	18.13	17.98	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.03	23.13	23.07	24.00
5	QPSK	1	12	23.02	23.05	22.91	24.00
5	QPSK	1	24	22.75	22.95	22.70	24.00
5	QPSK	12	0	21.97	22.09	21.91	23.00
5	QPSK	12	7	21.90	22.06	21.82	23.00
5	QPSK	12	13	21.93	21.96	21.77	23.00
5	QPSK	25	0	21.98	22.06	21.86	23.00
5	16QAM	1	0	21.92	22.06	21.97	23.00
5	16QAM	1	12	21.99	22.05	21.98	23.00
5	16QAM	1	24	21.78	21.89	21.70	23.00
5	16QAM	12	0	20.98	21.06	20.86	22.00
5	16QAM	12	7	20.96	21.04	20.92	22.00
5	16QAM	12	13	20.91	21.01	20.74	22.00
5	16QAM	25	0	20.88	21.08	20.98	22.00
5	64QAM	1	0	20.64	20.79	20.70	22.00
5	64QAM	1	12	20.56	20.67	20.58	22.00
5	64QAM	1	24	20.37	20.51	20.34	22.00
5	64QAM	12	0	20.11	20.13	20.02	21.00
5	64QAM	12	7	20.00	20.08	19.88	21.00
5	64QAM	12	13	19.93	20.01	19.94	21.00
5	64QAM	25	0	19.86	20.06	19.78	21.00
5	256QAM	1	0	17.92	18.03	17.97	19.00
5	256QAM	1	12	17.86	18.01	17.85	19.00
5	256QAM	1	24	17.73	17.83	17.71	19.00
5	256QAM	12	0	18.04	18.15	18.06	19.00
5	256QAM	12	7	18.09	18.11	18.09	19.00
5	256QAM	12	13	18.01	18.06	17.90	19.00
5	256QAM	25	0	18.01	18.10	18.03	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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.18	23.19	23.14	24.00
20	QPSK	1	49	23.13	23.17	23.02	24.00
20	QPSK	1	99	22.88	22.98	22.81	24.00
20	QPSK	50	0	22.11	22.15	21.97	23.00
20	QPSK	50	24	21.97	22.11	21.96	23.00
20	QPSK	50	50	21.98	22.02	21.91	23.00
20	QPSK	100	0	22.00	22.09	21.90	23.00
20	16QAM	1	0	22.02	22.13	21.99	23.00
20	16QAM	1	49	22.04	22.12	22.01	23.00
20	16QAM	1	99	21.89	21.93	21.82	23.00
20	16QAM	50	0	21.07	21.15	21.00	22.00
20	16QAM	50	24	20.97	21.13	21.01	22.00
20	16QAM	50	50	20.95	21.03	20.84	22.00
20	16QAM	100	0	21.00	21.12	21.05	22.00
20	64QAM	1	0	20.75	20.82	20.72	22.00
20	64QAM	1	49	20.71	20.79	20.66	22.00
20	64QAM	1	99	20.49	20.61	20.47	22.00
20	64QAM	50	0	20.12	20.19	20.13	21.00
20	64QAM	50	24	20.09	20.14	19.96	21.00
20	64QAM	50	50	20.00	20.07	20.01	21.00



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20	64QAM	100	0	19.98	20.09	19.93	21.00
20	256QAM	1	0	18.01	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.08	17.93	19.00
20	256QAM	1	99	17.86	17.90	17.82	19.00
20	256QAM	50	0	18.19	18.27	18.21	19.00
20	256QAM	50	24	18.14	18.23	18.14	19.00
20	256QAM	50	50	18.11	18.15	18.01	19.00
20	256QAM	100	0	18.08	18.17	18.06	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.16	23.11	23.02	24.00
15	QPSK	1	37	23.06	23.15	22.91	24.00
15	QPSK	1	74	22.85	22.93	22.75	24.00
15	QPSK	36	0	21.97	22.13	21.83	23.00
15	QPSK	36	20	21.94	22.07	21.95	23.00
15	QPSK	36	39	21.95	21.91	21.79	23.00
15	QPSK	75	0	21.86	22.00	21.79	23.00
15	16QAM	1	0	21.98	22.01	21.98	23.00
15	16QAM	1	37	21.98	22.07	21.88	23.00
15	16QAM	1	74	21.86	21.82	21.74	23.00
15	16QAM	36	0	20.99	21.04	20.93	22.00
15	16QAM	36	20	20.96	21.07	20.95	22.00
15	16QAM	36	39	20.87	20.90	20.82	22.00
15	16QAM	75	0	20.96	21.04	20.96	22.00
15	64QAM	1	0	20.71	20.78	20.61	22.00
15	64QAM	1	37	20.65	20.65	20.57	22.00
15	64QAM	1	74	20.43	20.58	20.38	22.00
15	64QAM	36	0	20.08	20.09	20.08	21.00
15	64QAM	36	20	19.95	20.11	19.95	21.00
15	64QAM	36	39	19.98	19.96	19.99	21.00
15	64QAM	75	0	19.86	20.08	19.82	21.00
15	256QAM	1	0	17.94	17.94	17.90	19.00
15	256QAM	1	37	17.96	18.01	17.88	19.00
15	256QAM	1	74	17.79	17.85	17.75	19.00
15	256QAM	36	0	18.08	18.25	18.12	19.00
15	256QAM	36	20	18.00	18.10	18.09	19.00
15	256QAM	36	39	18.05	18.11	17.88	19.00
15	256QAM	75	0	18.04	18.03	18.00	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.14	23.17	23.09	24.00
10	QPSK	1	25	23.11	23.13	23.00	24.00
10	QPSK	1	49	22.85	22.84	22.73	24.00
10	QPSK	25	0	21.99	22.09	21.93	23.00
10	QPSK	25	12	21.85	22.07	21.82	23.00
10	QPSK	25	25	21.84	21.89	21.81	23.00
10	QPSK	50	0	21.98	21.96	21.82	23.00
10	16QAM	1	0	21.87	22.10	21.91	23.00
10	16QAM	1	25	21.93	22.07	21.88	23.00
10	16QAM	1	49	21.81	21.84	21.70	23.00
10	16QAM	25	0	20.92	21.10	20.85	22.00
10	16QAM	25	12	20.89	21.10	20.86	22.00
10	16QAM	25	25	20.81	20.93	20.75	22.00
10	16QAM	50	0	20.90	21.06	20.92	22.00
10	64QAM	1	0	20.73	20.81	20.70	22.00
10	64QAM	1	25	20.69	20.77	20.62	22.00
10	64QAM	1	49	20.37	20.60	20.37	22.00
10	64QAM	25	0	20.03	20.06	20.08	21.00
10	64QAM	25	12	20.05	20.08	19.89	21.00
10	64QAM	25	25	19.97	19.93	19.94	21.00
10	64QAM	50	0	19.90	20.01	19.85	21.00
10	256QAM	1	0	17.95	17.96	17.97	19.00
10	256QAM	1	25	17.91	18.04	17.91	19.00
10	256QAM	1	49	17.80	17.87	17.75	19.00
10	256QAM	25	0	18.05	18.23	18.09	19.00
10	256QAM	25	12	18.01	18.19	18.13	19.00
10	256QAM	25	25	18.03	18.02	17.96	19.00
10	256QAM	50	0	17.93	18.13	17.98	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.03	23.13	23.07	24.00
5	QPSK	1	12	23.02	23.05	22.91	24.00
5	QPSK	1	24	22.75	22.95	22.70	24.00
5	QPSK	12	0	21.97	22.09	21.91	23.00
5	QPSK	12	7	21.90	22.06	21.82	23.00
5	QPSK	12	13	21.93	21.96	21.77	23.00
5	QPSK	25	0	21.98	22.06	21.86	23.00
5	16QAM	1	0	21.92	22.06	21.97	23.00



5	16QAM	1	12	21.99	22.05	21.98	23.00
5	16QAM	1	24	21.78	21.89	21.70	23.00
5	16QAM	12	0	20.98	21.06	20.86	22.00
5	16QAM	12	7	20.96	21.04	20.92	22.00
5	16QAM	12	13	20.91	21.01	20.74	22.00
5	16QAM	25	0	20.88	21.08	20.98	22.00
5	64QAM	1	0	20.64	20.79	20.70	22.00
5	64QAM	1	12	20.56	20.67	20.58	22.00
5	64QAM	1	24	20.37	20.51	20.34	22.00
5	64QAM	12	0	20.11	20.13	20.02	21.00
5	64QAM	12	7	20.00	20.08	19.88	21.00
5	64QAM	12	13	19.93	20.01	19.94	21.00
5	64QAM	25	0	19.86	20.06	19.78	21.00
5	256QAM	1	0	17.92	18.03	17.97	19.00
5	256QAM	1	12	17.86	18.01	17.85	19.00
5	256QAM	1	24	17.73	17.83	17.71	19.00
5	256QAM	12	0	18.04	18.15	18.06	19.00
5	256QAM	12	7	18.09	18.11	18.09	19.00
5	256QAM	12	13	18.01	18.06	17.90	19.00
5	256QAM	25	0	18.01	18.10	18.03	19.00

【LTE Band 38_Ant 4_ECI 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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	16.50	16.59	16.53	18.20
20	QPSK	1	49	16.47	16.44	16.38	18.20
20	QPSK	1	99	16.44	16.47	16.40	18.20
20	QPSK	50	0	16.44	16.48	16.46	18.20
20	QPSK	50	24	16.40	16.46	16.40	18.20
20	QPSK	50	50	16.42	16.42	16.42	18.20
20	QPSK	100	0	16.40	16.46	16.43	18.20
20	16QAM	1	0	16.43	16.38	16.43	18.20
20	16QAM	1	49	16.37	16.49	16.37	18.20
20	16QAM	1	99	16.43	16.42	16.42	18.20
20	16QAM	50	0	16.37	16.39	16.49	18.20
20	16QAM	50	24	16.38	16.40	16.40	18.20
20	16QAM	50	50	16.43	16.46	16.48	18.20
20	16QAM	100	0	16.39	16.47	16.41	18.20
20	64QAM	1	0	16.41	16.45	16.44	18.20
20	64QAM	1	49	16.47	16.41	16.46	18.20
20	64QAM	1	99	16.42	16.41	16.42	18.20
20	64QAM	50	0	16.44	16.39	16.39	18.20
20	64QAM	50	24	16.47	16.46	16.41	18.20
20	64QAM	50	50	16.41	16.47	16.46	18.20
20	64QAM	100	0	16.38	16.38	16.45	18.20
20	256QAM	1	0	16.40	16.45	16.41	18.20
20	256QAM	1	49	16.40	16.42	16.43	18.20
20	256QAM	1	99	16.46	16.46	16.43	18.20
20	256QAM	50	0	16.38	16.48	16.46	18.20
20	256QAM	50	24	16.41	16.49	16.40	18.20
20	256QAM	50	50	16.37	16.40	16.44	18.20
20	256QAM	100	0	16.41	16.48	16.40	18.20
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.41	16.44	16.39	18.20
15	QPSK	1	37	16.35	16.41	16.30	18.20
15	QPSK	1	74	16.40	16.35	16.30	18.20
15	QPSK	36	0	16.36	16.42	16.38	18.20
15	QPSK	36	20	16.31	16.35	16.31	18.20
15	QPSK	36	39	16.34	16.30	16.38	18.20
15	QPSK	75	0	16.36	16.44	16.35	18.20
15	16QAM	1	0	16.36	16.35	16.32	18.20
15	16QAM	1	37	16.26	16.42	16.33	18.20
15	16QAM	1	74	16.36	16.33	16.39	18.20
15	16QAM	36	0	16.28	16.28	16.39	18.20
15	16QAM	36	20	16.29	16.30	16.36	18.20
15	16QAM	36	39	16.36	16.33	16.38	18.20
15	16QAM	75	0	16.36	16.35	16.38	18.20
15	64QAM	1	0	16.34	16.41	16.35	18.20
15	64QAM	1	37	16.37	16.26	16.32	18.20



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15	64QAM	1	74	16.28	16.28	16.35	18.20
15	64QAM	36	0	16.29	16.25	16.34	18.20
15	64QAM	36	20	16.36	16.34	16.36	18.20
15	64QAM	36	39	16.36	16.38	16.40	18.20
15	64QAM	75	0	16.36	16.35	16.32	18.20
15	256QAM	1	0	16.26	16.37	16.36	18.20
15	256QAM	1	37	16.28	16.31	16.33	18.20
15	256QAM	1	74	16.45	16.41	16.29	18.20
15	256QAM	36	0	16.30	16.40	16.40	18.20
15	256QAM	36	20	16.31	16.36	16.30	18.20
15	256QAM	36	39	16.24	16.30	16.33	18.20
15	256QAM	75	0	16.35	16.37	16.37	18.20
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	16.48	16.47	16.42	18.20
10	QPSK	1	25	16.32	16.33	16.29	18.20
10	QPSK	1	49	16.32	16.39	16.36	18.20
10	QPSK	25	0	16.37	16.41	16.36	18.20
10	QPSK	25	12	16.29	16.41	16.36	18.20
10	QPSK	25	25	16.32	16.30	16.38	18.20
10	QPSK	50	0	16.37	16.36	16.33	18.20
10	16QAM	1	0	16.32	16.33	16.31	18.20
10	16QAM	1	25	16.27	16.44	16.35	18.20
10	16QAM	1	49	16.29	16.34	16.32	18.20
10	16QAM	25	0	16.29	16.25	16.34	18.20
10	16QAM	25	12	16.32	16.29	16.35	18.20
10	16QAM	25	25	16.35	16.32	16.37	18.20
10	16QAM	50	0	16.34	16.44	16.28	18.20
10	64QAM	1	0	16.29	16.38	16.35	18.20
10	64QAM	1	25	16.41	16.35	16.35	18.20
10	64QAM	1	49	16.30	16.28	16.39	18.20
10	64QAM	25	0	16.30	16.33	16.31	18.20
10	64QAM	25	12	16.42	16.42	16.39	18.20
10	64QAM	25	25	16.31	16.41	16.38	18.20
10	64QAM	50	0	16.29	16.23	16.44	18.20
10	256QAM	1	0	16.37	16.39	16.28	18.20
10	256QAM	1	25	16.25	16.33	16.29	18.20
10	256QAM	1	49	16.44	16.43	16.36	18.20
10	256QAM	25	0	16.34	16.34	16.38	18.20
10	256QAM	25	12	16.26	16.35	16.32	18.20
10	256QAM	25	25	16.35	16.32	16.36	18.20
10	256QAM	50	0	16.31	16.47	16.30	18.20
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	16.47	16.54	16.46	18.20
5	QPSK	1	12	16.43	16.33	16.24	18.20
5	QPSK	1	24	16.33	16.35	16.35	18.20
5	QPSK	12	0	16.34	16.35	16.37	18.20
5	QPSK	12	7	16.29	16.33	16.29	18.20
5	QPSK	12	13	16.34	16.30	16.33	18.20
5	QPSK	25	0	16.35	16.42	16.36	18.20
5	16QAM	1	0	16.39	16.26	16.35	18.20
5	16QAM	1	12	16.35	16.43	16.23	18.20
5	16QAM	1	24	16.33	16.35	16.38	18.20
5	16QAM	12	0	16.32	16.29	16.47	18.20
5	16QAM	12	7	16.31	16.37	16.38	18.20
5	16QAM	12	13	16.37	16.38	16.42	18.20
5	16QAM	25	0	16.34	16.44	16.27	18.20
5	64QAM	1	0	16.27	16.34	16.38	18.20
5	64QAM	1	12	16.44	16.40	16.36	18.20
5	64QAM	1	24	16.28	16.28	16.39	18.20
5	64QAM	12	0	16.43	16.25	16.26	18.20
5	64QAM	12	7	16.42	16.42	16.30	18.20
5	64QAM	12	13	16.29	16.32	16.45	18.20
5	64QAM	25	0	16.26	16.28	16.40	18.20
5	256QAM	1	0	16.36	16.35	16.32	18.20
5	256QAM	1	12	16.35	16.40	16.38	18.20
5	256QAM	1	24	16.39	16.32	16.42	18.20
5	256QAM	12	0	16.35	16.35	16.42	18.20
5	256QAM	12	7	16.37	16.36	16.35	18.20
5	256QAM	12	13	16.27	16.29	16.30	18.20
5	256QAM	25	0	16.32	16.47	16.29	18.20



【LTE Band 41_FCC (2496~2690MHz)_Ant

4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.90	22.92	23.34	23.09	23.31	24.00
20	QPSK	1	49	22.64	22.74	23.20	22.80	23.09	24.00
20	QPSK	1	99	22.54	22.57	23.02	22.71	22.93	24.00
20	QPSK	50	0	21.65	21.80	22.14	21.83	22.09	23.00
20	QPSK	50	24	21.58	21.61	22.11	21.79	22.06	23.00
20	QPSK	50	50	21.51	21.62	22.04	21.75	21.90	23.00
20	QPSK	100	0	21.64	21.54	22.09	21.71	21.96	23.00
20	16QAM	1	0	21.71	21.61	22.16	21.85	21.98	23.00
20	16QAM	1	49	21.66	21.71	22.14	21.78	22.06	23.00
20	16QAM	1	99	21.43	21.43	21.95	21.65	21.78	23.00
20	16QAM	50	0	20.61	20.64	21.15	20.91	21.07	22.00
20	16QAM	50	24	20.64	20.60	21.12	20.80	20.97	22.00
20	16QAM	50	50	20.60	20.63	21.05	20.78	20.96	22.00
20	16QAM	100	0	20.57	20.71	21.11	20.87	20.96	22.00
20	64QAM	1	0	20.31	20.44	20.84	20.52	20.76	22.00
20	64QAM	1	49	20.28	20.29	20.80	20.48	20.67	22.00
20	64QAM	1	99	20.13	20.15	20.60	20.29	20.52	22.00
20	64QAM	50	0	19.72	19.81	20.22	19.93	20.18	21.00
20	64QAM	50	24	19.74	19.75	20.18	19.92	20.10	21.00
20	64QAM	50	50	19.70	19.66	20.12	19.85	20.04	21.00
20	64QAM	100	0	19.62	19.70	20.13	19.82	20.01	21.00
20	256QAM	1	0	17.64	17.68	18.07	17.80	17.98	19.00
20	256QAM	1	49	17.65	17.67	18.03	17.69	17.98	19.00
20	256QAM	1	99	17.43	17.46	17.85	17.54	17.68	19.00
20	256QAM	50	0	17.84	17.81	18.25	17.99	18.12	19.00
20	256QAM	50	24	17.80	17.88	18.24	17.97	18.10	19.00
20	256QAM	50	50	17.69	17.73	18.16	17.93	18.04	19.00
20	256QAM	100	0	17.76	17.80	18.15	17.92	18.04	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.88	22.90	23.19	23.02	23.17	24.00
15	QPSK	1	37	22.51	22.60	23.13	22.75	22.95	24.00
15	QPSK	1	74	22.40	22.48	22.99	22.67	22.91	24.00
15	QPSK	36	0	21.51	21.58	22.05	21.69	22.00	23.00
15	QPSK	36	20	21.45	21.49	22.00	21.65	21.95	23.00
15	QPSK	36	39	21.49	21.61	21.99	21.68	21.76	23.00
15	QPSK	75	0	21.59	21.44	21.95	21.69	21.89	23.00
15	16QAM	1	0	21.66	21.57	22.12	21.80	21.90	23.00
15	16QAM	1	37	21.58	21.58	22.09	21.70	21.91	23.00
15	16QAM	1	74	21.36	21.35	21.85	21.57	21.68	23.00
15	16QAM	36	0	20.60	20.53	21.09	20.77	21.02	22.00
15	16QAM	36	20	20.50	20.54	20.97	20.79	20.94	22.00
15	16QAM	36	39	20.56	20.55	21.01	20.67	20.86	22.00
15	16QAM	75	0	20.56	20.66	21.04	20.81	20.90	22.00
15	64QAM	1	0	20.23	20.37	20.72	20.45	20.67	22.00
15	64QAM	1	37	20.20	20.15	20.68	20.39	20.55	22.00
15	64QAM	1	74	20.05	20.05	20.51	20.23	20.43	22.00
15	64QAM	36	0	19.70	19.78	20.14	19.86	20.15	21.00
15	64QAM	36	20	19.73	19.66	20.08	19.78	19.98	21.00
15	64QAM	36	39	19.57	19.64	20.07	19.83	19.90	21.00
15	64QAM	75	0	19.56	19.66	20.08	19.77	19.86	21.00
15	256QAM	1	0	17.57	17.60	17.97	17.78	17.84	19.00
15	256QAM	1	37	17.62	17.55	17.95	17.62	17.96	19.00
15	256QAM	1	74	17.39	17.34	17.80	17.50	17.54	19.00
15	256QAM	36	0	17.72	17.68	18.21	17.90	18.08	19.00
15	256QAM	36	20	17.76	17.74	18.23	17.96	18.07	19.00
15	256QAM	36	39	17.54	17.61	18.05	17.86	18.02	19.00
15	256QAM	75	0	17.72	17.65	18.04	17.86	17.92	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.77	22.85	23.23	23.04	23.23	24.00
10	QPSK	1	25	22.57	22.65	23.06	22.70	23.05	24.00
10	QPSK	1	49	22.47	22.45	22.88	22.69	22.86	24.00
10	QPSK	25	0	21.59	21.68	22.02	21.73	21.98	23.00
10	QPSK	25	12	21.44	21.55	22.10	21.78	21.96	23.00
10	QPSK	25	25	21.42	21.50	22.00	21.63	21.79	23.00
10	QPSK	50	0	21.49	21.52	21.97	21.69	21.95	23.00
10	16QAM	1	0	21.60	21.50	22.11	21.74	21.85	23.00



10	16QAM	1	25	21.65	21.67	22.02	21.72	22.03	23.00
10	16QAM	1	49	21.30	21.36	21.87	21.57	21.74	23.00
10	16QAM	25	0	20.50	20.61	21.13	20.88	21.02	22.00
10	16QAM	25	12	20.57	20.53	21.11	20.66	20.89	22.00
10	16QAM	25	25	20.58	20.61	21.00	20.71	20.87	22.00
10	16QAM	50	0	20.48	20.56	21.03	20.86	20.91	22.00
10	64QAM	1	0	20.20	20.42	20.74	20.47	20.70	22.00
10	64QAM	1	25	20.17	20.26	20.68	20.38	20.56	22.00
10	64QAM	1	49	20.11	20.13	20.51	20.20	20.37	22.00
10	64QAM	25	0	19.59	19.67	20.16	19.83	20.09	21.00
10	64QAM	25	12	19.66	19.73	20.11	19.81	20.05	21.00
10	64QAM	25	25	19.57	19.58	19.99	19.80	20.02	21.00
10	64QAM	50	0	19.50	19.55	20.03	19.73	19.95	21.00
10	256QAM	1	0	17.56	17.63	17.92	17.71	17.87	19.00
10	256QAM	1	25	17.53	17.53	17.98	17.60	17.92	19.00
10	256QAM	1	49	17.39	17.36	17.75	17.42	17.54	19.00
10	256QAM	25	0	17.75	17.71	18.17	17.93	18.05	19.00
10	256QAM	25	12	17.73	17.81	18.17	17.89	17.97	19.00
10	256QAM	25	25	17.56	17.69	18.04	17.86	18.00	19.00
10	256QAM	50	0	17.65	17.70	18.10	17.81	17.97	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.83	22.89	23.21	22.97	23.28	24.00
5	QPSK	1	12	22.52	22.70	23.08	22.78	23.01	24.00
5	QPSK	1	24	22.49	22.53	22.89	22.66	22.88	24.00
5	QPSK	12	0	21.63	21.66	22.12	21.74	21.95	23.00
5	QPSK	12	7	21.55	21.48	22.00	21.65	21.91	23.00
5	QPSK	12	13	21.37	21.56	22.02	21.64	21.80	23.00
5	QPSK	25	0	21.60	21.43	21.95	21.64	21.83	23.00
5	16QAM	1	0	21.59	21.55	22.15	21.74	21.95	23.00
5	16QAM	1	12	21.60	21.68	22.06	21.71	21.99	23.00
5	16QAM	1	24	21.42	21.31	21.81	21.58	21.67	23.00
5	16QAM	12	0	20.54	20.59	21.03	20.81	20.99	22.00
5	16QAM	12	7	20.54	20.46	21.04	20.73	20.86	22.00
5	16QAM	12	13	20.47	20.57	20.92	20.77	20.94	22.00
5	16QAM	25	0	20.44	20.62	21.10	20.81	20.82	22.00
5	64QAM	1	0	20.25	20.39	20.81	20.43	20.74	22.00
5	64QAM	1	12	20.18	20.17	20.73	20.37	20.57	22.00
5	64QAM	1	24	20.10	20.11	20.47	20.21	20.39	22.00
5	64QAM	12	0	19.70	19.68	20.14	19.91	20.07	21.00
5	64QAM	12	7	19.72	19.68	20.09	19.81	19.99	21.00
5	64QAM	12	13	19.56	19.57	20.00	19.71	19.95	21.00
5	64QAM	25	0	19.60	19.57	20.02	19.71	19.89	21.00
5	256QAM	1	0	17.52	17.60	18.06	17.68	17.92	19.00
5	256QAM	1	12	17.59	17.57	17.89	17.64	17.89	19.00
5	256QAM	1	24	17.40	17.43	17.70	17.49	17.58	19.00
5	256QAM	12	0	17.71	17.79	18.17	17.91	17.99	19.00
5	256QAM	12	7	17.77	17.81	18.11	17.93	17.98	19.00
5	256QAM	12	13	17.64	17.60	18.08	17.91	18.03	19.00
5	256QAM	25	0	17.71	17.66	18.04	17.80	17.98	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.69	19.74	19.75	19.67	19.68	20.90
20	QPSK	1	49	19.62	19.57	19.56	19.57	19.57	20.90
20	QPSK	1	99	19.63	19.63	19.61	19.66	19.56	20.90
20	QPSK	50	0	19.61	19.67	19.69	19.63	19.65	20.90
20	QPSK	50	24	19.56	19.64	19.63	19.61	19.59	20.90
20	QPSK	50	50	19.59	19.66	19.56	19.58	19.56	20.90
20	QPSK	100	0	19.63	19.63	19.68	19.62	19.64	20.90
20	16QAM	1	0	19.66	19.60	19.65	19.57	19.64	20.90
20	16QAM	1	49	19.58	19.65	19.60	19.65	19.55	20.90
20	16QAM	1	99	19.66	19.62	19.64	19.59	19.55	20.90
20	16QAM	50	0	19.55	19.59	19.61	19.56	19.60	20.90
20	16QAM	50	24	19.61	19.55	19.67	19.61	19.61	20.90
20	16QAM	50	50	19.65	19.60	19.67	19.63	19.62	20.90
20	16QAM	100	0	19.61	19.65	19.62	19.62	19.66	20.90



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20	64QAM	1	0	19.63	19.59	19.62	19.64	19.59	20.90
20	64QAM	1	49	19.65	19.67	19.62	19.58	19.62	20.90
20	64QAM	1	99	19.67	19.56	19.59	19.66	19.65	20.90
20	64QAM	50	0	19.65	19.61	19.62	19.62	19.66	20.90
20	64QAM	50	24	19.57	19.65	19.58	19.64	19.64	20.90
20	64QAM	50	50	19.65	19.64	19.55	19.64	19.63	20.90
20	64QAM	100	0	19.66	19.61	19.55	19.59	19.64	20.90
20	256QAM	1	0	17.64	17.68	18.07	17.80	17.98	19.00
20	256QAM	1	49	17.65	17.67	18.03	17.69	17.98	19.00
20	256QAM	1	99	17.43	17.46	17.85	17.54	17.68	19.00
20	256QAM	50	0	17.84	17.81	18.25	17.99	18.12	19.00
20	256QAM	50	24	17.80	17.88	18.24	17.97	18.10	19.00
20	256QAM	50	50	17.69	17.73	18.16	17.93	18.04	19.00
20	256QAM	100	0	17.76	17.80	18.15	17.92	18.04	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.57	19.70	19.62	19.66	19.56	20.90
15	QPSK	1	37	19.59	19.43	19.46	19.45	19.54	20.90
15	QPSK	1	74	19.58	19.61	19.52	19.61	19.44	20.90
15	QPSK	36	0	19.52	19.61	19.60	19.60	19.57	20.90
15	QPSK	36	20	19.49	19.60	19.50	19.50	19.46	20.90
15	QPSK	36	39	19.52	19.64	19.44	19.46	19.47	20.90
15	QPSK	75	0	19.53	19.49	19.57	19.55	19.50	20.90
15	16QAM	1	0	19.60	19.45	19.57	19.51	19.63	20.90
15	16QAM	1	37	19.50	19.61	19.52	19.54	19.53	20.90
15	16QAM	1	74	19.53	19.57	19.53	19.46	19.52	20.90
15	16QAM	36	0	19.44	19.54	19.51	19.55	19.51	20.90
15	16QAM	36	20	19.54	19.52	19.58	19.48	19.48	20.90
15	16QAM	36	39	19.54	19.51	19.65	19.60	19.49	20.90
15	16QAM	75	0	19.57	19.55	19.52	19.49	19.58	20.90
15	64QAM	1	0	19.49	19.48	19.49	19.52	19.58	20.90
15	64QAM	1	37	19.57	19.56	19.57	19.45	19.53	20.90
15	64QAM	1	74	19.55	19.52	19.50	19.58	19.63	20.90
15	64QAM	36	0	19.63	19.54	19.56	19.55	19.62	20.90
15	64QAM	36	20	19.49	19.53	19.47	19.49	19.59	20.90
15	64QAM	36	39	19.64	19.56	19.50	19.53	19.49	20.90
15	64QAM	75	0	19.54	19.56	19.48	19.55	19.55	20.90
15	256QAM	1	0	17.49	17.66	17.98	17.74	17.94	19.00
15	256QAM	1	37	17.51	17.61	17.89	17.59	17.96	19.00
15	256QAM	1	74	17.32	17.31	17.70	17.42	17.66	19.00
15	256QAM	36	0	17.71	17.70	18.21	17.90	17.98	19.00
15	256QAM	36	20	17.65	17.76	18.14	17.93	17.98	19.00
15	256QAM	36	39	17.66	17.60	18.04	17.85	17.91	19.00
15	256QAM	75	0	17.63	17.67	18.01	17.87	17.96	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.64	19.68	19.73	19.60	19.56	20.90
10	QPSK	1	25	19.52	19.51	19.45	19.51	19.55	20.90
10	QPSK	1	49	19.60	19.60	19.58	19.55	19.54	20.90
10	QPSK	25	0	19.54	19.57	19.56	19.55	19.62	20.90
10	QPSK	25	12	19.54	19.53	19.50	19.49	19.49	20.90
10	QPSK	25	25	19.57	19.55	19.49	19.44	19.52	20.90
10	QPSK	50	0	19.51	19.54	19.61	19.52	19.50	20.90
10	16QAM	1	0	19.52	19.51	19.64	19.45	19.61	20.90
10	16QAM	1	25	19.55	19.58	19.51	19.59	19.49	20.90
10	16QAM	1	49	19.61	19.50	19.61	19.49	19.45	20.90
10	16QAM	25	0	19.53	19.54	19.46	19.54	19.55	20.90
10	16QAM	25	12	19.47	19.45	19.59	19.54	19.53	20.90
10	16QAM	25	25	19.53	19.57	19.56	19.57	19.57	20.90
10	16QAM	50	0	19.51	19.51	19.57	19.55	19.61	20.90
10	64QAM	1	0	19.56	19.55	19.58	19.62	19.47	20.90
10	64QAM	1	25	19.64	19.60	19.50	19.57	19.53	20.90
10	64QAM	1	49	19.59	19.45	19.56	19.51	19.55	20.90
10	64QAM	25	0	19.62	19.58	19.49	19.51	19.62	20.90
10	64QAM	25	12	19.44	19.58	19.53	19.60	19.57	20.90
10	64QAM	25	25	19.56	19.61	19.49	19.51	19.62	20.90
10	64QAM	50	0	19.53	19.47	19.51	19.57	19.59	20.90
10	256QAM	1	0	17.52	17.55	18.02	17.79	17.90	19.00
10	256QAM	1	25	17.56	17.61	17.93	17.58	17.95	19.00
10	256QAM	1	49	17.38	17.33	17.78	17.40	17.58	19.00
10	256QAM	25	0	17.77	17.69	18.10	17.94	18.05	19.00
10	256QAM	25	12	17.74	17.76	18.22	17.90	18.00	19.00
10	256QAM	25	25	17.65	17.67	18.08	17.80	17.97	19.00
10	256QAM	50	0	17.64	17.71	18.04	17.79	17.98	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	



									(dBm)
5	QPSK	1	0	19.55	19.72	19.71	19.56	19.59	20.90
5	QPSK	1	12	19.57	19.48	19.51	19.51	19.46	20.90
5	QPSK	1	24	19.54	19.51	19.50	19.62	19.46	20.90
5	QPSK	12	0	19.46	19.63	19.67	19.59	19.63	20.90
5	QPSK	12	7	19.45	19.59	19.48	19.59	19.47	20.90
5	QPSK	12	13	19.45	19.64	19.46	19.52	19.44	20.90
5	QPSK	25	0	19.54	19.59	19.57	19.55	19.56	20.90
5	16QAM	1	0	19.56	19.47	19.63	19.49	19.52	20.90
5	16QAM	1	12	19.52	19.59	19.52	19.57	19.47	20.90
5	16QAM	1	24	19.52	19.58	19.54	19.57	19.53	20.90
5	16QAM	12	0	19.49	19.47	19.54	19.53	19.59	20.90
5	16QAM	12	7	19.52	19.46	19.64	19.46	19.58	20.90
5	16QAM	12	13	19.57	19.49	19.60	19.51	19.60	20.90
5	16QAM	25	0	19.49	19.60	19.48	19.51	19.61	20.90
5	64QAM	1	0	19.53	19.55	19.52	19.59	19.46	20.90
5	64QAM	1	12	19.53	19.62	19.53	19.51	19.57	20.90
5	64QAM	1	24	19.62	19.43	19.48	19.56	19.55	20.90
5	64QAM	12	0	19.63	19.55	19.59	19.51	19.56	20.90
5	64QAM	12	7	19.53	19.60	19.46	19.53	19.52	20.90
5	64QAM	12	13	19.57	19.57	19.44	19.51	19.59	20.90
5	64QAM	25	0	19.54	19.53	19.52	19.52	19.60	20.90
5	256QAM	1	0	17.58	17.62	18.03	17.65	17.83	19.00
5	256QAM	1	12	17.58	17.63	17.90	17.65	17.86	19.00
5	256QAM	1	24	17.39	17.44	17.73	17.40	17.66	19.00
5	256QAM	12	0	17.74	17.68	18.22	17.86	18.11	19.00
5	256QAM	12	7	17.70	17.85	18.18	17.88	18.06	19.00
5	256QAM	12	13	17.63	17.59	18.09	17.79	18.00	19.00
5	256QAM	25	0	17.69	17.67	18.12	17.81	17.98	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.62	16.62	16.72	16.62	16.70	18.20
20	QPSK	1	49	16.56	16.57	16.53	16.57	16.60	18.20
20	QPSK	1	99	16.54	16.57	16.63	16.59	16.54	18.20
20	QPSK	50	0	16.62	16.58	16.68	16.63	16.61	18.20
20	QPSK	50	24	16.52	16.55	16.59	16.62	16.55	18.20
20	QPSK	50	50	16.61	16.52	16.54	16.57	16.54	18.20
20	QPSK	100	0	16.62	16.54	16.66	16.62	16.63	18.20
20	16QAM	1	0	16.54	16.52	16.54	16.63	16.63	18.20
20	16QAM	1	49	16.61	16.61	16.60	16.64	16.59	18.20
20	16QAM	1	99	16.64	16.53	16.57	16.64	16.59	18.20
20	16QAM	50	0	16.52	16.61	16.55	16.64	16.58	18.20
20	16QAM	50	24	16.56	16.58	16.52	16.56	16.56	18.20
20	16QAM	50	50	16.53	16.58	16.52	16.60	16.58	18.20
20	16QAM	100	0	16.53	16.60	16.52	16.54	16.52	18.20
20	64QAM	1	0	16.59	16.61	16.52	16.58	16.59	18.20
20	64QAM	1	49	16.60	16.63	16.52	16.54	16.57	18.20
20	64QAM	1	99	16.55	16.61	16.58	16.61	16.57	18.20
20	64QAM	50	0	16.62	16.53	16.55	16.54	16.54	18.20
20	64QAM	50	24	16.63	16.56	16.59	16.61	16.56	18.20
20	64QAM	50	50	16.55	16.59	16.54	16.55	16.56	18.20
20	64QAM	100	0	16.63	16.64	16.61	16.62	16.54	18.20
20	256QAM	1	0	16.56	16.55	16.63	16.59	16.60	18.20
20	256QAM	1	49	16.56	16.58	16.64	16.54	16.55	18.20
20	256QAM	1	99	16.60	16.60	16.58	16.62	16.62	18.20
20	256QAM	50	0	16.56	16.60	16.58	16.56	16.56	18.20
20	256QAM	50	24	16.60	16.61	16.62	16.63	16.62	18.20
20	256QAM	50	50	16.62	16.55	16.55	16.59	16.53	18.20
20	256QAM	100	0	16.60	16.56	16.63	16.64	16.61	18.20
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.56	16.54	16.69	16.56	16.64	18.20
15	QPSK	1	37	16.42	16.43	16.43	16.47	16.48	18.20
15	QPSK	1	74	16.46	16.42	16.57	16.54	16.52	18.20
15	QPSK	36	0	16.58	16.47	16.66	16.57	16.53	18.20
15	QPSK	36	20	16.38	16.44	16.57	16.47	16.51	18.20



15	QPSK	36	39	16.54	16.50	16.47	16.44	16.44	18.20
15	QPSK	75	0	16.58	16.43	16.58	16.56	16.56	18.20
15	16QAM	1	0	16.48	16.39	16.42	16.52	16.50	18.20
15	16QAM	1	37	16.59	16.53	16.46	16.61	16.54	18.20
15	16QAM	1	74	16.63	16.45	16.45	16.52	16.46	18.20
15	16QAM	36	0	16.43	16.59	16.54	16.58	16.50	18.20
15	16QAM	36	20	16.45	16.49	16.43	16.49	16.47	18.20
15	16QAM	36	39	16.45	16.54	16.41	16.56	16.55	18.20
15	16QAM	75	0	16.39	16.56	16.47	16.42	16.48	18.20
15	64QAM	1	0	16.49	16.54	16.43	16.50	16.49	18.20
15	64QAM	1	37	16.47	16.52	16.44	16.44	16.53	18.20
15	64QAM	1	74	16.46	16.52	16.54	16.58	16.53	18.20
15	64QAM	36	0	16.56	16.41	16.45	16.43	16.41	18.20
15	64QAM	36	20	16.61	16.50	16.51	16.53	16.54	18.20
15	64QAM	36	39	16.50	16.55	16.46	16.46	16.44	18.20
15	64QAM	75	0	16.62	16.49	16.55	16.57	16.47	18.20
15	256QAM	1	0	16.54	16.48	16.58	16.53	16.53	18.20
15	256QAM	1	37	16.44	16.48	16.62	16.50	16.47	18.20
15	256QAM	1	74	16.49	16.56	16.45	16.53	16.60	18.20
15	256QAM	36	0	16.47	16.55	16.47	16.51	16.48	18.20
15	256QAM	36	20	16.46	16.53	16.58	16.55	16.58	18.20
15	256QAM	36	39	16.58	16.54	16.50	16.52	16.41	18.20
15	256QAM	75	0	16.53	16.42	16.54	16.60	16.60	18.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.58	16.57	16.68	16.51	16.62	18.20
10	QPSK	1	25	16.54	16.45	16.41	16.43	16.59	18.20
10	QPSK	1	49	16.43	16.45	16.53	16.50	16.39	18.20
10	QPSK	25	0	16.50	16.45	16.55	16.51	16.50	18.20
10	QPSK	25	12	16.47	16.46	16.54	16.55	16.46	18.20
10	QPSK	25	25	16.47	16.51	16.43	16.50	16.50	18.20
10	QPSK	50	0	16.55	16.40	16.58	16.53	16.57	18.20
10	16QAM	1	0	16.50	16.38	16.43	16.54	16.49	18.20
10	16QAM	1	25	16.52	16.58	16.45	16.59	16.58	18.20
10	16QAM	1	49	16.50	16.43	16.50	16.60	16.52	18.20
10	16QAM	25	0	16.50	16.56	16.50	16.60	16.44	18.20
10	16QAM	25	12	16.46	16.48	16.40	16.49	16.53	18.20
10	16QAM	25	25	16.41	16.53	16.50	16.52	16.50	18.20
10	16QAM	50	0	16.52	16.54	16.48	16.50	16.40	18.20
10	64QAM	1	0	16.53	16.53	16.41	16.54	16.49	18.20
10	64QAM	1	25	16.51	16.52	16.42	16.44	16.55	18.20
10	64QAM	1	49	16.45	16.49	16.46	16.54	16.55	18.20
10	64QAM	25	0	16.58	16.47	16.53	16.43	16.40	18.20
10	64QAM	25	12	16.53	16.46	16.49	16.57	16.42	18.20
10	64QAM	25	25	16.48	16.56	16.44	16.41	16.52	18.20
10	64QAM	50	0	16.60	16.56	16.48	16.53	16.40	18.20
10	256QAM	1	0	16.53	16.52	16.55	16.52	16.50	18.20
10	256QAM	1	25	16.53	16.55	16.50	16.50	16.52	18.20
10	256QAM	1	49	16.48	16.58	16.48	16.59	16.51	18.20
10	256QAM	25	0	16.45	16.54	16.53	16.47	16.44	18.20
10	256QAM	25	12	16.50	16.57	16.56	16.59	16.51	18.20
10	256QAM	25	25	16.50	16.40	16.52	16.49	16.52	18.20
10	256QAM	50	0	16.56	16.46	16.55	16.57	16.59	18.20
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	16.50	16.57	16.68	16.55	16.67	18.20
5	QPSK	1	12	16.52	16.47	16.41	16.54	16.59	18.20
5	QPSK	1	24	16.49	16.56	16.60	16.45	16.48	18.20
5	QPSK	12	0	16.50	16.50	16.53	16.50	16.57	18.20
5	QPSK	12	7	16.39	16.42	16.52	16.52	16.51	18.20
5	QPSK	12	13	16.56	16.42	16.42	16.54	16.41	18.20
5	QPSK	25	0	16.56	16.52	16.64	16.52	16.58	18.20
5	16QAM	1	0	16.41	16.47	16.41	16.48	16.59	18.20
5	16QAM	1	12	16.57	16.47	16.59	16.54	16.46	18.20
5	16QAM	1	24	16.54	16.41	16.49	16.50	16.50	18.20
5	16QAM	12	0	16.43	16.47	16.42	16.62	16.48	18.20
5	16QAM	12	7	16.41	16.54	16.48	16.48	16.54	18.20
5	16QAM	12	13	16.45	16.49	16.48	16.58	16.55	18.20
5	16QAM	25	0	16.41	16.46	16.39	16.50	16.48	18.20
5	64QAM	1	0	16.51	16.47	16.49	16.43	16.47	18.20
5	64QAM	1	12	16.54	16.59	16.42	16.44	16.44	18.20
5	64QAM	1	24	16.51	16.46	16.56	16.52	16.43	18.20
5	64QAM	12	0	16.56	16.41	16.46	16.51	16.51	18.20
5	64QAM	12	7	16.51	16.41	16.52	16.50	16.41	18.20
5	64QAM	12	13	16.46	16.50	16.52	16.42	16.50	18.20
5	64QAM	25	0	16.51	16.62	16.50	16.55	16.50	18.20



5	256QAM	1	0	16.44	16.51	16.49	16.56	16.59	18.20
5	256QAM	1	12	16.54	16.53	16.56	16.41	16.44	18.20
5	256QAM	1	24	16.48	16.51	16.55	16.52	16.57	18.20
5	256QAM	12	0	16.45	16.59	16.49	16.55	16.54	18.20
5	256QAM	12	7	16.53	16.54	16.60	16.58	16.54	18.20
5	256QAM	12	13	16.53	16.48	16.42	16.54	16.42	18.20
5	256QAM	25	0	16.55	16.54	16.59	16.60	16.59	18.20

【LTE Band 41__FCC (2496~2690MHz)_Ant

4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.01	17.99	18.04	17.99	18.03	19.30
20	QPSK	1	49	17.95	17.91	17.92	17.88	17.90	19.30
20	QPSK	1	99	17.87	17.89	17.89	17.89	17.89	19.30
20	QPSK	50	0	17.92	17.90	17.95	17.89	17.94	19.30
20	QPSK	50	24	17.90	17.86	17.84	17.88	17.91	19.30
20	QPSK	50	50	17.85	17.83	17.89	17.86	17.85	19.30
20	QPSK	100	0	17.90	17.88	17.95	17.92	17.86	19.30
20	16QAM	1	0	17.92	17.88	17.93	17.88	17.93	19.30
20	16QAM	1	49	17.94	17.87	17.87	17.85	17.88	19.30
20	16QAM	1	99	17.91	17.90	17.95	17.93	17.89	19.30
20	16QAM	50	0	17.90	17.84	17.86	17.86	17.86	19.30
20	16QAM	50	24	17.95	17.91	17.85	17.90	17.87	19.30
20	16QAM	50	50	17.87	17.87	17.88	17.90	17.93	19.30
20	16QAM	100	0	17.95	17.85	17.95	17.94	17.92	19.30
20	64QAM	1	0	17.96	17.94	17.86	17.94	17.87	19.30
20	64QAM	1	49	17.95	17.90	17.86	17.91	17.87	19.30
20	64QAM	1	99	17.89	17.84	17.92	17.92	17.89	19.30
20	64QAM	50	0	17.88	17.95	17.85	17.93	17.86	19.30
20	64QAM	50	24	17.95	17.87	17.91	17.84	17.86	19.30
20	64QAM	50	50	17.84	17.93	17.84	17.92	17.92	19.30
20	64QAM	100	0	17.91	17.85	17.86	17.85	17.87	19.30
20	256QAM	1	0	17.89	17.88	17.92	17.95	17.86	19.30
20	256QAM	1	49	17.88	17.86	17.90	17.85	17.91	19.30
20	256QAM	1	99	17.86	17.95	17.92	17.86	17.94	19.30
20	256QAM	50	0	17.87	17.85	17.91	17.86	17.90	19.30
20	256QAM	50	24	17.91	17.90	17.85	17.93	17.87	19.30
20	256QAM	50	50	17.87	17.94	17.94	17.91	17.96	19.30
20	256QAM	100	0	17.92	17.92	17.95	17.85	17.92	19.30
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.90	17.93	17.94	17.87	17.90	19.30
15	QPSK	1	37	17.83	17.88	17.85	17.87	17.78	19.30
15	QPSK	1	74	17.74	17.76	17.76	17.82	17.79	19.30
15	QPSK	36	0	17.85	17.79	17.90	17.81	17.88	19.30
15	QPSK	36	20	17.75	17.80	17.83	17.75	17.77	19.30
15	QPSK	36	39	17.82	17.79	17.79	17.71	17.78	19.30
15	QPSK	75	0	17.81	17.84	17.87	17.78	17.74	19.30
15	16QAM	1	0	17.80	17.84	17.86	17.83	17.78	19.30
15	16QAM	1	37	17.85	17.84	17.72	17.79	17.75	19.30
15	16QAM	1	74	17.79	17.86	17.91	17.88	17.82	19.30
15	16QAM	36	0	17.78	17.76	17.78	17.79	17.82	19.30
15	16QAM	36	20	17.90	17.89	17.81	17.76	17.80	19.30
15	16QAM	36	39	17.86	17.85	17.76	17.81	17.85	19.30
15	16QAM	75	0	17.92	17.71	17.93	17.84	17.79	19.30
15	64QAM	1	0	17.94	17.82	17.72	17.91	17.74	19.30
15	64QAM	1	37	17.84	17.83	17.84	17.88	17.83	19.30
15	64QAM	1	74	17.81	17.72	17.90	17.87	17.81	19.30
15	64QAM	36	0	17.81	17.86	17.73	17.85	17.78	19.30
15	64QAM	36	20	17.87	17.81	17.78	17.75	17.82	19.30
15	64QAM	36	39	17.70	17.87	17.74	17.82	17.89	19.30
15	64QAM	75	0	17.78	17.77	17.84	17.84	17.82	19.30
15	256QAM	1	0	17.84	17.82	17.88	17.90	17.81	19.30
15	256QAM	1	37	17.86	17.72	17.76	17.75	17.83	19.30
15	256QAM	1	74	17.78	17.85	17.91	17.76	17.91	19.30
15	256QAM	36	0	17.86	17.81	17.79	17.84	17.79	19.30
15	256QAM	36	20	17.77	17.84	17.77	17.82	17.81	19.30
15	256QAM	36	39	17.85	17.83	17.81	17.88	17.94	19.30



FCC SAR Test Report

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15	256QAM	75	0	17.89	17.81	17.84	17.72	17.78	19.30
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.99	17.85	18.01	17.90	17.95	19.30
10	QPSK	1	25	17.90	17.81	17.82	17.80	17.84	19.30
10	QPSK	1	49	17.85	17.77	17.83	17.87	17.84	19.30
10	QPSK	25	0	17.89	17.81	17.85	17.77	17.83	19.30
10	QPSK	25	12	17.76	17.72	17.71	17.73	17.78	19.30
10	QPSK	25	25	17.84	17.76	17.75	17.75	17.73	19.30
10	QPSK	50	0	17.84	17.83	17.87	17.79	17.75	19.30
10	16QAM	1	0	17.87	17.80	17.90	17.76	17.78	19.30
10	16QAM	1	25	17.87	17.79	17.84	17.83	17.79	19.30
10	16QAM	1	49	17.89	17.85	17.89	17.83	17.87	19.30
10	16QAM	25	0	17.88	17.79	17.84	17.84	17.84	19.30
10	16QAM	25	12	17.89	17.82	17.80	17.85	17.72	19.30
10	16QAM	25	25	17.85	17.85	17.76	17.80	17.89	19.30
10	16QAM	50	0	17.86	17.78	17.87	17.91	17.82	19.30
10	64QAM	1	0	17.87	17.91	17.81	17.85	17.74	19.30
10	64QAM	1	25	17.89	17.82	17.80	17.77	17.76	19.30
10	64QAM	1	49	17.75	17.73	17.84	17.87	17.85	19.30
10	64QAM	25	0	17.76	17.94	17.72	17.83	17.74	19.30
10	64QAM	25	12	17.80	17.80	17.80	17.77	17.78	19.30
10	64QAM	25	25	17.75	17.81	17.70	17.81	17.79	19.30
10	64QAM	50	0	17.90	17.84	17.77	17.80	17.83	19.30
10	256QAM	1	0	17.81	17.84	17.82	17.86	17.74	19.30
10	256QAM	1	25	17.79	17.81	17.79	17.78	17.78	19.30
10	256QAM	1	49	17.74	17.89	17.86	17.76	17.92	19.30
10	256QAM	25	0	17.73	17.77	17.90	17.81	17.84	19.30
10	256QAM	25	12	17.83	17.81	17.77	17.81	17.73	19.30
10	256QAM	25	25	17.85	17.87	17.83	17.78	17.88	19.30
10	256QAM	50	0	17.79	17.86	17.94	17.80	17.87	19.30
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.94	17.93	18.00	17.85	17.95	19.30
5	QPSK	1	12	17.80	17.84	17.91	17.79	17.84	19.30
5	QPSK	1	24	17.81	17.84	17.83	17.82	17.78	19.30
5	QPSK	12	0	17.78	17.82	17.87	17.84	17.93	19.30
5	QPSK	12	7	17.86	17.73	17.79	17.77	17.79	19.30
5	QPSK	12	13	17.84	17.79	17.84	17.75	17.82	19.30
5	QPSK	25	0	17.85	17.75	17.94	17.81	17.75	19.30
5	16QAM	1	0	17.82	17.79	17.82	17.81	17.88	19.30
5	16QAM	1	12	17.86	17.78	17.80	17.76	17.83	19.30
5	16QAM	1	24	17.78	17.87	17.87	17.83	17.80	19.30
5	16QAM	12	0	17.80	17.73	17.76	17.76	17.81	19.30
5	16QAM	12	7	17.90	17.79	17.79	17.84	17.84	19.30
5	16QAM	12	13	17.80	17.73	17.84	17.77	17.91	19.30
5	16QAM	25	0	17.93	17.74	17.82	17.85	17.82	19.30
5	64QAM	1	0	17.88	17.91	17.81	17.82	17.74	19.30
5	64QAM	1	12	17.83	17.84	17.85	17.83	17.74	19.30
5	64QAM	1	24	17.78	17.70	17.81	17.90	17.83	19.30
5	64QAM	12	0	17.87	17.88	17.71	17.82	17.77	19.30
5	64QAM	12	7	17.89	17.72	17.86	17.72	17.79	19.30
5	64QAM	12	13	17.81	17.83	17.75	17.82	17.84	19.30
5	64QAM	25	0	17.83	17.82	17.71	17.73	17.84	19.30
5	256QAM	1	0	17.80	17.87	17.79	17.90	17.79	19.30
5	256QAM	1	12	17.78	17.84	17.79	17.70	17.85	19.30
5	256QAM	1	24	17.78	17.94	17.85	17.73	17.81	19.30
5	256QAM	12	0	17.79	17.78	17.83	17.72	17.87	19.30
5	256QAM	12	7	17.85	17.78	17.71	17.80	17.83	19.30
5	256QAM	12	13	17.78	17.89	17.91	17.77	17.84	19.30
5	256QAM	25	0	17.78	17.87	17.83	17.83	17.88	19.30



【LTE Band 41__FCC (2496~2690MHz)_Ant

4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	24.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.90	22.92	23.34	23.09	23.31	24.00
20	QPSK	1	49	22.64	22.74	23.20	22.80	23.09	24.00
20	QPSK	1	99	22.54	22.57	23.02	22.71	22.93	24.00
20	QPSK	50	0	21.65	21.80	22.14	21.83	22.09	23.00
20	QPSK	50	24	21.58	21.61	22.11	21.79	22.06	23.00
20	QPSK	50	50	21.51	21.62	22.04	21.75	21.90	23.00
20	QPSK	100	0	21.64	21.54	22.09	21.71	21.96	23.00
20	16QAM	1	0	21.71	21.61	22.16	21.85	21.98	23.00
20	16QAM	1	49	21.66	21.71	22.14	21.78	22.06	23.00
20	16QAM	1	99	21.43	21.43	21.95	21.65	21.78	23.00
20	16QAM	50	0	20.61	20.64	21.15	20.91	21.07	22.00
20	16QAM	50	24	20.64	20.60	21.12	20.80	20.97	22.00
20	16QAM	50	50	20.60	20.63	21.05	20.78	20.96	22.00
20	16QAM	100	0	20.57	20.71	21.11	20.87	20.96	22.00
20	64QAM	1	0	20.31	20.44	20.84	20.52	20.76	22.00
20	64QAM	1	49	20.28	20.29	20.80	20.48	20.67	22.00
20	64QAM	1	99	20.13	20.15	20.60	20.29	20.52	22.00
20	64QAM	50	0	19.72	19.81	20.22	19.93	20.18	21.00
20	64QAM	50	24	19.74	19.75	20.18	19.92	20.10	21.00
20	64QAM	50	50	19.70	19.66	20.12	19.85	20.04	21.00
20	64QAM	100	0	19.62	19.70	20.13	19.82	20.01	21.00
20	256QAM	1	0	17.64	17.68	18.07	17.80	17.98	19.00
20	256QAM	1	49	17.65	17.67	18.03	17.69	17.98	19.00
20	256QAM	1	99	17.43	17.46	17.85	17.54	17.68	19.00
20	256QAM	50	0	17.84	17.81	18.25	17.99	18.12	19.00
20	256QAM	50	24	17.80	17.88	18.24	17.97	18.10	19.00
20	256QAM	50	50	17.69	17.73	18.16	17.93	18.04	19.00
20	256QAM	100	0	17.76	17.80	18.15	17.92	18.04	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.88	22.90	23.19	23.02	23.17	24.00
15	QPSK	1	37	22.51	22.60	23.13	22.75	22.95	24.00
15	QPSK	1	74	22.40	22.48	22.99	22.67	22.91	24.00
15	QPSK	36	0	21.51	21.58	22.05	21.69	22.00	23.00
15	QPSK	36	20	21.45	21.49	22.00	21.65	21.95	23.00
15	QPSK	36	39	21.49	21.61	21.99	21.68	21.76	23.00
15	QPSK	75	0	21.59	21.44	21.95	21.69	21.89	23.00
15	16QAM	1	0	21.66	21.57	22.12	21.80	21.90	23.00
15	16QAM	1	37	21.58	21.58	22.09	21.70	21.91	23.00
15	16QAM	1	74	21.36	21.35	21.85	21.57	21.68	23.00
15	16QAM	36	0	20.60	20.53	21.09	20.77	21.02	22.00
15	16QAM	36	20	20.50	20.54	20.97	20.79	20.94	22.00
15	16QAM	36	39	20.56	20.55	21.01	20.67	20.86	22.00
15	16QAM	75	0	20.56	20.66	21.04	20.81	20.90	22.00
15	64QAM	1	0	20.23	20.37	20.72	20.45	20.67	22.00
15	64QAM	1	37	20.20	20.15	20.68	20.39	20.55	22.00
15	64QAM	1	74	20.05	20.05	20.51	20.23	20.43	22.00
15	64QAM	36	0	19.70	19.78	20.14	19.86	20.15	21.00
15	64QAM	36	20	19.73	19.66	20.08	19.78	19.98	21.00
15	64QAM	36	39	19.57	19.64	20.07	19.83	19.90	21.00
15	64QAM	75	0	19.56	19.66	20.08	19.77	19.86	21.00
15	256QAM	1	0	17.57	17.60	17.97	17.78	17.84	19.00
15	256QAM	1	37	17.62	17.55	17.95	17.62	17.96	19.00
15	256QAM	1	74	17.39	17.34	17.80	17.50	17.54	19.00
15	256QAM	36	0	17.72	17.68	18.21	17.90	18.08	19.00
15	256QAM	36	20	17.76	17.74	18.23	17.96	18.07	19.00
15	256QAM	36	39	17.54	17.61	18.05	17.86	18.02	19.00
15	256QAM	75	0	17.72	17.65	18.04	17.86	17.92	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.77	22.85	23.23	23.04	23.23	24.00
10	QPSK	1	25	22.57	22.65	23.06	22.70	23.05	24.00
10	QPSK	1	49	22.47	22.45	22.88	22.69	22.86	24.00
10	QPSK	25	0	21.59	21.68	22.02	21.73	21.98	23.00
10	QPSK	25	12	21.44	21.55	22.10	21.78	21.96	23.00
10	QPSK	25	25	21.42	21.50	22.00	21.63	21.79	23.00



10	QPSK	50	0	21.49	21.52	21.97	21.69	21.95	23.00
10	16QAM	1	0	21.60	21.50	22.11	21.74	21.85	23.00
10	16QAM	1	25	21.65	21.67	22.02	21.72	22.03	23.00
10	16QAM	1	49	21.30	21.36	21.87	21.57	21.74	23.00
10	16QAM	25	0	20.50	20.61	21.13	20.88	21.02	22.00
10	16QAM	25	12	20.57	20.53	21.11	20.66	20.89	22.00
10	16QAM	25	25	20.58	20.61	21.00	20.71	20.87	22.00
10	16QAM	50	0	20.48	20.56	21.03	20.86	20.91	22.00
10	64QAM	1	0	20.20	20.42	20.74	20.47	20.70	22.00
10	64QAM	1	25	20.17	20.26	20.68	20.38	20.56	22.00
10	64QAM	1	49	20.11	20.13	20.51	20.20	20.37	22.00
10	64QAM	25	0	19.59	19.67	20.16	19.83	20.09	21.00
10	64QAM	25	12	19.66	19.73	20.11	19.81	20.05	21.00
10	64QAM	25	25	19.57	19.58	19.99	19.80	20.02	21.00
10	64QAM	50	0	19.50	19.55	20.03	19.73	19.95	21.00
10	256QAM	1	0	17.56	17.63	17.92	17.71	17.87	19.00
10	256QAM	1	25	17.53	17.53	17.98	17.60	17.92	19.00
10	256QAM	1	49	17.39	17.36	17.75	17.42	17.54	19.00
10	256QAM	25	0	17.75	17.71	18.17	17.93	18.05	19.00
10	256QAM	25	12	17.73	17.81	18.17	17.89	17.97	19.00
10	256QAM	25	25	17.56	17.69	18.04	17.86	18.00	19.00
10	256QAM	50	0	17.65	17.70	18.10	17.81	17.97	19.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.83	22.89	23.21	22.97	23.28	24.00
5	QPSK	1	12	22.52	22.70	23.08	22.78	23.01	24.00
5	QPSK	1	24	22.49	22.53	22.89	22.66	22.88	24.00
5	QPSK	12	0	21.63	21.66	22.12	21.74	21.95	23.00
5	QPSK	12	7	21.55	21.48	22.00	21.65	21.91	23.00
5	QPSK	12	13	21.37	21.56	22.02	21.64	21.80	23.00
5	QPSK	25	0	21.60	21.43	21.95	21.64	21.83	23.00
5	16QAM	1	0	21.59	21.55	22.15	21.74	21.95	23.00
5	16QAM	1	12	21.60	21.68	22.06	21.71	21.99	23.00
5	16QAM	1	24	21.42	21.31	21.81	21.58	21.67	23.00
5	16QAM	12	0	20.54	20.59	21.03	20.81	20.99	22.00
5	16QAM	12	7	20.54	20.46	21.04	20.73	20.86	22.00
5	16QAM	12	13	20.47	20.57	20.92	20.77	20.94	22.00
5	16QAM	25	0	20.44	20.62	21.10	20.81	20.82	22.00
5	64QAM	1	0	20.25	20.39	20.81	20.43	20.74	22.00
5	64QAM	1	12	20.18	20.17	20.73	20.37	20.57	22.00
5	64QAM	1	24	20.10	20.11	20.47	20.21	20.39	22.00
5	64QAM	12	0	19.70	19.68	20.14	19.91	20.07	21.00
5	64QAM	12	7	19.72	19.68	20.09	19.81	19.99	21.00
5	64QAM	12	13	19.56	19.57	20.00	19.71	19.95	21.00
5	64QAM	25	0	19.60	19.57	20.02	19.71	19.89	21.00
5	256QAM	1	0	17.52	17.60	18.06	17.68	17.92	19.00
5	256QAM	1	12	17.59	17.57	17.89	17.64	17.89	19.00
5	256QAM	1	24	17.40	17.43	17.70	17.49	17.58	19.00
5	256QAM	12	0	17.71	17.79	18.17	17.91	17.99	19.00
5	256QAM	12	7	17.77	17.81	18.11	17.93	17.98	19.00
5	256QAM	12	13	17.64	17.60	18.08	17.91	18.03	19.00
5	256QAM	25	0	17.71	17.66	18.04	17.80	17.98	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.90	22.92	23.34	23.09	23.31	24.00
20	QPSK	1	49	22.64	22.74	23.20	22.80	23.09	24.00
20	QPSK	1	99	22.54	22.57	23.02	22.71	22.93	24.00
20	QPSK	50	0	21.65	21.80	22.14	21.83	22.09	23.00
20	QPSK	50	24	21.58	21.61	22.11	21.79	22.06	23.00
20	QPSK	50	50	21.51	21.62	22.04	21.75	21.90	23.00
20	QPSK	100	0	21.64	21.54	22.09	21.71	21.96	23.00
20	16QAM	1	0	21.71	21.61	22.16	21.85	21.98	23.00
20	16QAM	1	49	21.66	21.71	22.14	21.78	22.06	23.00
20	16QAM	1	99	21.43	21.43	21.95	21.65	21.78	23.00
20	16QAM	50	0	20.61	20.64	21.15	20.91	21.07	22.00
20	16QAM	50	24	20.64	20.60	21.12	20.80	20.97	22.00



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20	16QAM	50	50	20.60	20.63	21.05	20.78	20.96	22.00
20	16QAM	100	0	20.57	20.71	21.11	20.87	20.96	22.00
20	64QAM	1	0	20.31	20.44	20.84	20.52	20.76	22.00
20	64QAM	1	49	20.28	20.29	20.80	20.48	20.67	22.00
20	64QAM	1	99	20.13	20.15	20.60	20.29	20.52	22.00
20	64QAM	50	0	19.72	19.81	20.22	19.93	20.18	21.00
20	64QAM	50	24	19.74	19.75	20.18	19.92	20.10	21.00
20	64QAM	50	50	19.70	19.66	20.12	19.85	20.04	21.00
20	64QAM	100	0	19.62	19.70	20.13	19.82	20.01	21.00
20	256QAM	1	0	17.64	17.68	18.07	17.80	17.98	19.00
20	256QAM	1	49	17.65	17.67	18.03	17.69	17.98	19.00
20	256QAM	1	99	17.43	17.46	17.85	17.54	17.68	19.00
20	256QAM	50	0	17.84	17.81	18.25	17.99	18.12	19.00
20	256QAM	50	24	17.80	17.88	18.24	17.97	18.10	19.00
20	256QAM	50	50	17.69	17.73	18.16	17.93	18.04	19.00
20	256QAM	100	0	17.76	17.80	18.15	17.92	18.04	19.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.88	22.90	23.19	23.02	23.17	24.00
15	QPSK	1	37	22.51	22.60	23.13	22.75	22.95	24.00
15	QPSK	1	74	22.40	22.48	22.99	22.67	22.91	24.00
15	QPSK	36	0	21.51	21.58	22.05	21.69	22.00	23.00
15	QPSK	36	20	21.45	21.49	22.00	21.65	21.95	23.00
15	QPSK	36	39	21.49	21.61	21.99	21.68	21.76	23.00
15	QPSK	75	0	21.59	21.44	21.95	21.69	21.89	23.00
15	16QAM	1	0	21.66	21.57	22.12	21.80	21.90	23.00
15	16QAM	1	37	21.58	21.58	22.09	21.70	21.91	23.00
15	16QAM	1	74	21.36	21.35	21.85	21.57	21.68	23.00
15	16QAM	36	0	20.60	20.53	21.09	20.77	21.02	22.00
15	16QAM	36	20	20.50	20.54	20.97	20.79	20.94	22.00
15	16QAM	36	39	20.56	20.55	21.01	20.67	20.86	22.00
15	16QAM	75	0	20.56	20.66	21.04	20.81	20.90	22.00
15	64QAM	1	0	20.23	20.37	20.72	20.45	20.67	22.00
15	64QAM	1	37	20.20	20.15	20.68	20.39	20.55	22.00
15	64QAM	1	74	20.05	20.05	20.51	20.23	20.43	22.00
15	64QAM	36	0	19.70	19.78	20.14	19.86	20.15	21.00
15	64QAM	36	20	19.73	19.66	20.08	19.78	19.98	21.00
15	64QAM	36	39	19.57	19.64	20.07	19.83	19.90	21.00
15	64QAM	75	0	19.56	19.66	20.08	19.77	19.86	21.00
15	256QAM	1	0	17.57	17.60	17.97	17.78	17.84	19.00
15	256QAM	1	37	17.62	17.55	17.95	17.62	17.96	19.00
15	256QAM	1	74	17.39	17.34	17.80	17.50	17.54	19.00
15	256QAM	36	0	17.72	17.68	18.21	17.90	18.08	19.00
15	256QAM	36	20	17.76	17.74	18.23	17.96	18.07	19.00
15	256QAM	36	39	17.54	17.61	18.05	17.86	18.02	19.00
15	256QAM	75	0	17.72	17.65	18.04	17.86	17.92	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.77	22.85	23.23	23.04	23.23	24.00
10	QPSK	1	25	22.57	22.65	23.06	22.70	23.05	24.00
10	QPSK	1	49	22.47	22.45	22.88	22.69	22.86	24.00
10	QPSK	25	0	21.59	21.68	22.02	21.73	21.98	23.00
10	QPSK	25	12	21.44	21.55	22.10	21.78	21.96	23.00
10	QPSK	25	25	21.42	21.50	22.00	21.63	21.79	23.00
10	QPSK	50	0	21.49	21.52	21.97	21.69	21.95	23.00
10	16QAM	1	0	21.60	21.50	22.11	21.74	21.85	23.00
10	16QAM	1	25	21.65	21.67	22.02	21.72	22.03	23.00
10	16QAM	1	49	21.30	21.36	21.87	21.57	21.74	23.00
10	16QAM	25	0	20.50	20.61	21.13	20.88	21.02	22.00
10	16QAM	25	12	20.57	20.53	21.11	20.66	20.89	22.00
10	16QAM	25	25	20.58	20.61	21.00	20.71	20.87	22.00
10	16QAM	50	0	20.48	20.56	21.03	20.86	20.91	22.00
10	64QAM	1	0	20.20	20.42	20.74	20.47	20.70	22.00
10	64QAM	1	25	20.17	20.26	20.68	20.38	20.56	22.00
10	64QAM	1	49	20.11	20.13	20.51	20.20	20.37	22.00
10	64QAM	25	0	19.59	19.67	20.16	19.83	20.09	21.00
10	64QAM	25	12	19.66	19.73	20.11	19.81	20.05	21.00
10	64QAM	25	25	19.57	19.58	19.99	19.80	20.02	21.00
10	64QAM	50	0	19.50	19.55	20.03	19.73	19.95	21.00
10	256QAM	1	0	17.56	17.63	17.92	17.71	17.87	19.00
10	256QAM	1	25	17.53	17.53	17.98	17.60	17.92	19.00
10	256QAM	1	49	17.39	17.36	17.75	17.42	17.54	19.00
10	256QAM	25	0	17.75	17.71	18.17	17.93	18.05	19.00
10	256QAM	25	12	17.73	17.81	18.17	17.89	17.97	19.00
10	256QAM	25	25	17.56	17.69	18.04	17.86	18.00	19.00
10	256QAM	50	0	17.65	17.70	18.10	17.81	17.97	19.00



Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.83	22.89	23.21	22.97	23.28	24.00
5	QPSK	1	12	22.52	22.70	23.08	22.78	23.01	24.00
5	QPSK	1	24	22.49	22.53	22.89	22.66	22.88	24.00
5	QPSK	12	0	21.63	21.66	22.12	21.74	21.95	23.00
5	QPSK	12	7	21.55	21.48	22.00	21.65	21.91	23.00
5	QPSK	12	13	21.37	21.56	22.02	21.64	21.80	23.00
5	QPSK	25	0	21.60	21.43	21.95	21.64	21.83	23.00
5	16QAM	1	0	21.59	21.55	22.15	21.74	21.95	23.00
5	16QAM	1	12	21.60	21.68	22.06	21.71	21.99	23.00
5	16QAM	1	24	21.42	21.31	21.81	21.58	21.67	23.00
5	16QAM	12	0	20.54	20.59	21.03	20.81	20.99	22.00
5	16QAM	12	7	20.54	20.46	21.04	20.73	20.86	22.00
5	16QAM	12	13	20.47	20.57	20.92	20.77	20.94	22.00
5	16QAM	25	0	20.44	20.62	21.10	20.81	20.82	22.00
5	64QAM	1	0	20.25	20.39	20.81	20.43	20.74	22.00
5	64QAM	1	12	20.18	20.17	20.73	20.37	20.57	22.00
5	64QAM	1	24	20.10	20.11	20.47	20.21	20.39	22.00
5	64QAM	12	0	19.70	19.68	20.14	19.91	20.07	21.00
5	64QAM	12	7	19.72	19.68	20.09	19.81	19.99	21.00
5	64QAM	12	13	19.56	19.57	20.00	19.71	19.95	21.00
5	64QAM	25	0	19.60	19.57	20.02	19.71	19.89	21.00
5	256QAM	1	0	17.52	17.60	18.06	17.68	17.92	19.00
5	256QAM	1	12	17.59	17.57	17.89	17.64	17.89	19.00
5	256QAM	1	24	17.40	17.43	17.70	17.49	17.58	19.00
5	256QAM	12	0	17.71	17.79	18.17	17.91	17.99	19.00
5	256QAM	12	7	17.77	17.81	18.11	17.93	17.98	19.00
5	256QAM	12	13	17.64	17.60	18.08	17.91	18.03	19.00
5	256QAM	25	0	17.71	17.66	18.04	17.80	17.98	19.00

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

5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.11	22.29	22.08	23.00
20	QPSK	1	49	21.85	22.15	21.79	23.00
20	QPSK	1	99	21.96	22.19	21.85	23.00
20	QPSK	50	0	21.01	21.25	21.19	22.00
20	QPSK	50	24	20.89	21.18	20.89	22.00
20	QPSK	50	50	20.82	21.04	20.79	22.00
20	QPSK	100	0	20.72	21.01	20.71	22.00
20	16QAM	1	0	20.85	21.06	20.79	22.00
20	16QAM	1	49	20.90	21.16	20.91	22.00
20	16QAM	1	99	20.89	21.14	20.87	22.00
20	16QAM	50	0	19.83	20.02	19.78	21.00
20	16QAM	50	24	19.74	20.03	19.80	21.00
20	16QAM	50	50	19.77	20.07	19.82	21.00
20	16QAM	100	0	19.79	20.02	19.81	21.00
20	64QAM	1	0	19.32	19.59	19.35	21.00
20	64QAM	1	49	19.44	19.72	19.52	21.00
20	64QAM	1	99	19.49	19.67	19.35	21.00
20	64QAM	50	0	18.79	18.99	18.72	20.00
20	64QAM	50	24	18.84	19.01	18.75	20.00
20	64QAM	50	50	18.81	19.02	18.79	20.00
20	64QAM	100	0	18.77	18.99	18.78	20.00
20	256QAM	1	0	16.50	16.77	16.53	18.00
20	256QAM	1	49	16.74	16.89	16.66	18.00
20	256QAM	1	99	16.61	16.84	16.63	18.00
20	256QAM	50	0	16.83	17.05	16.79	18.00
20	256QAM	50	24	16.86	17.04	16.80	18.00
20	256QAM	50	50	16.92	17.09	16.82	18.00
20	256QAM	100	0	16.80	17.01	16.72	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.06	22.22	21.94	23.00
15	QPSK	1	37	21.80	22.07	21.65	23.00
15	QPSK	1	74	21.89	22.15	21.80	23.00
15	QPSK	36	0	20.90	21.11	20.94	22.00
15	QPSK	36	20	20.84	21.10	20.87	22.00
15	QPSK	36	39	20.73	20.91	20.67	22.00



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15	QPSK	75	0	20.64	20.87	20.58	22.00
15	16QAM	1	0	20.83	20.92	20.70	22.00
15	16QAM	1	37	20.78	21.05	20.84	22.00
15	16QAM	1	74	20.82	21.06	20.79	22.00
15	16QAM	36	0	19.82	19.95	19.77	21.00
15	16QAM	36	20	19.63	19.99	19.65	21.00
15	16QAM	36	39	19.72	19.94	19.75	21.00
15	16QAM	75	0	19.76	20.00	19.78	21.00
15	64QAM	1	0	19.30	19.54	19.21	21.00
15	64QAM	1	37	19.42	19.62	19.49	21.00
15	64QAM	1	74	19.44	19.53	19.30	21.00
15	64QAM	36	0	18.73	18.94	18.63	20.00
15	64QAM	36	20	18.72	18.95	18.60	20.00
15	64QAM	36	39	18.76	18.99	18.69	20.00
15	64QAM	75	0	18.68	18.84	18.68	20.00
15	256QAM	1	0	16.36	16.69	16.48	18.00
15	256QAM	1	37	16.63	16.77	16.62	18.00
15	256QAM	1	74	16.47	16.78	16.49	18.00
15	256QAM	36	0	16.69	16.91	16.75	18.00
15	256QAM	36	20	16.78	17.00	16.66	18.00
15	256QAM	36	39	16.83	16.98	16.68	18.00
15	256QAM	75	0	16.78	16.92	16.68	18.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	21.99	22.25	22.00	23.00
10	QPSK	1	25	21.73	22.02	21.72	23.00
10	QPSK	1	49	21.94	22.10	21.70	23.00
10	QPSK	25	0	20.98	21.18	20.87	22.00
10	QPSK	25	12	20.75	21.15	20.75	22.00
10	QPSK	25	25	20.78	20.91	20.72	22.00
10	QPSK	50	0	20.67	20.97	20.67	22.00
10	16QAM	1	0	20.79	20.92	20.70	22.00
10	16QAM	1	25	20.77	21.04	20.81	22.00
10	16QAM	1	49	20.87	21.09	20.79	22.00
10	16QAM	25	0	19.73	19.95	19.75	21.00
10	16QAM	25	12	19.68	19.97	19.77	21.00
10	16QAM	25	25	19.64	20.00	19.79	21.00
10	16QAM	50	0	19.69	19.95	19.67	21.00
10	64QAM	1	0	19.22	19.54	19.32	21.00
10	64QAM	1	25	19.29	19.65	19.46	21.00
10	64QAM	1	49	19.46	19.63	19.27	21.00
10	64QAM	25	0	18.73	18.96	18.71	20.00
10	64QAM	25	12	18.80	18.90	18.64	20.00
10	64QAM	25	25	18.67	18.90	18.73	20.00
10	64QAM	50	0	18.64	18.84	18.68	20.00
10	256QAM	1	0	16.43	16.64	16.43	18.00
10	256QAM	1	25	16.70	16.77	16.59	18.00
10	256QAM	1	49	16.52	16.77	16.52	18.00
10	256QAM	25	0	16.76	16.99	16.75	18.00
10	256QAM	25	12	16.78	17.03	16.74	18.00
10	256QAM	25	25	16.80	17.00	16.73	18.00
10	256QAM	50	0	16.71	16.90	16.60	18.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.08	22.17	21.98	23.00
5	QPSK	1	12	21.80	22.02	21.70	23.00
5	QPSK	1	24	21.89	22.06	21.77	23.00
5	QPSK	12	0	20.90	21.20	20.97	22.00
5	QPSK	12	7	20.86	21.05	20.79	22.00
5	QPSK	12	13	20.79	20.95	20.71	22.00
5	QPSK	25	0	20.66	20.98	20.57	22.00
5	16QAM	1	0	20.76	20.94	20.76	22.00
5	16QAM	1	12	20.86	21.02	20.79	22.00
5	16QAM	1	24	20.81	21.10	20.78	22.00
5	16QAM	12	0	19.74	19.93	19.73	21.00
5	16QAM	12	7	19.62	20.01	19.66	21.00
5	16QAM	12	13	19.75	20.03	19.70	21.00
5	16QAM	25	0	19.76	19.87	19.70	21.00
5	64QAM	1	0	19.27	19.51	19.28	21.00
5	64QAM	1	12	19.35	19.67	19.50	21.00
5	64QAM	1	24	19.39	19.63	19.22	21.00
5	64QAM	12	0	18.65	18.88	18.64	20.00
5	64QAM	12	7	18.80	18.98	18.72	20.00
5	64QAM	12	13	18.76	18.97	18.72	20.00
5	64QAM	25	0	18.67	18.92	18.75	20.00
5	256QAM	1	0	16.35	16.71	16.49	18.00
5	256QAM	1	12	16.67	16.85	16.57	18.00
5	256QAM	1	24	16.57	16.75	16.50	18.00



5	256QAM	12	0	16.74	16.92	16.71	18.00
5	256QAM	12	7	16.80	16.93	16.66	18.00
5	256QAM	12	13	16.89	16.98	16.73	18.00
5	256QAM	25	0	16.69	16.87	16.60	18.00

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

5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.45	17.49	17.43	18.80
20	QPSK	1	49	17.38	17.34	17.41	18.80
20	QPSK	1	99	17.41	17.38	17.42	18.80
20	QPSK	50	0	17.39	17.42	17.38	18.80
20	QPSK	50	24	17.38	17.40	17.33	18.80
20	QPSK	50	50	17.32	17.35	17.37	18.80
20	QPSK	100	0	17.36	17.40	17.34	18.80
20	16QAM	1	0	17.33	17.33	17.41	18.80
20	16QAM	1	49	17.36	17.33	17.40	18.80
20	16QAM	1	99	17.40	17.40	17.41	18.80
20	16QAM	50	0	17.42	17.35	17.40	18.80
20	16QAM	50	24	17.33	17.39	17.37	18.80
20	16QAM	50	50	17.31	17.32	17.34	18.80
20	16QAM	100	0	17.40	17.39	17.36	18.80
20	64QAM	1	0	17.33	17.32	17.36	18.80
20	64QAM	1	49	17.32	17.42	17.38	18.80
20	64QAM	1	99	17.37	17.32	17.42	18.80
20	64QAM	50	0	17.40	17.35	17.37	18.80
20	64QAM	50	24	17.41	17.35	17.41	18.80
20	64QAM	50	50	17.40	17.39	17.39	18.80
20	64QAM	100	0	17.35	17.39	17.40	18.80
20	256QAM	1	0	16.50	16.77	16.53	18.00
20	256QAM	1	49	16.74	16.89	16.66	18.00
20	256QAM	1	99	16.61	16.84	16.63	18.00
20	256QAM	50	0	16.83	17.05	16.79	18.00
20	256QAM	50	24	16.86	17.04	16.80	18.00
20	256QAM	50	50	16.92	17.09	16.82	18.00
20	256QAM	100	0	16.80	17.01	16.72	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.32	17.41	17.32	18.80
15	QPSK	1	37	17.24	17.20	17.30	18.80
15	QPSK	1	74	17.32	17.29	17.29	18.80
15	QPSK	36	0	17.36	17.33	17.33	18.80
15	QPSK	36	20	17.35	17.38	17.23	18.80
15	QPSK	36	39	17.22	17.29	17.33	18.80
15	QPSK	75	0	17.28	17.38	17.28	18.80
15	16QAM	1	0	17.31	17.28	17.27	18.80
15	16QAM	1	37	17.23	17.26	17.35	18.80
15	16QAM	1	74	17.31	17.35	17.38	18.80
15	16QAM	36	0	17.37	17.30	17.35	18.80
15	16QAM	36	20	17.28	17.30	17.25	18.80
15	16QAM	36	39	17.29	17.26	17.32	18.80
15	16QAM	75	0	17.30	17.31	17.28	18.80
15	64QAM	1	0	17.21	17.24	17.34	18.80
15	64QAM	1	37	17.28	17.41	17.32	18.80
15	64QAM	1	74	17.25	17.30	17.32	18.80
15	64QAM	36	0	17.27	17.27	17.32	18.80
15	64QAM	36	20	17.30	17.23	17.28	18.80
15	64QAM	36	39	17.38	17.31	17.25	18.80
15	64QAM	75	0	17.31	17.27	17.35	18.80
15	256QAM	1	0	16.36	16.69	16.48	18.00
15	256QAM	1	37	16.63	16.77	16.62	18.00
15	256QAM	1	74	16.47	16.78	16.49	18.00
15	256QAM	36	0	16.69	16.91	16.75	18.00
15	256QAM	36	20	16.78	17.00	16.66	18.00
15	256QAM	36	39	16.83	16.98	16.68	18.00
15	256QAM	75	0	16.78	16.92	16.68	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.43	17.35	17.40	18.80
10	QPSK	1	25	17.28	17.25	17.28	18.80
10	QPSK	1	49	17.31	17.27	17.32	18.80
10	QPSK	25	0	17.33	17.36	17.27	18.80



10	QPSK	25	12	17.36	17.33	17.25	18.80
10	QPSK	25	25	17.24	17.29	17.33	18.80
10	QPSK	50	0	17.25	17.37	17.31	18.80
10	16QAM	1	0	17.28	17.23	17.34	18.80
10	16QAM	1	25	17.30	17.30	17.28	18.80
10	16QAM	1	49	17.26	17.38	17.39	18.80
10	16QAM	25	0	17.32	17.30	17.30	18.80
10	16QAM	25	12	17.24	17.31	17.33	18.80
10	16QAM	25	25	17.17	17.26	17.32	18.80
10	16QAM	50	0	17.26	17.31	17.24	18.80
10	64QAM	1	0	17.26	17.23	17.25	18.80
10	64QAM	1	25	17.18	17.41	17.30	18.80
10	64QAM	1	49	17.24	17.18	17.35	18.80
10	64QAM	25	0	17.35	17.21	17.35	18.80
10	64QAM	25	12	17.34	17.32	17.34	18.80
10	64QAM	25	25	17.34	17.36	17.32	18.80
10	64QAM	50	0	17.29	17.25	17.36	18.80
10	256QAM	1	0	16.43	16.64	16.43	18.00
10	256QAM	1	25	16.70	16.77	16.59	18.00
10	256QAM	1	49	16.52	16.77	16.52	18.00
10	256QAM	25	0	16.76	16.99	16.75	18.00
10	256QAM	25	12	16.78	17.03	16.74	18.00
10	256QAM	25	25	16.80	17.00	16.73	18.00
10	256QAM	50	0	16.71	16.90	16.60	18.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.31	17.37	17.39	18.80
5	QPSK	1	12	17.33	17.23	17.26	18.80
5	QPSK	1	24	17.36	17.31	17.28	18.80
5	QPSK	12	0	17.36	17.28	17.34	18.80
5	QPSK	12	7	17.24	17.30	17.30	18.80
5	QPSK	12	13	17.23	17.22	17.33	18.80
5	QPSK	25	0	17.26	17.33	17.21	18.80
5	16QAM	1	0	17.18	17.20	17.37	18.80
5	16QAM	1	12	17.21	17.28	17.38	18.80
5	16QAM	1	24	17.36	17.25	17.27	18.80
5	16QAM	12	0	17.40	17.33	17.30	18.80
5	16QAM	12	7	17.20	17.29	17.28	18.80
5	16QAM	12	13	17.24	17.23	17.22	18.80
5	16QAM	25	0	17.38	17.33	17.23	18.80
5	64QAM	1	0	17.32	17.29	17.26	18.80
5	64QAM	1	12	17.29	17.33	17.24	18.80
5	64QAM	1	24	17.35	17.24	17.32	18.80
5	64QAM	12	0	17.27	17.25	17.31	18.80
5	64QAM	12	7	17.29	17.33	17.39	18.80
5	64QAM	12	13	17.33	17.24	17.32	18.80
5	64QAM	25	0	17.29	17.28	17.28	18.80
5	256QAM	1	0	16.35	16.71	16.49	18.00
5	256QAM	1	12	16.67	16.85	16.57	18.00
5	256QAM	1	24	16.57	16.75	16.50	18.00
5	256QAM	12	0	16.74	16.92	16.71	18.00
5	256QAM	12	7	16.80	16.93	16.66	18.00
5	256QAM	12	13	16.89	16.98	16.73	18.00
5	256QAM	25	0	16.69	16.87	16.60	18.00

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

5_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	13.72	13.86	13.84	15.40
20	QPSK	1	49	13.70	13.77	13.68	15.40
20	QPSK	1	99	13.62	13.74	13.63	15.40
20	QPSK	50	0	13.68	13.82	13.74	15.40
20	QPSK	50	24	13.62	13.78	13.62	15.40
20	QPSK	50	50	13.65	13.75	13.72	15.40
20	QPSK	100	0	13.61	13.77	13.74	15.40
20	16QAM	1	0	13.71	13.75	13.68	15.40
20	16QAM	1	49	13.62	13.73	13.71	15.40
20	16QAM	1	99	13.61	13.71	13.65	15.40
20	16QAM	50	0	13.62	13.77	13.72	15.40



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20	16QAM	50	24	13.66	13.77	13.65	15.40
20	16QAM	50	50	13.67	13.73	13.71	15.40
20	16QAM	100	0	13.59	13.76	13.64	15.40
20	64QAM	1	0	13.65	13.69	13.71	15.40
20	64QAM	1	49	13.59	13.74	13.68	15.40
20	64QAM	1	99	13.70	13.73	13.73	15.40
20	64QAM	50	0	13.67	13.77	13.63	15.40
20	64QAM	50	24	13.64	13.72	13.68	15.40
20	64QAM	50	50	13.62	13.78	13.72	15.40
20	64QAM	100	0	13.63	13.71	13.67	15.40
20	256QAM	1	0	13.61	13.77	13.67	15.40
20	256QAM	1	49	13.62	13.72	13.67	15.40
20	256QAM	1	99	13.59	13.70	13.64	15.40
20	256QAM	50	0	13.62	13.73	13.72	15.40
20	256QAM	50	24	13.67	13.74	13.69	15.40
20	256QAM	50	50	13.59	13.75	13.73	15.40
20	256QAM	100	0	13.65	13.71	13.65	15.40
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	13.63	13.80	13.74	15.40
15	QPSK	1	37	13.64	13.62	13.59	15.40
15	QPSK	1	74	13.57	13.71	13.51	15.40
15	QPSK	36	0	13.63	13.70	13.62	15.40
15	QPSK	36	20	13.61	13.67	13.60	15.40
15	QPSK	36	39	13.62	13.66	13.60	15.40
15	QPSK	75	0	13.52	13.64	13.65	15.40
15	16QAM	1	0	13.57	13.73	13.61	15.40
15	16QAM	1	37	13.55	13.63	13.58	15.40
15	16QAM	1	74	13.49	13.62	13.50	15.40
15	16QAM	36	0	13.49	13.72	13.66	15.40
15	16QAM	36	20	13.60	13.69	13.52	15.40
15	16QAM	36	39	13.60	13.65	13.58	15.40
15	16QAM	75	0	13.50	13.65	13.60	15.40
15	64QAM	1	0	13.58	13.63	13.67	15.40
15	64QAM	1	37	13.46	13.66	13.57	15.40
15	64QAM	1	74	13.59	13.63	13.70	15.40
15	64QAM	36	0	13.62	13.65	13.56	15.40
15	64QAM	36	20	13.62	13.62	13.59	15.40
15	64QAM	36	39	13.57	13.70	13.66	15.40
15	64QAM	75	0	13.52	13.57	13.63	15.40
15	256QAM	1	0	13.52	13.63	13.54	15.40
15	256QAM	1	37	13.52	13.65	13.60	15.40
15	256QAM	1	74	13.52	13.67	13.59	15.40
15	256QAM	36	0	13.55	13.58	13.68	15.40
15	256QAM	36	20	13.64	13.67	13.63	15.40
15	256QAM	36	39	13.54	13.64	13.59	15.40
15	256QAM	75	0	13.56	13.63	13.52	15.40
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	13.62	13.77	13.80	15.40
10	QPSK	1	25	13.67	13.67	13.55	15.40
10	QPSK	1	49	13.58	13.64	13.50	15.40
10	QPSK	25	0	13.58	13.78	13.73	15.40
10	QPSK	25	12	13.48	13.68	13.53	15.40
10	QPSK	25	25	13.63	13.68	13.66	15.40
10	QPSK	50	0	13.54	13.66	13.63	15.40
10	16QAM	1	0	13.68	13.62	13.63	15.40
10	16QAM	1	25	13.57	13.60	13.61	15.40
10	16QAM	1	49	13.51	13.64	13.51	15.40
10	16QAM	25	0	13.61	13.65	13.68	15.40
10	16QAM	25	12	13.52	13.63	13.54	15.40
10	16QAM	25	25	13.54	13.67	13.62	15.40
10	16QAM	50	0	13.58	13.68	13.53	15.40
10	64QAM	1	0	13.54	13.62	13.56	15.40
10	64QAM	1	25	13.50	13.64	13.54	15.40
10	64QAM	1	49	13.64	13.67	13.58	15.40
10	64QAM	25	0	13.60	13.74	13.55	15.40
10	64QAM	25	12	13.50	13.63	13.56	15.40
10	64QAM	25	25	13.53	13.71	13.63	15.40
10	64QAM	50	0	13.55	13.62	13.65	15.40
10	256QAM	1	0	13.52	13.72	13.53	15.40
10	256QAM	1	25	13.54	13.70	13.65	15.40
10	256QAM	1	49	13.58	13.69	13.55	15.40
10	256QAM	25	0	13.59	13.67	13.61	15.40
10	256QAM	25	12	13.66	13.61	13.57	15.40
10	256QAM	25	25	13.58	13.70	13.70	15.40
10	256QAM	50	0	13.59	13.69	13.58	15.40
Channel				42115	42590	43065	Tune-up limit



Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	13.65	13.81	13.74	15.40
5	QPSK	1	12	13.57	13.68	13.54	15.40
5	QPSK	1	24	13.47	13.67	13.62	15.40
5	QPSK	12	0	13.63	13.68	13.68	15.40
5	QPSK	12	7	13.48	13.74	13.49	15.40
5	QPSK	12	13	13.60	13.74	13.67	15.40
5	QPSK	25	0	13.56	13.67	13.72	15.40
5	16QAM	1	0	13.67	13.68	13.60	15.40
5	16QAM	1	12	13.50	13.61	13.67	15.40
5	16QAM	1	24	13.51	13.63	13.53	15.40
5	16QAM	12	0	13.56	13.74	13.67	15.40
5	16QAM	12	7	13.54	13.73	13.59	15.40
5	16QAM	12	13	13.59	13.63	13.70	15.40
5	16QAM	25	0	13.46	13.70	13.58	15.40
5	64QAM	1	0	13.59	13.56	13.68	15.40
5	64QAM	1	12	13.57	13.64	13.66	15.40
5	64QAM	1	24	13.65	13.70	13.61	15.40
5	64QAM	12	0	13.62	13.71	13.53	15.40
5	64QAM	12	7	13.53	13.62	13.60	15.40
5	64QAM	12	13	13.58	13.76	13.70	15.40
5	64QAM	25	0	13.56	13.68	13.61	15.40
5	256QAM	1	0	13.56	13.72	13.60	15.40
5	256QAM	1	12	13.54	13.69	13.64	15.40
5	256QAM	1	24	13.57	13.68	13.56	15.40
5	256QAM	12	0	13.50	13.62	13.57	15.40
5	256QAM	12	7	13.56	13.63	13.55	15.40
5	256QAM	12	13	13.54	13.62	13.66	15.40
5	256QAM	25	0	13.61	13.68	13.61	15.40

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

5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	14.74	14.83	14.76	16.20
20	QPSK	1	49	14.67	14.71	14.70	16.20
20	QPSK	1	99	14.61	14.75	14.74	16.20
20	QPSK	50	0	14.69	14.73	14.72	16.20
20	QPSK	50	24	14.67	14.68	14.70	16.20
20	QPSK	50	50	14.62	14.68	14.66	16.20
20	QPSK	100	0	14.67	14.76	14.74	16.20
20	16QAM	1	0	14.64	14.67	14.74	16.20
20	16QAM	1	49	14.62	14.72	14.70	16.20
20	16QAM	1	99	14.69	14.71	14.74	16.20
20	16QAM	50	0	14.60	14.74	14.68	16.20
20	16QAM	50	24	14.69	14.76	14.67	16.20
20	16QAM	50	50	14.60	14.66	14.64	16.20
20	16QAM	100	0	14.71	14.73	14.72	16.20
20	64QAM	1	0	14.65	14.71	14.65	16.20
20	64QAM	1	49	14.72	14.72	14.72	16.20
20	64QAM	1	99	14.67	14.76	14.66	16.20
20	64QAM	50	0	14.66	14.72	14.73	16.20
20	64QAM	50	24	14.65	14.67	14.74	16.20
20	64QAM	50	50	14.63	14.67	14.67	16.20
20	64QAM	100	0	14.60	14.76	14.74	16.20
20	256QAM	1	0	14.68	14.68	14.71	16.20
20	256QAM	1	49	14.69	14.71	14.66	16.20
20	256QAM	1	99	14.69	14.72	14.72	16.20
20	256QAM	50	0	14.67	14.71	14.70	16.20
20	256QAM	50	24	14.64	14.76	14.72	16.20
20	256QAM	50	50	14.64	14.68	14.67	16.20
20	256QAM	100	0	14.61	14.74	14.67	16.20
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	14.72	14.81	14.62	16.20
15	QPSK	1	37	14.63	14.63	14.60	16.20
15	QPSK	1	74	14.52	14.72	14.65	16.20
15	QPSK	36	0	14.57	14.71	14.67	16.20
15	QPSK	36	20	14.63	14.58	14.56	16.20
15	QPSK	36	39	14.60	14.60	14.57	16.20



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15	QPSK	75	0	14.56	14.72	14.61	16.20
15	16QAM	1	0	14.52	14.58	14.69	16.20
15	16QAM	1	37	14.60	14.70	14.61	16.20
15	16QAM	1	74	14.54	14.56	14.66	16.20
15	16QAM	36	0	14.52	14.60	14.63	16.20
15	16QAM	36	20	14.63	14.63	14.54	16.20
15	16QAM	36	39	14.49	14.54	14.53	16.20
15	16QAM	75	0	14.67	14.69	14.62	16.20
15	64QAM	1	0	14.57	14.58	14.56	16.20
15	64QAM	1	37	14.61	14.69	14.60	16.20
15	64QAM	1	74	14.58	14.66	14.60	16.20
15	64QAM	36	0	14.62	14.59	14.60	16.20
15	64QAM	36	20	14.55	14.54	14.60	16.20
15	64QAM	36	39	14.53	14.62	14.54	16.20
15	64QAM	75	0	14.49	14.64	14.66	16.20
15	256QAM	1	0	14.55	14.61	14.56	16.20
15	256QAM	1	37	14.61	14.70	14.61	16.20
15	256QAM	1	74	14.65	14.65	14.61	16.20
15	256QAM	36	0	14.62	14.59	14.61	16.20
15	256QAM	36	20	14.52	14.68	14.59	16.20
15	256QAM	36	39	14.61	14.55	14.59	16.20
15	256QAM	75	0	14.56	14.72	14.59	16.20
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	14.64	14.81	14.65	16.20
10	QPSK	1	25	14.55	14.68	14.61	16.20
10	QPSK	1	49	14.50	14.64	14.59	16.20
10	QPSK	25	0	14.58	14.63	14.69	16.20
10	QPSK	25	12	14.65	14.66	14.69	16.20
10	QPSK	25	25	14.48	14.63	14.63	16.20
10	QPSK	50	0	14.66	14.62	14.63	16.20
10	16QAM	1	0	14.58	14.60	14.64	16.20
10	16QAM	1	25	14.55	14.66	14.65	16.20
10	16QAM	1	49	14.64	14.60	14.60	16.20
10	16QAM	25	0	14.48	14.66	14.61	16.20
10	16QAM	25	12	14.66	14.69	14.66	16.20
10	16QAM	25	25	14.54	14.60	14.54	16.20
10	16QAM	50	0	14.69	14.62	14.71	16.20
10	64QAM	1	0	14.60	14.57	14.53	16.20
10	64QAM	1	25	14.60	14.66	14.57	16.20
10	64QAM	1	49	14.64	14.68	14.53	16.20
10	64QAM	25	0	14.52	14.62	14.65	16.20
10	64QAM	25	12	14.55	14.65	14.69	16.20
10	64QAM	25	25	14.52	14.58	14.52	16.20
10	64QAM	50	0	14.45	14.67	14.66	16.20
10	256QAM	1	0	14.54	14.54	14.59	16.20
10	256QAM	1	25	14.55	14.66	14.63	16.20
10	256QAM	1	49	14.61	14.70	14.61	16.20
10	256QAM	25	0	14.55	14.68	14.67	16.20
10	256QAM	25	12	14.50	14.72	14.67	16.20
10	256QAM	25	25	14.62	14.55	14.54	16.20
10	256QAM	50	0	14.51	14.71	14.59	16.20
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	14.63	14.82	14.70	16.20
5	QPSK	1	12	14.63	14.65	14.61	16.20
5	QPSK	1	24	14.49	14.67	14.60	16.20
5	QPSK	12	0	14.55	14.61	14.60	16.20
5	QPSK	12	7	14.55	14.55	14.60	16.20
5	QPSK	12	13	14.47	14.63	14.59	16.20
5	QPSK	25	0	14.58	14.70	14.68	16.20
5	16QAM	1	0	14.56	14.61	14.71	16.20
5	16QAM	1	12	14.59	14.62	14.56	16.20
5	16QAM	1	24	14.65	14.59	14.73	16.20
5	16QAM	12	0	14.53	14.62	14.54	16.20
5	16QAM	12	7	14.56	14.72	14.58	16.20
5	16QAM	12	13	14.56	14.54	14.56	16.20
5	16QAM	25	0	14.62	14.69	14.70	16.20
5	64QAM	1	0	14.57	14.69	14.55	16.20
5	64QAM	1	12	14.70	14.67	14.64	16.20
5	64QAM	1	24	14.59	14.74	14.62	16.20
5	64QAM	12	0	14.63	14.57	14.66	16.20
5	64QAM	12	7	14.58	14.64	14.64	16.20
5	64QAM	12	13	14.50	14.53	14.63	16.20
5	64QAM	25	0	14.53	14.74	14.73	16.20
5	256QAM	1	0	14.55	14.58	14.60	16.20
5	256QAM	1	12	14.65	14.69	14.51	16.20
5	256QAM	1	24	14.61	14.61	14.59	16.20



5	256QAM	12	0	14.64	14.60	14.65	16.20
5	256QAM	12	7	14.62	14.64	14.59	16.20
5	256QAM	12	13	14.59	14.56	14.62	16.20
5	256QAM	25	0	14.59	14.68	14.53	16.20

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

5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.44	21.61	21.37	22.60
20	QPSK	1	49	21.30	21.48	21.29	22.60
20	QPSK	1	99	21.29	21.45	21.33	22.60
20	QPSK	50	0	21.06	21.14	20.96	21.60
20	QPSK	50	24	20.85	21.13	20.91	21.60
20	QPSK	50	50	20.96	21.07	20.90	21.60
20	QPSK	100	0	20.91	21.09	20.83	21.60
20	16QAM	1	0	20.89	21.06	20.90	21.60
20	16QAM	1	49	20.89	21.12	20.88	21.60
20	16QAM	1	99	20.89	21.03	20.94	21.60
20	16QAM	50	0	19.92	20.05	19.93	20.60
20	16QAM	50	24	19.93	20.04	19.83	20.60
20	16QAM	50	50	19.90	20.06	19.83	20.60
20	16QAM	100	0	19.88	20.07	19.84	20.60
20	64QAM	1	0	19.32	19.59	19.35	20.60
20	64QAM	1	49	19.44	19.72	19.52	20.60
20	64QAM	1	99	19.49	19.67	19.35	20.60
20	64QAM	50	0	18.79	18.99	18.72	19.60
20	64QAM	50	24	18.84	19.01	18.75	19.60
20	64QAM	50	50	18.81	19.02	18.79	19.60
20	64QAM	100	0	18.77	18.99	18.78	19.60
20	256QAM	1	0	16.50	16.77	16.53	17.60
20	256QAM	1	49	16.74	16.89	16.66	17.60
20	256QAM	1	99	16.61	16.84	16.63	17.60
20	256QAM	50	0	16.83	17.05	16.79	17.60
20	256QAM	50	24	16.86	17.04	16.80	17.60
20	256QAM	50	50	16.92	17.09	16.82	17.60
20	256QAM	100	0	16.80	17.01	16.72	17.60
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.36	21.47	21.27	22.60
15	QPSK	1	37	21.25	21.42	21.16	22.60
15	QPSK	1	74	21.20	21.43	21.32	22.60
15	QPSK	36	0	21.00	21.09	20.82	21.60
15	QPSK	36	20	20.73	21.01	20.81	21.60
15	QPSK	36	39	20.81	20.92	20.82	21.60
15	QPSK	75	0	20.86	21.00	20.76	21.60
15	16QAM	1	0	20.79	20.95	20.82	21.60
15	16QAM	1	37	20.83	21.06	20.87	21.60
15	16QAM	1	74	20.88	20.90	20.85	21.60
15	16QAM	36	0	19.79	19.90	19.88	20.60
15	16QAM	36	20	19.91	19.91	19.78	20.60
15	16QAM	36	39	19.80	20.02	19.75	20.60
15	16QAM	75	0	19.83	20.04	19.77	20.60
15	64QAM	1	0	19.78	20.03	19.74	20.60
15	64QAM	1	37	19.81	19.96	19.82	20.60
15	64QAM	1	74	19.86	20.02	19.76	20.60
15	64QAM	36	0	18.75	18.99	18.80	19.60
15	64QAM	36	20	18.75	19.00	18.83	19.60
15	64QAM	36	39	18.82	18.93	18.83	19.60
15	64QAM	75	0	18.76	19.03	18.78	19.60
15	256QAM	1	0	16.43	16.72	16.47	17.60
15	256QAM	1	37	16.65	16.85	16.63	17.60
15	256QAM	1	74	16.55	16.69	16.54	17.60
15	256QAM	36	0	16.75	16.95	16.64	17.60
15	256QAM	36	20	16.81	16.92	16.73	17.60
15	256QAM	36	39	16.89	16.99	16.74	17.60
15	256QAM	75	0	16.71	16.89	16.69	17.60
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.29	21.47	21.29	22.60



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10	QPSK	1	25	21.28	21.47	21.25	22.60
10	QPSK	1	49	21.15	21.31	21.25	22.60
10	QPSK	25	0	20.98	21.07	20.94	21.60
10	QPSK	25	12	20.82	21.07	20.77	21.60
10	QPSK	25	25	20.92	20.93	20.79	21.60
10	QPSK	50	0	20.79	20.97	20.68	21.60
10	16QAM	1	0	20.84	20.97	20.88	21.60
10	16QAM	1	25	20.86	21.01	20.86	21.60
10	16QAM	1	49	20.76	21.00	20.92	21.60
10	16QAM	25	0	19.90	20.04	19.84	20.60
10	16QAM	25	12	19.88	19.94	19.73	20.60
10	16QAM	25	25	19.79	20.03	19.69	20.60
10	16QAM	50	0	19.80	19.99	19.78	20.60
10	64QAM	1	0	19.79	19.94	19.80	20.60
10	64QAM	1	25	19.93	19.98	19.86	20.60
10	64QAM	1	49	19.91	20.09	19.80	20.60
10	64QAM	25	0	18.85	18.99	18.76	19.60
10	64QAM	25	12	18.72	19.11	18.87	19.60
10	64QAM	25	25	18.85	19.05	18.81	19.60
10	64QAM	50	0	18.84	19.01	18.74	19.60
10	256QAM	1	0	16.35	16.71	16.41	17.60
10	256QAM	1	25	16.60	16.79	16.55	17.60
10	256QAM	1	49	16.58	16.79	16.57	17.60
10	256QAM	25	0	16.78	16.96	16.77	17.60
10	256QAM	25	12	16.73	17.03	16.67	17.60
10	256QAM	25	25	16.86	16.95	16.77	17.60
10	256QAM	50	0	16.75	16.92	16.58	17.60
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.39	21.53	21.29	22.60
5	QPSK	1	12	21.28	21.35	21.25	22.60
5	QPSK	1	24	21.26	21.31	21.28	22.60
5	QPSK	12	0	20.96	21.07	20.91	21.60
5	QPSK	12	7	20.84	21.05	20.77	21.60
5	QPSK	12	13	20.81	20.96	20.89	21.60
5	QPSK	25	0	20.89	21.08	20.73	21.60
5	16QAM	1	0	20.88	21.01	20.83	21.60
5	16QAM	1	12	20.76	21.01	20.77	21.60
5	16QAM	1	24	20.83	20.89	20.81	21.60
5	16QAM	12	0	19.78	19.95	19.90	20.60
5	16QAM	12	7	19.80	19.98	19.81	20.60
5	16QAM	12	13	19.83	19.94	19.71	20.60
5	16QAM	25	0	19.79	20.02	19.74	20.60
5	64QAM	1	0	19.88	20.04	19.76	20.60
5	64QAM	1	12	19.81	19.94	19.82	20.60
5	64QAM	1	24	19.87	20.11	19.73	20.60
5	64QAM	12	0	18.87	18.95	18.70	19.60
5	64QAM	12	7	18.85	19.05	18.86	19.60
5	64QAM	12	13	18.78	19.00	18.80	19.60
5	64QAM	25	0	18.85	18.99	18.81	19.60
5	256QAM	1	0	16.48	16.68	16.44	17.60
5	256QAM	1	12	16.62	16.85	16.56	17.60
5	256QAM	1	24	16.47	16.82	16.55	17.60
5	256QAM	12	0	16.68	16.92	16.65	17.60
5	256QAM	12	7	16.83	17.02	16.65	17.60
5	256QAM	12	13	16.82	16.96	16.80	17.60
5	256QAM	25	0	16.68	16.90	16.64	17.60



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

5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.11	22.29	22.08	23.00
20	QPSK	1	49	21.85	22.15	21.79	23.00
20	QPSK	1	99	21.96	22.19	21.85	23.00
20	QPSK	50	0	21.01	21.25	21.19	22.00
20	QPSK	50	24	20.89	21.18	20.89	22.00
20	QPSK	50	50	20.82	21.04	20.79	22.00
20	QPSK	100	0	20.72	21.01	20.71	22.00
20	16QAM	1	0	20.85	21.06	20.79	22.00
20	16QAM	1	49	20.90	21.16	20.91	22.00
20	16QAM	1	99	20.89	21.14	20.87	22.00
20	16QAM	50	0	19.83	20.02	19.78	21.00
20	16QAM	50	24	19.74	20.03	19.80	21.00
20	16QAM	50	50	19.77	20.07	19.82	21.00
20	16QAM	100	0	19.79	20.02	19.81	21.00
20	64QAM	1	0	19.32	19.59	19.35	21.00
20	64QAM	1	49	19.44	19.72	19.52	21.00
20	64QAM	1	99	19.49	19.67	19.35	21.00
20	64QAM	50	0	18.79	18.99	18.72	20.00
20	64QAM	50	24	18.84	19.01	18.75	20.00
20	64QAM	50	50	18.81	19.02	18.79	20.00
20	64QAM	100	0	18.77	18.99	18.78	20.00
20	256QAM	1	0	16.50	16.77	16.53	18.00
20	256QAM	1	49	16.74	16.89	16.66	18.00
20	256QAM	1	99	16.61	16.84	16.63	18.00
20	256QAM	50	0	16.83	17.05	16.79	18.00
20	256QAM	50	24	16.86	17.04	16.80	18.00
20	256QAM	50	50	16.92	17.09	16.82	18.00
20	256QAM	100	0	16.80	17.01	16.72	18.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.06	22.22	21.94	23.00
15	QPSK	1	37	21.80	22.07	21.65	23.00
15	QPSK	1	74	21.89	22.15	21.80	23.00
15	QPSK	36	0	20.90	21.11	20.94	22.00
15	QPSK	36	20	20.84	21.10	20.87	22.00
15	QPSK	36	39	20.73	20.91	20.67	22.00
15	QPSK	75	0	20.64	20.87	20.58	22.00
15	16QAM	1	0	20.83	20.92	20.70	22.00
15	16QAM	1	37	20.78	21.05	20.84	22.00
15	16QAM	1	74	20.82	21.06	20.79	22.00
15	16QAM	36	0	19.82	19.95	19.77	21.00
15	16QAM	36	20	19.63	19.99	19.65	21.00
15	16QAM	36	39	19.72	19.94	19.75	21.00
15	16QAM	75	0	19.76	20.00	19.78	21.00
15	64QAM	1	0	19.30	19.54	19.21	21.00
15	64QAM	1	37	19.42	19.62	19.49	21.00
15	64QAM	1	74	19.44	19.53	19.30	21.00
15	64QAM	36	0	18.73	18.94	18.63	20.00
15	64QAM	36	20	18.72	18.95	18.60	20.00
15	64QAM	36	39	18.76	18.99	18.69	20.00
15	64QAM	75	0	18.68	18.84	18.68	20.00
15	256QAM	1	0	16.36	16.69	16.48	18.00
15	256QAM	1	37	16.63	16.77	16.62	18.00
15	256QAM	1	74	16.47	16.78	16.49	18.00
15	256QAM	36	0	16.69	16.91	16.75	18.00
15	256QAM	36	20	16.78	17.00	16.66	18.00
15	256QAM	36	39	16.83	16.98	16.68	18.00
15	256QAM	75	0	16.78	16.92	16.68	18.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.99	22.25	22.00	23.00
10	QPSK	1	25	21.73	22.02	21.72	23.00
10	QPSK	1	49	21.94	22.10	21.70	23.00
10	QPSK	25	0	20.98	21.18	20.87	22.00
10	QPSK	25	12	20.75	21.15	20.75	22.00
10	QPSK	25	25	20.78	20.91	20.72	22.00
10	QPSK	50	0	20.67	20.97	20.67	22.00
10	16QAM	1	0	20.79	20.92	20.70	22.00
10	16QAM	1	25	20.77	21.04	20.81	22.00



10	16QAM	1	49	20.87	21.09	20.79	22.00
10	16QAM	25	0	19.73	19.95	19.75	21.00
10	16QAM	25	12	19.68	19.97	19.77	21.00
10	16QAM	25	25	19.64	20.00	19.79	21.00
10	16QAM	50	0	19.69	19.95	19.67	21.00
10	64QAM	1	0	19.22	19.54	19.32	21.00
10	64QAM	1	25	19.29	19.65	19.46	21.00
10	64QAM	1	49	19.46	19.63	19.27	21.00
10	64QAM	25	0	18.73	18.96	18.71	20.00
10	64QAM	25	12	18.80	18.90	18.64	20.00
10	64QAM	25	25	18.67	18.90	18.73	20.00
10	64QAM	50	0	18.64	18.84	18.68	20.00
10	256QAM	1	0	16.43	16.64	16.43	18.00
10	256QAM	1	25	16.70	16.77	16.59	18.00
10	256QAM	1	49	16.52	16.77	16.52	18.00
10	256QAM	25	0	16.76	16.99	16.75	18.00
10	256QAM	25	12	16.78	17.03	16.74	18.00
10	256QAM	25	25	16.80	17.00	16.73	18.00
10	256QAM	50	0	16.71	16.90	16.60	18.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.08	22.17	21.98	23.00
5	QPSK	1	12	21.80	22.02	21.70	23.00
5	QPSK	1	24	21.89	22.06	21.77	23.00
5	QPSK	12	0	20.90	21.20	20.97	22.00
5	QPSK	12	7	20.86	21.05	20.79	22.00
5	QPSK	12	13	20.79	20.95	20.71	22.00
5	QPSK	25	0	20.66	20.98	20.57	22.00
5	16QAM	1	0	20.76	20.94	20.76	22.00
5	16QAM	1	12	20.86	21.02	20.79	22.00
5	16QAM	1	24	20.81	21.10	20.78	22.00
5	16QAM	12	0	19.74	19.93	19.73	21.00
5	16QAM	12	7	19.62	20.01	19.66	21.00
5	16QAM	12	13	19.75	20.03	19.70	21.00
5	16QAM	25	0	19.76	19.87	19.70	21.00
5	64QAM	1	0	19.27	19.51	19.28	21.00
5	64QAM	1	12	19.35	19.67	19.50	21.00
5	64QAM	1	24	19.39	19.63	19.22	21.00
5	64QAM	12	0	18.65	18.88	18.64	20.00
5	64QAM	12	7	18.80	18.98	18.72	20.00
5	64QAM	12	13	18.76	18.97	18.72	20.00
5	64QAM	25	0	18.67	18.92	18.75	20.00
5	256QAM	1	0	16.35	16.71	16.49	18.00
5	256QAM	1	12	16.67	16.85	16.57	18.00
5	256QAM	1	24	16.57	16.75	16.50	18.00
5	256QAM	12	0	16.74	16.92	16.71	18.00
5	256QAM	12	7	16.80	16.93	16.66	18.00
5	256QAM	12	13	16.89	16.98	16.73	18.00
5	256QAM	25	0	16.69	16.87	16.60	18.00

**【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	22.53	22.54	22.33	24.00
20	QPSK	1	49	22.29	22.39	22.14	24.00
20	QPSK	1	99	22.33	22.48	22.15	24.00
20	QPSK	50	0	21.50	21.55	21.32	23.00
20	QPSK	50	24	21.42	21.46	21.12	23.00
20	QPSK	50	50	21.36	21.49	21.17	23.00
20	QPSK	100	0	21.40	21.48	21.15	23.00
20	16QAM	1	0	21.63	21.76	21.45	23.00
20	16QAM	1	49	21.62	21.72	21.47	23.00
20	16QAM	1	99	21.67	21.75	21.40	23.00
20	16QAM	50	0	20.38	20.42	20.13	22.00
20	16QAM	50	24	20.35	20.39	20.14	22.00
20	16QAM	50	50	20.33	20.46	20.15	22.00
20	16QAM	100	0	20.44	20.47	20.14	22.00
20	64QAM	1	0	20.48	20.62	20.32	22.00
20	64QAM	1	49	20.42	20.54	20.22	22.00
20	64QAM	1	99	20.58	20.66	20.42	22.00
20	64QAM	50	0	19.30	19.38	19.18	21.00
20	64QAM	50	24	19.24	19.39	19.11	21.00
20	64QAM	50	50	19.38	19.46	19.26	21.00
20	64QAM	100	0	19.40	19.44	19.22	21.00
20	256QAM	1	0	17.39	17.52	17.32	19.00
20	256QAM	1	49	17.33	17.46	17.23	19.00
20	256QAM	1	99	17.47	17.61	17.37	19.00
20	256QAM	50	0	17.24	17.37	17.13	19.00
20	256QAM	50	24	17.27	17.36	17.13	19.00
20	256QAM	50	50	17.33	17.43	17.26	19.00
20	256QAM	100	0	17.38	17.41	17.17	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.50	22.42	22.27	24.00
15	QPSK	1	37	22.22	22.29	22.04	24.00
15	QPSK	1	74	22.31	22.35	22.01	24.00
15	QPSK	36	0	21.41	21.46	21.26	23.00
15	QPSK	36	20	21.31	21.38	21.04	23.00
15	QPSK	36	39	21.25	21.41	21.06	23.00
15	QPSK	75	0	21.34	21.42	21.08	23.00
15	16QAM	1	0	21.61	21.62	21.39	23.00
15	16QAM	1	37	21.50	21.64	21.41	23.00
15	16QAM	1	74	21.64	21.70	21.35	23.00
15	16QAM	36	0	20.36	20.38	20.06	22.00
15	16QAM	36	20	20.22	20.28	20.06	22.00
15	16QAM	36	39	20.22	20.31	20.10	22.00
15	16QAM	75	0	20.37	20.38	20.09	22.00
15	64QAM	1	0	20.45	20.57	20.24	22.00
15	64QAM	1	37	20.40	20.45	20.14	22.00
15	64QAM	1	74	20.50	20.58	20.36	22.00
15	64QAM	36	0	19.28	19.33	19.12	21.00
15	64QAM	36	20	19.18	19.31	19.05	21.00
15	64QAM	36	39	19.24	19.43	19.21	21.00
15	64QAM	75	0	19.31	19.38	19.12	21.00
15	256QAM	1	0	17.25	17.50	17.28	19.00
15	256QAM	1	37	17.32	17.36	17.13	19.00
15	256QAM	1	74	17.40	17.48	17.26	19.00
15	256QAM	36	0	17.20	17.34	17.06	19.00
15	256QAM	36	20	17.23	17.30	17.00	19.00
15	256QAM	36	39	17.22	17.35	17.24	19.00
15	256QAM	75	0	17.33	17.30	17.07	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.39	22.37	22.30	24.00
10	QPSK	1	25	22.19	22.28	22.06	24.00
10	QPSK	1	49	22.20	22.33	22.14	24.00
10	QPSK	25	0	21.37	21.52	21.29	23.00
10	QPSK	25	12	21.36	21.45	21.08	23.00
10	QPSK	25	25	21.22	21.47	21.08	23.00
10	QPSK	50	0	21.33	21.34	21.10	23.00
10	16QAM	1	0	21.52	21.71	21.37	23.00
10	16QAM	1	25	21.57	21.65	21.36	23.00



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10	16QAM	1	49	21.54	21.72	21.36	23.00
10	16QAM	25	0	20.34	20.35	20.09	22.00
10	16QAM	25	12	20.31	20.38	20.11	22.00
10	16QAM	25	25	20.18	20.32	20.12	22.00
10	16QAM	50	0	20.29	20.45	20.10	22.00
10	64QAM	1	0	20.43	20.55	20.30	22.00
10	64QAM	1	25	20.40	20.46	20.12	22.00
10	64QAM	1	49	20.56	20.63	20.36	22.00
10	64QAM	25	0	19.21	19.23	19.08	21.00
10	64QAM	25	12	19.19	19.31	19.06	21.00
10	64QAM	25	25	19.25	19.44	19.12	21.00
10	64QAM	50	0	19.26	19.32	19.14	21.00
10	256QAM	1	0	17.27	17.47	17.26	19.00
10	256QAM	1	25	17.21	17.35	17.13	19.00
10	256QAM	1	49	17.33	17.54	17.33	19.00
10	256QAM	25	0	17.23	17.29	17.04	19.00
10	256QAM	25	12	17.15	17.33	17.11	19.00
10	256QAM	25	25	17.27	17.39	17.16	19.00
10	256QAM	50	0	17.25	17.32	17.04	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.43	22.37	22.23	24.00
5	QPSK	1	12	22.24	22.25	22.00	24.00
5	QPSK	1	24	22.32	22.33	22.04	24.00
5	QPSK	12	0	21.36	21.47	21.29	23.00
5	QPSK	12	7	21.33	21.33	21.05	23.00
5	QPSK	12	13	21.32	21.40	21.09	23.00
5	QPSK	25	0	21.30	21.44	21.00	23.00
5	16QAM	1	0	21.59	21.72	21.38	23.00
5	16QAM	1	12	21.57	21.59	21.40	23.00
5	16QAM	1	24	21.54	21.71	21.28	23.00
5	16QAM	12	0	20.29	20.38	20.04	22.00
5	16QAM	12	7	20.34	20.26	20.10	22.00
5	16QAM	12	13	20.26	20.40	20.05	22.00
5	16QAM	25	0	20.34	20.37	20.11	22.00
5	64QAM	1	0	20.46	20.51	20.22	22.00
5	64QAM	1	12	20.35	20.52	20.15	22.00
5	64QAM	1	24	20.48	20.54	20.29	22.00
5	64QAM	12	0	19.27	19.31	19.17	21.00
5	64QAM	12	7	19.12	19.26	19.01	21.00
5	64QAM	12	13	19.30	19.39	19.15	21.00
5	64QAM	25	0	19.25	19.31	19.17	21.00
5	256QAM	1	0	17.30	17.37	17.27	19.00
5	256QAM	1	12	17.32	17.40	17.13	19.00
5	256QAM	1	24	17.33	17.55	17.27	19.00
5	256QAM	12	0	17.22	17.32	17.01	19.00
5	256QAM	12	7	17.16	17.28	17.01	19.00
5	256QAM	12	13	17.26	17.33	17.11	19.00
5	256QAM	25	0	17.36	17.39	17.10	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.40	22.32	22.19	24.00
3	QPSK	1	8	22.24	22.29	22.11	24.00
3	QPSK	1	14	22.31	22.40	22.08	24.00
3	QPSK	8	0	21.46	21.42	21.23	23.00
3	QPSK	8	4	21.30	21.35	21.00	23.00
3	QPSK	8	7	21.31	21.43	21.11	23.00
3	QPSK	15	0	21.38	21.39	21.06	23.00
3	16QAM	1	0	21.56	21.64	21.36	23.00
3	16QAM	1	8	21.55	21.69	21.37	23.00
3	16QAM	1	14	21.56	21.70	21.30	23.00
3	16QAM	8	0	20.34	20.28	20.08	22.00
3	16QAM	8	4	20.24	20.35	20.10	22.00
3	16QAM	8	7	20.29	20.43	20.02	22.00
3	16QAM	15	0	20.37	20.34	20.06	22.00
3	64QAM	1	0	20.37	20.48	20.27	22.00
3	64QAM	1	8	20.34	20.40	20.20	22.00
3	64QAM	1	14	20.45	20.56	20.30	22.00
3	64QAM	8	0	19.17	19.33	19.11	21.00
3	64QAM	8	4	19.19	19.35	19.00	21.00
3	64QAM	8	7	19.32	19.35	19.17	21.00
3	64QAM	15	0	19.32	19.35	19.08	21.00
3	256QAM	1	0	17.37	17.48	17.26	19.00
3	256QAM	1	8	17.26	17.43	17.11	19.00
3	256QAM	1	14	17.40	17.54	17.26	19.00
3	256QAM	8	0	17.15	17.25	17.11	19.00
3	256QAM	8	4	17.20	17.32	17.04	19.00
3	256QAM	8	7	17.26	17.41	17.22	19.00



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3	256QAM	15	0	17.26	17.33	17.05	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.51	22.31	22.21	24.00
1.4	QPSK	1	3	22.18	22.32	22.09	24.00
1.4	QPSK	1	5	22.23	22.36	22.08	24.00
1.4	QPSK	3	0	22.41	22.40	22.29	24.00
1.4	QPSK	3	1	22.32	22.37	22.04	24.00
1.4	QPSK	3	3	22.30	22.38	22.02	24.00
1.4	QPSK	6	0	21.36	21.35	21.13	23.00
1.4	16QAM	1	0	21.59	21.73	21.37	23.00
1.4	16QAM	1	3	21.54	21.64	21.44	23.00
1.4	16QAM	1	5	21.55	21.73	21.28	23.00
1.4	16QAM	3	0	21.29	21.28	21.10	23.00
1.4	16QAM	3	1	21.34	21.25	21.07	23.00
1.4	16QAM	3	3	21.19	21.40	21.08	23.00
1.4	16QAM	6	0	20.40	20.42	20.08	22.00
1.4	64QAM	1	0	20.43	20.54	20.18	22.00
1.4	64QAM	1	3	20.35	20.44	20.08	22.00
1.4	64QAM	1	5	20.49	20.61	20.37	22.00
1.4	64QAM	3	0	20.23	20.26	20.17	22.00
1.4	64QAM	3	1	20.10	20.35	20.09	22.00
1.4	64QAM	3	3	20.23	20.36	20.17	22.00
1.4	64QAM	6	0	19.35	19.32	19.20	21.00
1.4	256QAM	1	0	17.29	17.45	17.18	19.00
1.4	256QAM	1	3	17.18	17.45	17.12	19.00
1.4	256QAM	1	5	17.43	17.46	17.27	19.00
1.4	256QAM	3	0	17.09	17.35	17.01	19.00
1.4	256QAM	3	1	17.24	17.34	17.11	19.00
1.4	256QAM	3	3	17.22	17.36	17.14	19.00
1.4	256QAM	6	0	17.24	17.30	17.04	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	23.28	23.36	23.16	24.00
20	QPSK	1	49	23.12	23.20	23.02	24.00
20	QPSK	1	99	23.23	23.23	23.14	24.00
20	QPSK	50	0	22.24	22.33	22.29	23.00
20	QPSK	50	24	22.20	22.32	22.22	23.00
20	QPSK	50	50	22.19	22.26	22.24	23.00
20	QPSK	100	0	22.23	22.30	22.28	23.00
20	16QAM	1	0	22.23	22.32	22.21	23.00
20	16QAM	1	49	22.30	22.27	22.16	23.00
20	16QAM	1	99	22.25	22.31	22.24	23.00
20	16QAM	50	0	21.22	21.29	21.25	22.00
20	16QAM	50	24	21.19	21.36	21.17	22.00
20	16QAM	50	50	21.22	21.34	21.20	22.00
20	16QAM	100	0	21.21	21.32	21.10	22.00
20	64QAM	1	0	21.26	21.37	21.17	22.00
20	64QAM	1	49	21.19	21.30	21.21	22.00
20	64QAM	1	99	21.27	21.39	21.22	22.00
20	64QAM	50	0	20.17	20.24	20.15	21.00
20	64QAM	50	24	20.34	20.26	20.19	21.00
20	64QAM	50	50	20.23	20.39	20.21	21.00
20	64QAM	100	0	20.24	20.39	20.18	21.00
20	256QAM	1	0	18.29	18.34	18.30	19.00
20	256QAM	1	49	18.26	18.31	18.11	19.00
20	256QAM	1	99	18.31	18.33	18.18	19.00
20	256QAM	50	0	18.22	18.30	18.28	19.00
20	256QAM	50	24	18.30	18.35	18.21	19.00
20	256QAM	50	50	18.19	18.39	18.20	19.00
20	256QAM	100	0	18.20	18.30	18.23	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.27	23.28	23.10	24.00
15	QPSK	1	37	22.99	23.16	22.89	24.00
15	QPSK	1	74	23.18	23.16	22.99	24.00
15	QPSK	36	0	22.18	22.30	22.20	23.00
15	QPSK	36	20	22.16	22.18	22.20	23.00



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15	QPSK	36	39	22.16	22.24	22.10	23.00
15	QPSK	75	0	22.18	22.19	22.25	23.00
15	16QAM	1	0	22.08	22.23	22.19	23.00
15	16QAM	1	37	22.28	22.18	22.05	23.00
15	16QAM	1	74	22.22	22.20	22.10	23.00
15	16QAM	36	0	21.07	21.19	21.14	22.00
15	16QAM	36	20	21.11	21.25	21.04	22.00
15	16QAM	36	39	21.19	21.31	21.12	22.00
15	16QAM	75	0	21.08	21.30	21.04	22.00
15	64QAM	1	0	21.14	21.30	21.14	22.00
15	64QAM	1	37	21.10	21.24	21.16	22.00
15	64QAM	1	74	21.13	21.27	21.08	22.00
15	64QAM	36	0	20.11	20.14	20.02	21.00
15	64QAM	36	20	20.32	20.22	20.14	21.00
15	64QAM	36	39	20.21	20.29	20.13	21.00
15	64QAM	75	0	20.12	20.36	20.14	21.00
15	256QAM	1	0	18.23	18.29	18.19	19.00
15	256QAM	1	37	18.11	18.21	18.09	19.00
15	256QAM	1	74	18.23	18.19	18.10	19.00
15	256QAM	36	0	18.13	18.21	18.22	19.00
15	256QAM	36	20	18.15	18.23	18.17	19.00
15	256QAM	36	39	18.12	18.24	18.07	19.00
15	256QAM	75	0	18.15	18.16	18.15	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.14	23.31	23.11	24.00
10	QPSK	1	25	23.00	23.15	23.00	24.00
10	QPSK	1	49	23.21	23.12	23.03	24.00
10	QPSK	25	0	22.18	22.27	22.18	23.00
10	QPSK	25	12	22.13	22.23	22.12	23.00
10	QPSK	25	25	22.12	22.18	22.17	23.00
10	QPSK	50	0	22.17	22.17	22.26	23.00
10	16QAM	1	0	22.19	22.27	22.10	23.00
10	16QAM	1	25	22.19	22.16	22.07	23.00
10	16QAM	1	49	22.23	22.22	22.16	23.00
10	16QAM	25	0	21.13	21.18	21.24	22.00
10	16QAM	25	12	21.07	21.24	21.14	22.00
10	16QAM	25	25	21.18	21.20	21.06	22.00
10	16QAM	50	0	21.13	21.26	20.96	22.00
10	64QAM	1	0	21.15	21.34	21.03	22.00
10	64QAM	1	25	21.13	21.24	21.18	22.00
10	64QAM	1	49	21.19	21.34	21.10	22.00
10	64QAM	25	0	20.11	20.14	20.10	21.00
10	64QAM	25	12	20.32	20.15	20.05	21.00
10	64QAM	25	25	20.14	20.32	20.17	21.00
10	64QAM	50	0	20.23	20.37	20.14	21.00
10	256QAM	1	0	18.16	18.27	18.29	19.00
10	256QAM	1	25	18.25	18.25	17.99	19.00
10	256QAM	1	49	18.21	18.20	18.15	19.00
10	256QAM	25	0	18.19	18.16	18.20	19.00
10	256QAM	25	12	18.20	18.25	18.11	19.00
10	256QAM	25	25	18.12	18.29	18.08	19.00
10	256QAM	50	0	18.11	18.20	18.18	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.18	23.25	23.12	24.00
5	QPSK	1	12	23.07	23.12	22.92	24.00
5	QPSK	1	24	23.08	23.10	23.13	24.00
5	QPSK	12	0	22.18	22.29	22.28	23.00
5	QPSK	12	7	22.09	22.23	22.11	23.00
5	QPSK	12	13	22.05	22.19	22.14	23.00
5	QPSK	25	0	22.18	22.27	22.23	23.00
5	16QAM	1	0	22.15	22.26	22.19	23.00
5	16QAM	1	12	22.21	22.21	22.05	23.00
5	16QAM	1	24	22.14	22.30	22.22	23.00
5	16QAM	12	0	21.13	21.23	21.23	22.00
5	16QAM	12	7	21.08	21.24	21.09	22.00
5	16QAM	12	13	21.11	21.31	21.16	22.00
5	16QAM	25	0	21.11	21.29	21.02	22.00
5	64QAM	1	0	21.21	21.25	21.11	22.00
5	64QAM	1	12	21.10	21.23	21.10	22.00
5	64QAM	1	24	21.23	21.31	21.16	22.00
5	64QAM	12	0	20.03	20.16	20.12	21.00
5	64QAM	12	7	20.31	20.23	20.04	21.00
5	64QAM	12	13	20.14	20.26	20.15	21.00
5	64QAM	25	0	20.14	20.27	20.10	21.00
5	256QAM	1	0	18.15	18.23	18.27	19.00
5	256QAM	1	12	18.24	18.29	18.04	19.00



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5	256QAM	1	24	18.25	18.29	18.04	19.00
5	256QAM	12	0	18.12	18.24	18.22	19.00
5	256QAM	12	7	18.15	18.24	18.16	19.00
5	256QAM	12	13	18.05	18.30	18.16	19.00
5	256QAM	25	0	18.05	18.18	18.18	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.21	23.26	23.11	24.00
3	QPSK	1	8	23.04	23.14	22.90	24.00
3	QPSK	1	14	23.10	23.17	23.05	24.00
3	QPSK	8	0	22.18	22.20	22.18	23.00
3	QPSK	8	4	22.08	22.24	22.15	23.00
3	QPSK	8	7	22.05	22.22	22.13	23.00
3	QPSK	15	0	22.11	22.16	22.22	23.00
3	16QAM	1	0	22.13	22.23	22.11	23.00
3	16QAM	1	8	22.21	22.14	22.12	23.00
3	16QAM	1	14	22.24	22.28	22.15	23.00
3	16QAM	8	0	21.20	21.27	21.22	22.00
3	16QAM	8	4	21.05	21.30	21.04	22.00
3	16QAM	8	7	21.15	21.21	21.15	22.00
3	16QAM	15	0	21.14	21.20	20.99	22.00
3	64QAM	1	0	21.19	21.35	21.04	22.00
3	64QAM	1	8	21.12	21.27	21.14	22.00
3	64QAM	1	14	21.14	21.28	21.19	22.00
3	64QAM	8	0	20.06	20.20	20.00	21.00
3	64QAM	8	4	20.20	20.17	20.12	21.00
3	64QAM	8	7	20.18	20.31	20.13	21.00
3	64QAM	15	0	20.11	20.28	20.17	21.00
3	256QAM	1	0	18.25	18.20	18.17	19.00
3	256QAM	1	8	18.23	18.20	18.00	19.00
3	256QAM	1	14	18.30	18.19	18.07	19.00
3	256QAM	8	0	18.08	18.20	18.22	19.00
3	256QAM	8	4	18.19	18.23	18.09	19.00
3	256QAM	8	7	18.06	18.31	18.06	19.00
3	256QAM	15	0	18.12	18.24	18.13	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.23	23.28	23.07	24.00
1.4	QPSK	1	3	22.98	23.15	22.99	24.00
1.4	QPSK	1	5	23.11	23.14	23.09	24.00
1.4	QPSK	3	0	23.12	23.28	23.25	24.00
1.4	QPSK	3	1	23.10	23.21	23.10	24.00
1.4	QPSK	3	3	23.05	23.18	23.09	24.00
1.4	QPSK	6	0	22.19	22.18	22.24	23.00
1.4	16QAM	1	0	22.20	22.19	22.08	23.00
1.4	16QAM	1	3	22.23	22.17	22.01	23.00
1.4	16QAM	1	5	22.12	22.19	22.11	23.00
1.4	16QAM	3	0	22.11	22.22	22.10	23.00
1.4	16QAM	3	1	22.09	22.27	22.08	23.00
1.4	16QAM	3	3	22.11	22.26	22.18	23.00
1.4	16QAM	6	0	21.15	21.24	20.99	22.00
1.4	64QAM	1	0	21.13	21.23	21.16	22.00
1.4	64QAM	1	3	21.06	21.25	21.17	22.00
1.4	64QAM	1	5	21.14	21.31	21.07	22.00
1.4	64QAM	3	0	21.06	21.12	21.09	22.00
1.4	64QAM	3	1	21.26	21.18	21.09	22.00
1.4	64QAM	3	3	21.15	21.37	21.17	22.00
1.4	64QAM	6	0	20.18	20.29	20.15	21.00
1.4	256QAM	1	0	18.19	18.23	18.24	19.00
1.4	256QAM	1	3	18.21	18.17	18.06	19.00
1.4	256QAM	1	5	18.26	18.32	18.12	19.00
1.4	256QAM	3	0	18.20	18.22	18.13	19.00
1.4	256QAM	3	1	18.18	18.24	18.07	19.00
1.4	256QAM	3	3	18.09	18.36	18.11	19.00
1.4	256QAM	6	0	18.16	18.28	18.12	19.00



【LTE Band 66_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.53	22.54	22.33	24.00
20	QPSK	1	49	22.29	22.39	22.14	24.00
20	QPSK	1	99	22.33	22.48	22.15	24.00
20	QPSK	50	0	21.50	21.55	21.32	23.00
20	QPSK	50	24	21.42	21.46	21.12	23.00
20	QPSK	50	50	21.36	21.49	21.17	23.00
20	QPSK	100	0	21.40	21.48	21.15	23.00
20	16QAM	1	0	21.63	21.76	21.45	23.00
20	16QAM	1	49	21.62	21.72	21.47	23.00
20	16QAM	1	99	21.67	21.75	21.40	23.00
20	16QAM	50	0	20.38	20.42	20.13	22.00
20	16QAM	50	24	20.35	20.39	20.14	22.00
20	16QAM	50	50	20.33	20.46	20.15	22.00
20	16QAM	100	0	20.44	20.47	20.14	22.00
20	64QAM	1	0	20.48	20.62	20.32	22.00
20	64QAM	1	49	20.42	20.54	20.22	22.00
20	64QAM	1	99	20.58	20.66	20.42	22.00
20	64QAM	50	0	19.30	19.38	19.18	21.00
20	64QAM	50	24	19.24	19.39	19.11	21.00
20	64QAM	50	50	19.38	19.46	19.26	21.00
20	64QAM	100	0	19.40	19.44	19.22	21.00
20	256QAM	1	0	17.39	17.52	17.32	19.00
20	256QAM	1	49	17.33	17.46	17.23	19.00
20	256QAM	1	99	17.47	17.61	17.37	19.00
20	256QAM	50	0	17.24	17.37	17.13	19.00
20	256QAM	50	24	17.27	17.36	17.13	19.00
20	256QAM	50	50	17.33	17.43	17.26	19.00
20	256QAM	100	0	17.38	17.41	17.17	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.50	22.42	22.27	24.00
15	QPSK	1	37	22.22	22.29	22.04	24.00
15	QPSK	1	74	22.31	22.35	22.01	24.00
15	QPSK	36	0	21.41	21.46	21.26	23.00
15	QPSK	36	20	21.31	21.38	21.04	23.00
15	QPSK	36	39	21.25	21.41	21.06	23.00
15	QPSK	75	0	21.34	21.42	21.08	23.00
15	16QAM	1	0	21.61	21.62	21.39	23.00
15	16QAM	1	37	21.50	21.64	21.41	23.00
15	16QAM	1	74	21.64	21.70	21.35	23.00
15	16QAM	36	0	20.36	20.38	20.06	22.00
15	16QAM	36	20	20.22	20.28	20.06	22.00
15	16QAM	36	39	20.22	20.31	20.10	22.00
15	16QAM	75	0	20.37	20.38	20.09	22.00
15	64QAM	1	0	20.45	20.57	20.24	22.00
15	64QAM	1	37	20.40	20.45	20.14	22.00
15	64QAM	1	74	20.50	20.58	20.36	22.00
15	64QAM	36	0	19.28	19.33	19.12	21.00
15	64QAM	36	20	19.18	19.31	19.05	21.00
15	64QAM	36	39	19.24	19.43	19.21	21.00
15	64QAM	75	0	19.31	19.38	19.12	21.00
15	256QAM	1	0	17.25	17.50	17.28	19.00
15	256QAM	1	37	17.32	17.36	17.13	19.00
15	256QAM	1	74	17.40	17.48	17.26	19.00
15	256QAM	36	0	17.20	17.34	17.06	19.00
15	256QAM	36	20	17.23	17.30	17.00	19.00
15	256QAM	36	39	17.22	17.35	17.24	19.00
15	256QAM	75	0	17.33	17.30	17.07	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.39	22.37	22.30	24.00
10	QPSK	1	25	22.19	22.28	22.06	24.00
10	QPSK	1	49	22.20	22.33	22.14	24.00
10	QPSK	25	0	21.37	21.52	21.29	23.00
10	QPSK	25	12	21.36	21.45	21.08	23.00
10	QPSK	25	25	21.22	21.47	21.08	23.00
10	QPSK	50	0	21.33	21.34	21.10	23.00
10	16QAM	1	0	21.52	21.71	21.37	23.00
10	16QAM	1	25	21.57	21.65	21.36	23.00



10	16QAM	1	49	21.54	21.72	21.36	23.00
10	16QAM	25	0	20.34	20.35	20.09	22.00
10	16QAM	25	12	20.31	20.38	20.11	22.00
10	16QAM	25	25	20.18	20.32	20.12	22.00
10	16QAM	50	0	20.29	20.45	20.10	22.00
10	64QAM	1	0	20.43	20.55	20.30	22.00
10	64QAM	1	25	20.40	20.46	20.12	22.00
10	64QAM	1	49	20.56	20.63	20.36	22.00
10	64QAM	25	0	19.21	19.23	19.08	21.00
10	64QAM	25	12	19.19	19.31	19.06	21.00
10	64QAM	25	25	19.25	19.44	19.12	21.00
10	64QAM	50	0	19.26	19.32	19.14	21.00
10	256QAM	1	0	17.27	17.47	17.26	19.00
10	256QAM	1	25	17.21	17.35	17.13	19.00
10	256QAM	1	49	17.33	17.54	17.33	19.00
10	256QAM	25	0	17.23	17.29	17.04	19.00
10	256QAM	25	12	17.15	17.33	17.11	19.00
10	256QAM	25	25	17.27	17.39	17.16	19.00
10	256QAM	50	0	17.25	17.32	17.04	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.43	22.37	22.23	24.00
5	QPSK	1	12	22.24	22.25	22.00	24.00
5	QPSK	1	24	22.32	22.33	22.04	24.00
5	QPSK	12	0	21.36	21.47	21.29	23.00
5	QPSK	12	7	21.33	21.33	21.05	23.00
5	QPSK	12	13	21.32	21.40	21.09	23.00
5	QPSK	25	0	21.30	21.44	21.00	23.00
5	16QAM	1	0	21.59	21.72	21.38	23.00
5	16QAM	1	12	21.57	21.59	21.40	23.00
5	16QAM	1	24	21.54	21.71	21.28	23.00
5	16QAM	12	0	20.29	20.38	20.04	22.00
5	16QAM	12	7	20.34	20.26	20.10	22.00
5	16QAM	12	13	20.26	20.40	20.05	22.00
5	16QAM	25	0	20.34	20.37	20.11	22.00
5	64QAM	1	0	20.46	20.51	20.22	22.00
5	64QAM	1	12	20.35	20.52	20.15	22.00
5	64QAM	1	24	20.48	20.54	20.29	22.00
5	64QAM	12	0	19.27	19.31	19.17	21.00
5	64QAM	12	7	19.12	19.26	19.01	21.00
5	64QAM	12	13	19.30	19.39	19.15	21.00
5	64QAM	25	0	19.25	19.31	19.17	21.00
5	256QAM	1	0	17.30	17.37	17.27	19.00
5	256QAM	1	12	17.32	17.40	17.13	19.00
5	256QAM	1	24	17.33	17.55	17.27	19.00
5	256QAM	12	0	17.22	17.32	17.01	19.00
5	256QAM	12	7	17.16	17.28	17.01	19.00
5	256QAM	12	13	17.26	17.33	17.11	19.00
5	256QAM	25	0	17.36	17.39	17.10	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.40	22.32	22.19	24.00
3	QPSK	1	8	22.24	22.29	22.11	24.00
3	QPSK	1	14	22.31	22.40	22.08	24.00
3	QPSK	8	0	21.46	21.42	21.23	23.00
3	QPSK	8	4	21.30	21.35	21.00	23.00
3	QPSK	8	7	21.31	21.43	21.11	23.00
3	QPSK	15	0	21.38	21.39	21.06	23.00
3	16QAM	1	0	21.56	21.64	21.36	23.00
3	16QAM	1	8	21.55	21.69	21.37	23.00
3	16QAM	1	14	21.56	21.70	21.30	23.00
3	16QAM	8	0	20.34	20.28	20.08	22.00
3	16QAM	8	4	20.24	20.35	20.10	22.00
3	16QAM	8	7	20.29	20.43	20.02	22.00
3	16QAM	15	0	20.37	20.34	20.06	22.00
3	64QAM	1	0	20.37	20.48	20.27	22.00
3	64QAM	1	8	20.34	20.40	20.20	22.00
3	64QAM	1	14	20.45	20.56	20.30	22.00
3	64QAM	8	0	19.17	19.33	19.11	21.00
3	64QAM	8	4	19.19	19.35	19.00	21.00
3	64QAM	8	7	19.32	19.35	19.17	21.00
3	64QAM	15	0	19.32	19.35	19.08	21.00
3	256QAM	1	0	17.37	17.48	17.26	19.00
3	256QAM	1	8	17.26	17.43	17.11	19.00
3	256QAM	1	14	17.40	17.54	17.26	19.00
3	256QAM	8	0	17.15	17.25	17.11	19.00
3	256QAM	8	4	17.20	17.32	17.04	19.00
3	256QAM	8	7	17.26	17.41	17.22	19.00



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3	256QAM	15	0	17.26	17.33	17.05	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.51	22.31	22.21	24.00
1.4	QPSK	1	3	22.18	22.32	22.09	24.00
1.4	QPSK	1	5	22.23	22.36	22.08	24.00
1.4	QPSK	3	0	22.41	22.40	22.29	24.00
1.4	QPSK	3	1	22.32	22.37	22.04	24.00
1.4	QPSK	3	3	22.30	22.38	22.02	24.00
1.4	QPSK	6	0	21.36	21.35	21.13	23.00
1.4	16QAM	1	0	21.59	21.73	21.37	23.00
1.4	16QAM	1	3	21.54	21.64	21.44	23.00
1.4	16QAM	1	5	21.55	21.73	21.28	23.00
1.4	16QAM	3	0	21.29	21.28	21.10	23.00
1.4	16QAM	3	1	21.34	21.25	21.07	23.00
1.4	16QAM	3	3	21.19	21.40	21.08	23.00
1.4	16QAM	6	0	20.40	20.42	20.08	22.00
1.4	64QAM	1	0	20.43	20.54	20.18	22.00
1.4	64QAM	1	3	20.35	20.44	20.08	22.00
1.4	64QAM	1	5	20.49	20.61	20.37	22.00
1.4	64QAM	3	0	20.23	20.26	20.17	22.00
1.4	64QAM	3	1	20.10	20.35	20.09	22.00
1.4	64QAM	3	3	20.23	20.36	20.17	22.00
1.4	64QAM	6	0	19.35	19.32	19.20	21.00
1.4	256QAM	1	0	17.29	17.45	17.18	19.00
1.4	256QAM	1	3	17.18	17.45	17.12	19.00
1.4	256QAM	1	5	17.43	17.46	17.27	19.00
1.4	256QAM	3	0	17.09	17.35	17.01	19.00
1.4	256QAM	3	1	17.24	17.34	17.11	19.00
1.4	256QAM	3	3	17.22	17.36	17.14	19.00
1.4	256QAM	6	0	17.24	17.30	17.04	19.00

【LTE Band 66_Ant 0_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.36	23.16	24.00
20	QPSK	1	49	23.12	23.20	23.02	24.00
20	QPSK	1	99	23.23	23.23	23.14	24.00
20	QPSK	50	0	22.24	22.33	22.29	23.00
20	QPSK	50	24	22.20	22.32	22.22	23.00
20	QPSK	50	50	22.19	22.26	22.24	23.00
20	QPSK	100	0	22.23	22.30	22.28	23.00
20	16QAM	1	0	22.23	22.32	22.21	23.00
20	16QAM	1	49	22.30	22.27	22.16	23.00
20	16QAM	1	99	22.25	22.31	22.24	23.00
20	16QAM	50	0	21.22	21.29	21.25	22.00
20	16QAM	50	24	21.19	21.36	21.17	22.00
20	16QAM	50	50	21.22	21.34	21.20	22.00
20	16QAM	100	0	21.21	21.32	21.10	22.00
20	64QAM	1	0	21.26	21.37	21.17	22.00
20	64QAM	1	49	21.19	21.30	21.21	22.00
20	64QAM	1	99	21.27	21.39	21.22	22.00
20	64QAM	50	0	20.17	20.24	20.15	21.00
20	64QAM	50	24	20.34	20.26	20.19	21.00
20	64QAM	50	50	20.23	20.39	20.21	21.00
20	64QAM	100	0	20.24	20.39	20.18	21.00
20	256QAM	1	0	18.29	18.34	18.30	19.00
20	256QAM	1	49	18.26	18.31	18.11	19.00
20	256QAM	1	99	18.31	18.33	18.18	19.00
20	256QAM	50	0	18.22	18.30	18.28	19.00
20	256QAM	50	24	18.30	18.35	18.21	19.00
20	256QAM	50	50	18.19	18.39	18.20	19.00
20	256QAM	100	0	18.20	18.30	18.23	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.27	23.28	23.10	24.00
15	QPSK	1	37	22.99	23.16	22.89	24.00
15	QPSK	1	74	23.18	23.16	22.99	24.00
15	QPSK	36	0	22.18	22.30	22.20	23.00
15	QPSK	36	20	22.16	22.18	22.20	23.00



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15	QPSK	36	39	22.16	22.24	22.10	23.00
15	QPSK	75	0	22.18	22.19	22.25	23.00
15	16QAM	1	0	22.08	22.23	22.19	23.00
15	16QAM	1	37	22.28	22.18	22.05	23.00
15	16QAM	1	74	22.22	22.20	22.10	23.00
15	16QAM	36	0	21.07	21.19	21.14	22.00
15	16QAM	36	20	21.11	21.25	21.04	22.00
15	16QAM	36	39	21.19	21.31	21.12	22.00
15	16QAM	75	0	21.08	21.30	21.04	22.00
15	64QAM	1	0	21.14	21.30	21.14	22.00
15	64QAM	1	37	21.10	21.24	21.16	22.00
15	64QAM	1	74	21.13	21.27	21.08	22.00
15	64QAM	36	0	20.11	20.14	20.02	21.00
15	64QAM	36	20	20.32	20.22	20.14	21.00
15	64QAM	36	39	20.21	20.29	20.13	21.00
15	64QAM	75	0	20.12	20.36	20.14	21.00
15	256QAM	1	0	18.23	18.29	18.19	19.00
15	256QAM	1	37	18.11	18.21	18.09	19.00
15	256QAM	1	74	18.23	18.19	18.10	19.00
15	256QAM	36	0	18.13	18.21	18.22	19.00
15	256QAM	36	20	18.15	18.23	18.17	19.00
15	256QAM	36	39	18.12	18.24	18.07	19.00
15	256QAM	75	0	18.15	18.16	18.15	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.14	23.31	23.11	24.00
10	QPSK	1	25	23.00	23.15	23.00	24.00
10	QPSK	1	49	23.21	23.12	23.03	24.00
10	QPSK	25	0	22.18	22.27	22.18	23.00
10	QPSK	25	12	22.13	22.23	22.12	23.00
10	QPSK	25	25	22.12	22.18	22.17	23.00
10	QPSK	50	0	22.17	22.17	22.26	23.00
10	16QAM	1	0	22.19	22.27	22.10	23.00
10	16QAM	1	25	22.19	22.16	22.07	23.00
10	16QAM	1	49	22.23	22.22	22.16	23.00
10	16QAM	25	0	21.13	21.18	21.24	22.00
10	16QAM	25	12	21.07	21.24	21.14	22.00
10	16QAM	25	25	21.18	21.20	21.06	22.00
10	16QAM	50	0	21.13	21.26	20.96	22.00
10	64QAM	1	0	21.15	21.34	21.03	22.00
10	64QAM	1	25	21.13	21.24	21.18	22.00
10	64QAM	1	49	21.19	21.34	21.10	22.00
10	64QAM	25	0	20.11	20.14	20.10	21.00
10	64QAM	25	12	20.32	20.15	20.05	21.00
10	64QAM	25	25	20.14	20.32	20.17	21.00
10	64QAM	50	0	20.23	20.37	20.14	21.00
10	256QAM	1	0	18.16	18.27	18.29	19.00
10	256QAM	1	25	18.25	18.25	17.99	19.00
10	256QAM	1	49	18.21	18.20	18.15	19.00
10	256QAM	25	0	18.19	18.16	18.20	19.00
10	256QAM	25	12	18.20	18.25	18.11	19.00
10	256QAM	25	25	18.12	18.29	18.08	19.00
10	256QAM	50	0	18.11	18.20	18.18	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.18	23.25	23.12	24.00
5	QPSK	1	12	23.07	23.12	22.92	24.00
5	QPSK	1	24	23.08	23.10	23.13	24.00
5	QPSK	12	0	22.18	22.29	22.28	23.00
5	QPSK	12	7	22.09	22.23	22.11	23.00
5	QPSK	12	13	22.05	22.19	22.14	23.00
5	QPSK	25	0	22.18	22.27	22.23	23.00
5	16QAM	1	0	22.15	22.26	22.19	23.00
5	16QAM	1	12	22.21	22.21	22.05	23.00
5	16QAM	1	24	22.14	22.30	22.22	23.00
5	16QAM	12	0	21.13	21.23	21.23	22.00
5	16QAM	12	7	21.08	21.24	21.09	22.00
5	16QAM	12	13	21.11	21.31	21.16	22.00
5	16QAM	25	0	21.11	21.29	21.02	22.00
5	64QAM	1	0	21.21	21.25	21.11	22.00
5	64QAM	1	12	21.10	21.23	21.10	22.00
5	64QAM	1	24	21.23	21.31	21.16	22.00
5	64QAM	12	0	20.03	20.16	20.12	21.00
5	64QAM	12	7	20.31	20.23	20.04	21.00
5	64QAM	12	13	20.14	20.26	20.15	21.00
5	64QAM	25	0	20.14	20.27	20.10	21.00
5	256QAM	1	0	18.15	18.23	18.27	19.00
5	256QAM	1	12	18.24	18.29	18.04	19.00



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5	256QAM	1	24	18.25	18.29	18.04	19.00
5	256QAM	12	0	18.12	18.24	18.22	19.00
5	256QAM	12	7	18.15	18.24	18.16	19.00
5	256QAM	12	13	18.05	18.30	18.16	19.00
5	256QAM	25	0	18.05	18.18	18.18	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.21	23.26	23.11	24.00
3	QPSK	1	8	23.04	23.14	22.90	24.00
3	QPSK	1	14	23.10	23.17	23.05	24.00
3	QPSK	8	0	22.18	22.20	22.18	23.00
3	QPSK	8	4	22.08	22.24	22.15	23.00
3	QPSK	8	7	22.05	22.22	22.13	23.00
3	QPSK	15	0	22.11	22.16	22.22	23.00
3	16QAM	1	0	22.13	22.23	22.11	23.00
3	16QAM	1	8	22.21	22.14	22.12	23.00
3	16QAM	1	14	22.24	22.28	22.15	23.00
3	16QAM	8	0	21.20	21.27	21.22	22.00
3	16QAM	8	4	21.05	21.30	21.04	22.00
3	16QAM	8	7	21.15	21.21	21.15	22.00
3	16QAM	15	0	21.14	21.20	20.99	22.00
3	64QAM	1	0	21.19	21.35	21.04	22.00
3	64QAM	1	8	21.12	21.27	21.14	22.00
3	64QAM	1	14	21.14	21.28	21.19	22.00
3	64QAM	8	0	20.06	20.20	20.00	21.00
3	64QAM	8	4	20.20	20.17	20.12	21.00
3	64QAM	8	7	20.18	20.31	20.13	21.00
3	64QAM	15	0	20.11	20.28	20.17	21.00
3	256QAM	1	0	18.25	18.20	18.17	19.00
3	256QAM	1	8	18.23	18.20	18.00	19.00
3	256QAM	1	14	18.30	18.19	18.07	19.00
3	256QAM	8	0	18.08	18.20	18.22	19.00
3	256QAM	8	4	18.19	18.23	18.09	19.00
3	256QAM	8	7	18.06	18.31	18.06	19.00
3	256QAM	15	0	18.12	18.24	18.13	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.23	23.28	23.07	24.00
1.4	QPSK	1	3	22.98	23.15	22.99	24.00
1.4	QPSK	1	5	23.11	23.14	23.09	24.00
1.4	QPSK	3	0	23.12	23.28	23.25	24.00
1.4	QPSK	3	1	23.10	23.21	23.10	24.00
1.4	QPSK	3	3	23.05	23.18	23.09	24.00
1.4	QPSK	6	0	22.19	22.18	22.24	23.00
1.4	16QAM	1	0	22.20	22.19	22.08	23.00
1.4	16QAM	1	3	22.23	22.17	22.01	23.00
1.4	16QAM	1	5	22.12	22.19	22.11	23.00
1.4	16QAM	3	0	22.11	22.22	22.10	23.00
1.4	16QAM	3	1	22.09	22.27	22.08	23.00
1.4	16QAM	3	3	22.11	22.26	22.18	23.00
1.4	16QAM	6	0	21.15	21.24	20.99	22.00
1.4	64QAM	1	0	21.13	21.23	21.16	22.00
1.4	64QAM	1	3	21.06	21.25	21.17	22.00
1.4	64QAM	1	5	21.14	21.31	21.07	22.00
1.4	64QAM	3	0	21.06	21.12	21.09	22.00
1.4	64QAM	3	1	21.26	21.18	21.09	22.00
1.4	64QAM	3	3	21.15	21.37	21.17	22.00
1.4	64QAM	6	0	20.18	20.29	20.15	21.00
1.4	256QAM	1	0	18.19	18.23	18.24	19.00
1.4	256QAM	1	3	18.21	18.17	18.06	19.00
1.4	256QAM	1	5	18.26	18.32	18.12	19.00
1.4	256QAM	3	0	18.20	18.22	18.13	19.00
1.4	256QAM	3	1	18.18	18.24	18.07	19.00
1.4	256QAM	3	3	18.09	18.36	18.11	19.00
1.4	256QAM	6	0	18.16	18.28	18.12	19.00



【LTE Band 66_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.97	17.04	17.03	17.90
20	QPSK	1	49	16.94	16.96	16.92	17.90
20	QPSK	1	99	16.91	16.95	16.96	17.90
20	QPSK	50	0	16.93	16.96	16.93	17.90
20	QPSK	50	24	16.90	16.90	16.92	17.90
20	QPSK	50	50	16.85	16.88	16.89	17.90
20	QPSK	100	0	16.89	16.94	16.92	17.90
20	16QAM	1	0	16.86	16.92	16.95	17.90
20	16QAM	1	49	16.86	16.87	16.94	17.90
20	16QAM	1	99	16.88	16.89	16.95	17.90
20	16QAM	50	0	16.86	16.96	16.94	17.90
20	16QAM	50	24	16.90	16.96	16.94	17.90
20	16QAM	50	50	16.97	16.93	16.88	17.90
20	16QAM	100	0	16.97	16.86	16.86	17.90
20	64QAM	1	0	16.97	16.90	16.90	17.90
20	64QAM	1	49	16.90	16.90	16.94	17.90
20	64QAM	1	99	16.91	16.94	16.93	17.90
20	64QAM	50	0	16.93	16.86	16.93	17.90
20	64QAM	50	24	16.94	16.92	16.95	17.90
20	64QAM	50	50	16.96	16.97	16.94	17.90
20	64QAM	100	0	16.95	16.96	16.93	17.90
20	256QAM	1	0	16.97	16.97	16.89	17.90
20	256QAM	1	49	16.97	16.87	16.88	17.90
20	256QAM	1	99	16.91	16.86	16.86	17.90
20	256QAM	50	0	16.90	16.92	16.88	17.90
20	256QAM	50	24	16.91	16.90	16.88	17.90
20	256QAM	50	50	16.93	16.90	16.94	17.90
20	256QAM	100	0	16.96	16.89	16.87	17.90
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.94	16.94	17.02	17.90
15	QPSK	1	37	16.84	16.91	16.82	17.90
15	QPSK	1	74	16.85	16.89	16.84	17.90
15	QPSK	36	0	16.91	16.90	16.82	17.90
15	QPSK	36	20	16.77	16.79	16.83	17.90
15	QPSK	36	39	16.71	16.75	16.84	17.90
15	QPSK	75	0	16.80	16.83	16.81	17.90
15	16QAM	1	0	16.72	16.81	16.81	17.90
15	16QAM	1	37	16.74	16.74	16.89	17.90
15	16QAM	1	74	16.78	16.82	16.87	17.90
15	16QAM	36	0	16.82	16.95	16.82	17.90
15	16QAM	36	20	16.80	16.83	16.86	17.90
15	16QAM	36	39	16.92	16.86	16.82	17.90
15	16QAM	75	0	16.83	16.79	16.73	17.90
15	64QAM	1	0	16.84	16.77	16.83	17.90
15	64QAM	1	37	16.83	16.77	16.79	17.90
15	64QAM	1	74	16.88	16.84	16.87	17.90
15	64QAM	36	0	16.92	16.77	16.81	17.90
15	64QAM	36	20	16.83	16.81	16.94	17.90
15	64QAM	36	39	16.93	16.88	16.91	17.90
15	64QAM	75	0	16.92	16.90	16.84	17.90
15	256QAM	1	0	16.92	16.91	16.83	17.90
15	256QAM	1	37	16.92	16.79	16.76	17.90
15	256QAM	1	74	16.85	16.72	16.77	17.90
15	256QAM	36	0	16.86	16.79	16.85	17.90
15	256QAM	36	20	16.88	16.87	16.83	17.90
15	256QAM	36	39	16.89	16.84	16.84	17.90
15	256QAM	75	0	16.81	16.82	16.81	17.90
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.94	16.98	16.98	17.90
10	QPSK	1	25	16.84	16.90	16.91	17.90
10	QPSK	1	49	16.77	16.91	16.88	17.90
10	QPSK	25	0	16.80	16.84	16.88	17.90
10	QPSK	25	12	16.86	16.85	16.80	17.90
10	QPSK	25	25	16.74	16.83	16.87	17.90
10	QPSK	50	0	16.83	16.87	16.77	17.90
10	16QAM	1	0	16.80	16.91	16.84	17.90
10	16QAM	1	25	16.81	16.79	16.80	17.90



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10	16QAM	1	49	16.86	16.83	16.85	17.90
10	16QAM	25	0	16.71	16.83	16.93	17.90
10	16QAM	25	12	16.87	16.87	16.84	17.90
10	16QAM	25	25	16.83	16.80	16.84	17.90
10	16QAM	50	0	16.92	16.80	16.81	17.90
10	64QAM	1	0	16.84	16.77	16.84	17.90
10	64QAM	1	25	16.77	16.81	16.91	17.90
10	64QAM	1	49	16.81	16.89	16.86	17.90
10	64QAM	25	0	16.85	16.72	16.81	17.90
10	64QAM	25	12	16.86	16.82	16.85	17.90
10	64QAM	25	25	16.86	16.85	16.91	17.90
10	64QAM	50	0	16.82	16.91	16.82	17.90
10	256QAM	1	0	16.85	16.94	16.84	17.90
10	256QAM	1	25	16.87	16.83	16.80	17.90
10	256QAM	1	49	16.80	16.74	16.80	17.90
10	256QAM	25	0	16.82	16.83	16.79	17.90
10	256QAM	25	12	16.87	16.79	16.86	17.90
10	256QAM	25	25	16.86	16.86	16.83	17.90
10	256QAM	50	0	16.86	16.81	16.80	17.90
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.84	16.95	16.93	17.90
5	QPSK	1	12	16.92	16.81	16.86	17.90
5	QPSK	1	24	16.88	16.88	16.82	17.90
5	QPSK	12	0	16.82	16.86	16.87	17.90
5	QPSK	12	7	16.79	16.75	16.86	17.90
5	QPSK	12	13	16.80	16.85	16.74	17.90
5	QPSK	25	0	16.74	16.86	16.81	17.90
5	16QAM	1	0	16.75	16.82	16.80	17.90
5	16QAM	1	12	16.76	16.84	16.81	17.90
5	16QAM	1	24	16.73	16.82	16.81	17.90
5	16QAM	12	0	16.72	16.90	16.84	17.90
5	16QAM	12	7	16.88	16.86	16.86	17.90
5	16QAM	12	13	16.84	16.92	16.81	17.90
5	16QAM	25	0	16.95	16.72	16.73	17.90
5	64QAM	1	0	16.84	16.87	16.87	17.90
5	64QAM	1	12	16.88	16.77	16.86	17.90
5	64QAM	1	24	16.86	16.81	16.86	17.90
5	64QAM	12	0	16.88	16.81	16.91	17.90
5	64QAM	12	7	16.80	16.89	16.84	17.90
5	64QAM	12	13	16.87	16.94	16.83	17.90
5	64QAM	25	0	16.83	16.89	16.85	17.90
5	256QAM	1	0	16.87	16.85	16.83	17.90
5	256QAM	1	12	16.92	16.81	16.76	17.90
5	256QAM	1	24	16.84	16.84	16.78	17.90
5	256QAM	12	0	16.84	16.88	16.87	17.90
5	256QAM	12	7	16.78	16.80	16.79	17.90
5	256QAM	12	13	16.85	16.89	16.88	17.90
5	256QAM	25	0	16.86	16.78	16.74	17.90
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.83	16.95	17.00	17.90
3	QPSK	1	8	16.88	16.82	16.78	17.90
3	QPSK	1	14	16.84	16.94	16.88	17.90
3	QPSK	8	0	16.86	16.92	16.79	17.90
3	QPSK	8	4	16.78	16.76	16.90	17.90
3	QPSK	8	7	16.74	16.73	16.86	17.90
3	QPSK	15	0	16.88	16.82	16.80	17.90
3	16QAM	1	0	16.77	16.87	16.83	17.90
3	16QAM	1	8	16.79	16.74	16.81	17.90
3	16QAM	1	14	16.76	16.75	16.93	17.90
3	16QAM	8	0	16.71	16.90	16.89	17.90
3	16QAM	8	4	16.83	16.82	16.79	17.90
3	16QAM	8	7	16.88	16.78	16.73	17.90
3	16QAM	15	0	16.93	16.73	16.74	17.90
3	64QAM	1	0	16.85	16.78	16.78	17.90
3	64QAM	1	8	16.83	16.88	16.86	17.90
3	64QAM	1	14	16.88	16.91	16.79	17.90
3	64QAM	8	0	16.78	16.74	16.79	17.90
3	64QAM	8	4	16.88	16.78	16.86	17.90
3	64QAM	8	7	16.89	16.93	16.87	17.90
3	64QAM	15	0	16.94	16.82	16.82	17.90
3	256QAM	1	0	16.91	16.92	16.76	17.90
3	256QAM	1	8	16.84	16.85	16.84	17.90
3	256QAM	1	14	16.89	16.79	16.73	17.90
3	256QAM	8	0	16.82	16.79	16.78	17.90
3	256QAM	8	4	16.77	16.77	16.85	17.90
3	256QAM	8	7	16.84	16.87	16.89	17.90



3	256QAM	15	0	16.95	16.80	16.76	17.90
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.84	16.91	17.01	17.90
1.4	QPSK	1	3	16.92	16.86	16.85	17.90
1.4	QPSK	1	5	16.83	16.86	16.87	17.90
1.4	QPSK	3	0	16.82	16.81	16.85	17.90
1.4	QPSK	3	1	16.82	16.88	16.83	17.90
1.4	QPSK	3	3	16.79	16.74	16.86	17.90
1.4	QPSK	6	0	16.78	16.86	16.86	17.90
1.4	16QAM	1	0	16.80	16.81	16.92	17.90
1.4	16QAM	1	3	16.78	16.76	16.92	17.90
1.4	16QAM	1	5	16.84	16.75	16.90	17.90
1.4	16QAM	3	0	16.80	16.87	16.89	17.90
1.4	16QAM	3	1	16.79	16.95	16.84	17.90
1.4	16QAM	3	3	16.90	16.83	16.75	17.90
1.4	16QAM	6	0	16.94	16.72	16.73	17.90
1.4	64QAM	1	0	16.85	16.81	16.82	17.90
1.4	64QAM	1	3	16.87	16.76	16.87	17.90
1.4	64QAM	1	5	16.86	16.79	16.90	17.90
1.4	64QAM	3	0	16.84	16.83	16.78	17.90
1.4	64QAM	3	1	16.88	16.83	16.88	17.90
1.4	64QAM	3	3	16.83	16.93	16.92	17.90
1.4	64QAM	6	0	16.88	16.94	16.84	17.90
1.4	256QAM	1	0	16.83	16.92	16.81	17.90
1.4	256QAM	1	3	16.89	16.83	16.78	17.90
1.4	256QAM	1	5	16.80	16.83	16.79	17.90
1.4	256QAM	3	0	16.78	16.89	16.85	17.90
1.4	256QAM	3	1	16.82	16.86	16.73	17.90
1.4	256QAM	3	3	16.83	16.85	16.88	17.90
1.4	256QAM	6	0	16.85	16.83	16.76	17.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.75	16.84	16.62	17.90
20	QPSK	1	49	16.70	16.81	16.61	17.90
20	QPSK	1	99	16.73	16.70	16.60	17.90
20	QPSK	50	0	16.75	16.79	16.68	17.90
20	QPSK	50	24	16.73	16.78	16.60	17.90
20	QPSK	50	50	16.69	16.72	16.58	17.90
20	QPSK	100	0	16.65	16.73	16.59	17.90
20	16QAM	1	0	16.69	16.73	16.56	17.90
20	16QAM	1	49	16.72	16.72	16.59	17.90
20	16QAM	1	99	16.71	16.78	16.56	17.90
20	16QAM	50	0	16.67	16.75	16.61	17.90
20	16QAM	50	24	16.64	16.77	16.57	17.90
20	16QAM	50	50	16.68	16.80	16.59	17.90
20	16QAM	100	0	16.67	16.71	16.59	17.90
20	64QAM	1	0	16.71	16.78	16.54	17.90
20	64QAM	1	49	16.67	16.81	16.54	17.90
20	64QAM	1	99	16.68	16.74	16.56	17.90
20	64QAM	50	0	16.70	16.81	16.52	17.90
20	64QAM	50	24	16.68	16.80	16.53	17.90
20	64QAM	50	50	16.66	16.71	16.57	17.90
20	64QAM	100	0	16.62	16.80	16.55	17.90
20	256QAM	1	0	16.62	16.70	16.62	17.90
20	256QAM	1	49	16.62	16.82	16.52	17.90
20	256QAM	1	99	16.64	16.74	16.54	17.90
20	256QAM	50	0	16.63	16.81	16.55	17.90
20	256QAM	50	24	16.65	16.79	16.59	17.90
20	256QAM	50	50	16.73	16.75	16.57	17.90
20	256QAM	100	0	16.67	16.79	16.54	17.90
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.70	16.70	16.52	17.90
15	QPSK	1	37	16.66	16.80	16.58	17.90
15	QPSK	1	74	16.59	16.66	16.50	17.90
15	QPSK	36	0	16.62	16.78	16.60	17.90
15	QPSK	36	20	16.67	16.71	16.49	17.90



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15	QPSK	36	39	16.55	16.70	16.48	17.90
15	QPSK	75	0	16.59	16.63	16.57	17.90
15	16QAM	1	0	16.62	16.69	16.43	17.90
15	16QAM	1	37	16.57	16.58	16.58	17.90
15	16QAM	1	74	16.57	16.77	16.48	17.90
15	16QAM	36	0	16.66	16.72	16.48	17.90
15	16QAM	36	20	16.52	16.75	16.52	17.90
15	16QAM	36	39	16.63	16.69	16.51	17.90
15	16QAM	75	0	16.52	16.69	16.56	17.90
15	64QAM	1	0	16.67	16.66	16.46	17.90
15	64QAM	1	37	16.59	16.76	16.48	17.90
15	64QAM	1	74	16.54	16.64	16.43	17.90
15	64QAM	36	0	16.60	16.69	16.42	17.90
15	64QAM	36	20	16.57	16.75	16.39	17.90
15	64QAM	36	39	16.56	16.67	16.55	17.90
15	64QAM	75	0	16.58	16.71	16.41	17.90
15	256QAM	1	0	16.51	16.67	16.58	17.90
15	256QAM	1	37	16.56	16.77	16.42	17.90
15	256QAM	1	74	16.61	16.71	16.42	17.90
15	256QAM	36	0	16.59	16.68	16.50	17.90
15	256QAM	36	20	16.54	16.75	16.56	17.90
15	256QAM	36	39	16.71	16.74	16.55	17.90
15	256QAM	75	0	16.64	16.71	16.45	17.90
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.62	16.72	16.57	17.90
10	QPSK	1	25	16.59	16.68	16.51	17.90
10	QPSK	1	49	16.68	16.57	16.58	17.90
10	QPSK	25	0	16.67	16.70	16.55	17.90
10	QPSK	25	12	16.69	16.67	16.46	17.90
10	QPSK	25	25	16.66	16.65	16.48	17.90
10	QPSK	50	0	16.59	16.59	16.55	17.90
10	16QAM	1	0	16.65	16.69	16.54	17.90
10	16QAM	1	25	16.57	16.64	16.47	17.90
10	16QAM	1	49	16.67	16.69	16.53	17.90
10	16QAM	25	0	16.57	16.63	16.50	17.90
10	16QAM	25	12	16.50	16.70	16.50	17.90
10	16QAM	25	25	16.54	16.65	16.56	17.90
10	16QAM	50	0	16.58	16.57	16.51	17.90
10	64QAM	1	0	16.60	16.77	16.46	17.90
10	64QAM	1	25	16.64	16.67	16.44	17.90
10	64QAM	1	49	16.56	16.67	16.54	17.90
10	64QAM	25	0	16.64	16.68	16.42	17.90
10	64QAM	25	12	16.54	16.66	16.51	17.90
10	64QAM	25	25	16.58	16.66	16.54	17.90
10	64QAM	50	0	16.60	16.67	16.41	17.90
10	256QAM	1	0	16.57	16.56	16.48	17.90
10	256QAM	1	25	16.61	16.67	16.45	17.90
10	256QAM	1	49	16.56	16.73	16.44	17.90
10	256QAM	25	0	16.60	16.67	16.42	17.90
10	256QAM	25	12	16.52	16.76	16.48	17.90
10	256QAM	25	25	16.67	16.64	16.54	17.90
10	256QAM	50	0	16.54	16.64	16.44	17.90
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.64	16.82	16.49	17.90
5	QPSK	1	12	16.57	16.67	16.54	17.90
5	QPSK	1	24	16.67	16.63	16.57	17.90
5	QPSK	12	0	16.68	16.64	16.60	17.90
5	QPSK	12	7	16.68	16.70	16.52	17.90
5	QPSK	12	13	16.55	16.64	16.56	17.90
5	QPSK	25	0	16.61	16.67	16.46	17.90
5	16QAM	1	0	16.65	16.70	16.43	17.90
5	16QAM	1	12	16.71	16.60	16.47	17.90
5	16QAM	1	24	16.69	16.73	16.51	17.90
5	16QAM	12	0	16.60	16.67	16.54	17.90
5	16QAM	12	7	16.49	16.73	16.52	17.90
5	16QAM	12	13	16.63	16.67	16.52	17.90
5	16QAM	25	0	16.62	16.69	16.52	17.90
5	64QAM	1	0	16.67	16.75	16.46	17.90
5	64QAM	1	12	16.63	16.78	16.41	17.90
5	64QAM	1	24	16.58	16.61	16.44	17.90
5	64QAM	12	0	16.56	16.73	16.44	17.90
5	64QAM	12	7	16.64	16.72	16.40	17.90
5	64QAM	12	13	16.63	16.59	16.50	17.90
5	64QAM	25	0	16.49	16.69	16.41	17.90
5	256QAM	1	0	16.57	16.58	16.51	17.90
5	256QAM	1	12	16.60	16.70	16.41	17.90



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5	256QAM	1	24	16.62	16.65	16.51	17.90
5	256QAM	12	0	16.55	16.80	16.51	17.90
5	256QAM	12	7	16.55	16.77	16.46	17.90
5	256QAM	12	13	16.58	16.61	16.42	17.90
5	256QAM	25	0	16.55	16.75	16.46	17.90
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.68	16.76	16.59	17.90
3	QPSK	1	8	16.62	16.70	16.56	17.90
3	QPSK	1	14	16.72	16.62	16.46	17.90
3	QPSK	8	0	16.62	16.75	16.61	17.90
3	QPSK	8	4	16.65	16.68	16.58	17.90
3	QPSK	8	7	16.56	16.67	16.54	17.90
3	QPSK	15	0	16.54	16.67	16.57	17.90
3	16QAM	1	0	16.65	16.66	16.54	17.90
3	16QAM	1	8	16.64	16.61	16.55	17.90
3	16QAM	1	14	16.57	16.67	16.55	17.90
3	16QAM	8	0	16.54	16.65	16.58	17.90
3	16QAM	8	4	16.52	16.64	16.43	17.90
3	16QAM	8	7	16.66	16.79	16.50	17.90
3	16QAM	15	0	16.57	16.65	16.50	17.90
3	64QAM	1	0	16.67	16.74	16.52	17.90
3	64QAM	1	8	16.61	16.72	16.40	17.90
3	64QAM	1	14	16.65	16.66	16.50	17.90
3	64QAM	8	0	16.59	16.76	16.43	17.90
3	64QAM	8	4	16.59	16.66	16.44	17.90
3	64QAM	8	7	16.51	16.59	16.50	17.90
3	64QAM	15	0	16.56	16.70	16.50	17.90
3	256QAM	1	0	16.61	16.65	16.54	17.90
3	256QAM	1	8	16.55	16.70	16.46	17.90
3	256QAM	1	14	16.52	16.65	16.43	17.90
3	256QAM	8	0	16.58	16.69	16.43	17.90
3	256QAM	8	4	16.62	16.76	16.52	17.90
3	256QAM	8	7	16.69	16.69	16.53	17.90
3	256QAM	15	0	16.56	16.73	16.43	17.90
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.61	16.78	16.51	17.90
1.4	QPSK	1	3	16.68	16.74	16.56	17.90
1.4	QPSK	1	5	16.65	16.62	16.46	17.90
1.4	QPSK	3	0	16.63	16.67	16.56	17.90
1.4	QPSK	3	1	16.71	16.75	16.50	17.90
1.4	QPSK	3	3	16.68	16.65	16.46	17.90
1.4	QPSK	6	0	16.51	16.59	16.56	17.90
1.4	16QAM	1	0	16.64	16.59	16.41	17.90
1.4	16QAM	1	3	16.65	16.65	16.58	17.90
1.4	16QAM	1	5	16.58	16.72	16.45	17.90
1.4	16QAM	3	0	16.60	16.73	16.47	17.90
1.4	16QAM	3	1	16.50	16.65	16.50	17.90
1.4	16QAM	3	3	16.56	16.78	16.50	17.90
1.4	16QAM	6	0	16.53	16.64	16.46	17.90
1.4	64QAM	1	0	16.66	16.67	16.51	17.90
1.4	64QAM	1	3	16.63	16.73	16.42	17.90
1.4	64QAM	1	5	16.65	16.61	16.49	17.90
1.4	64QAM	3	0	16.56	16.67	16.39	17.90
1.4	64QAM	3	1	16.64	16.66	16.39	17.90
1.4	64QAM	3	3	16.58	16.69	16.54	17.90
1.4	64QAM	6	0	16.60	16.71	16.52	17.90
1.4	256QAM	1	0	16.52	16.60	16.52	17.90
1.4	256QAM	1	3	16.48	16.69	16.44	17.90
1.4	256QAM	1	5	16.62	16.64	16.42	17.90
1.4	256QAM	3	0	16.55	16.79	16.49	17.90
1.4	256QAM	3	1	16.55	16.65	16.52	17.90
1.4	256QAM	3	3	16.70	16.68	16.55	17.90
1.4	256QAM	6	0	16.54	16.68	16.41	17.90



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.53	22.54	22.33	24.00
20	QPSK	1	49	22.29	22.39	22.14	24.00
20	QPSK	1	99	22.33	22.48	22.15	24.00
20	QPSK	50	0	21.50	21.55	21.32	23.00
20	QPSK	50	24	21.42	21.46	21.12	23.00
20	QPSK	50	50	21.36	21.49	21.17	23.00
20	QPSK	100	0	21.40	21.48	21.15	23.00
20	16QAM	1	0	21.63	21.76	21.45	23.00
20	16QAM	1	49	21.62	21.72	21.47	23.00
20	16QAM	1	99	21.67	21.75	21.40	23.00
20	16QAM	50	0	20.38	20.42	20.13	22.00
20	16QAM	50	24	20.35	20.39	20.14	22.00
20	16QAM	50	50	20.33	20.46	20.15	22.00
20	16QAM	100	0	20.44	20.47	20.14	22.00
20	64QAM	1	0	20.48	20.62	20.32	22.00
20	64QAM	1	49	20.42	20.54	20.22	22.00
20	64QAM	1	99	20.58	20.66	20.42	22.00
20	64QAM	50	0	19.30	19.38	19.18	21.00
20	64QAM	50	24	19.24	19.39	19.11	21.00
20	64QAM	50	50	19.38	19.46	19.26	21.00
20	64QAM	100	0	19.40	19.44	19.22	21.00
20	256QAM	1	0	17.39	17.52	17.32	19.00
20	256QAM	1	49	17.33	17.46	17.23	19.00
20	256QAM	1	99	17.47	17.61	17.37	19.00
20	256QAM	50	0	17.24	17.37	17.13	19.00
20	256QAM	50	24	17.27	17.36	17.13	19.00
20	256QAM	50	50	17.33	17.43	17.26	19.00
20	256QAM	100	0	17.38	17.41	17.17	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.50	22.42	22.27	24.00
15	QPSK	1	37	22.22	22.29	22.04	24.00
15	QPSK	1	74	22.31	22.35	22.01	24.00
15	QPSK	36	0	21.41	21.46	21.26	23.00
15	QPSK	36	20	21.31	21.38	21.04	23.00
15	QPSK	36	39	21.25	21.41	21.06	23.00
15	QPSK	75	0	21.34	21.42	21.08	23.00
15	16QAM	1	0	21.61	21.62	21.39	23.00
15	16QAM	1	37	21.50	21.64	21.41	23.00
15	16QAM	1	74	21.64	21.70	21.35	23.00
15	16QAM	36	0	20.36	20.38	20.06	22.00
15	16QAM	36	20	20.22	20.28	20.06	22.00
15	16QAM	36	39	20.22	20.31	20.10	22.00
15	16QAM	75	0	20.37	20.38	20.09	22.00
15	64QAM	1	0	20.45	20.57	20.24	22.00
15	64QAM	1	37	20.40	20.45	20.14	22.00
15	64QAM	1	74	20.50	20.58	20.36	22.00
15	64QAM	36	0	19.28	19.33	19.12	21.00
15	64QAM	36	20	19.18	19.31	19.05	21.00
15	64QAM	36	39	19.24	19.43	19.21	21.00
15	64QAM	75	0	19.31	19.38	19.12	21.00
15	256QAM	1	0	17.25	17.50	17.28	19.00
15	256QAM	1	37	17.32	17.36	17.13	19.00
15	256QAM	1	74	17.40	17.48	17.26	19.00
15	256QAM	36	0	17.20	17.34	17.06	19.00
15	256QAM	36	20	17.23	17.30	17.00	19.00
15	256QAM	36	39	17.22	17.35	17.24	19.00
15	256QAM	75	0	17.33	17.30	17.07	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.39	22.37	22.30	24.00
10	QPSK	1	25	22.19	22.28	22.06	24.00
10	QPSK	1	49	22.20	22.33	22.14	24.00
10	QPSK	25	0	21.37	21.52	21.29	23.00
10	QPSK	25	12	21.36	21.45	21.08	23.00
10	QPSK	25	25	21.22	21.47	21.08	23.00
10	QPSK	50	0	21.33	21.34	21.10	23.00
10	16QAM	1	0	21.52	21.71	21.37	23.00
10	16QAM	1	25	21.57	21.65	21.36	23.00



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10	16QAM	1	49	21.54	21.72	21.36	23.00
10	16QAM	25	0	20.34	20.35	20.09	22.00
10	16QAM	25	12	20.31	20.38	20.11	22.00
10	16QAM	25	25	20.18	20.32	20.12	22.00
10	16QAM	50	0	20.29	20.45	20.10	22.00
10	64QAM	1	0	20.43	20.55	20.30	22.00
10	64QAM	1	25	20.40	20.46	20.12	22.00
10	64QAM	1	49	20.56	20.63	20.36	22.00
10	64QAM	25	0	19.21	19.23	19.08	21.00
10	64QAM	25	12	19.19	19.31	19.06	21.00
10	64QAM	25	25	19.25	19.44	19.12	21.00
10	64QAM	50	0	19.26	19.32	19.14	21.00
10	256QAM	1	0	17.27	17.47	17.26	19.00
10	256QAM	1	25	17.21	17.35	17.13	19.00
10	256QAM	1	49	17.33	17.54	17.33	19.00
10	256QAM	25	0	17.23	17.29	17.04	19.00
10	256QAM	25	12	17.15	17.33	17.11	19.00
10	256QAM	25	25	17.27	17.39	17.16	19.00
10	256QAM	50	0	17.25	17.32	17.04	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.43	22.37	22.23	24.00
5	QPSK	1	12	22.24	22.25	22.00	24.00
5	QPSK	1	24	22.32	22.33	22.04	24.00
5	QPSK	12	0	21.36	21.47	21.29	23.00
5	QPSK	12	7	21.33	21.33	21.05	23.00
5	QPSK	12	13	21.32	21.40	21.09	23.00
5	QPSK	25	0	21.30	21.44	21.00	23.00
5	16QAM	1	0	21.59	21.72	21.38	23.00
5	16QAM	1	12	21.57	21.59	21.40	23.00
5	16QAM	1	24	21.54	21.71	21.28	23.00
5	16QAM	12	0	20.29	20.38	20.04	22.00
5	16QAM	12	7	20.34	20.26	20.10	22.00
5	16QAM	12	13	20.26	20.40	20.05	22.00
5	16QAM	25	0	20.34	20.37	20.11	22.00
5	64QAM	1	0	20.46	20.51	20.22	22.00
5	64QAM	1	12	20.35	20.52	20.15	22.00
5	64QAM	1	24	20.48	20.54	20.29	22.00
5	64QAM	12	0	19.27	19.31	19.17	21.00
5	64QAM	12	7	19.12	19.26	19.01	21.00
5	64QAM	12	13	19.30	19.39	19.15	21.00
5	64QAM	25	0	19.25	19.31	19.17	21.00
5	256QAM	1	0	17.30	17.37	17.27	19.00
5	256QAM	1	12	17.32	17.40	17.13	19.00
5	256QAM	1	24	17.33	17.55	17.27	19.00
5	256QAM	12	0	17.22	17.32	17.01	19.00
5	256QAM	12	7	17.16	17.28	17.01	19.00
5	256QAM	12	13	17.26	17.33	17.11	19.00
5	256QAM	25	0	17.36	17.39	17.10	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.40	22.32	22.19	24.00
3	QPSK	1	8	22.24	22.29	22.11	24.00
3	QPSK	1	14	22.31	22.40	22.08	24.00
3	QPSK	8	0	21.46	21.42	21.23	23.00
3	QPSK	8	4	21.30	21.35	21.00	23.00
3	QPSK	8	7	21.31	21.43	21.11	23.00
3	QPSK	15	0	21.38	21.39	21.06	23.00
3	16QAM	1	0	21.56	21.64	21.36	23.00
3	16QAM	1	8	21.55	21.69	21.37	23.00
3	16QAM	1	14	21.56	21.70	21.30	23.00
3	16QAM	8	0	20.34	20.28	20.08	22.00
3	16QAM	8	4	20.24	20.35	20.10	22.00
3	16QAM	8	7	20.29	20.43	20.02	22.00
3	16QAM	15	0	20.37	20.34	20.06	22.00
3	64QAM	1	0	20.37	20.48	20.27	22.00
3	64QAM	1	8	20.34	20.40	20.20	22.00
3	64QAM	1	14	20.45	20.56	20.30	22.00
3	64QAM	8	0	19.17	19.33	19.11	21.00
3	64QAM	8	4	19.19	19.35	19.00	21.00
3	64QAM	8	7	19.32	19.35	19.17	21.00
3	64QAM	15	0	19.32	19.35	19.08	21.00
3	256QAM	1	0	17.37	17.48	17.26	19.00
3	256QAM	1	8	17.26	17.43	17.11	19.00
3	256QAM	1	14	17.40	17.54	17.26	19.00
3	256QAM	8	0	17.15	17.25	17.11	19.00
3	256QAM	8	4	17.20	17.32	17.04	19.00
3	256QAM	8	7	17.26	17.41	17.22	19.00



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3	256QAM	15	0	17.26	17.33	17.05	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.51	22.31	22.21	24.00
1.4	QPSK	1	3	22.18	22.32	22.09	24.00
1.4	QPSK	1	5	22.23	22.36	22.08	24.00
1.4	QPSK	3	0	22.41	22.40	22.29	24.00
1.4	QPSK	3	1	22.32	22.37	22.04	24.00
1.4	QPSK	3	3	22.30	22.38	22.02	24.00
1.4	QPSK	6	0	21.36	21.35	21.13	23.00
1.4	16QAM	1	0	21.59	21.73	21.37	23.00
1.4	16QAM	1	3	21.54	21.64	21.44	23.00
1.4	16QAM	1	5	21.55	21.73	21.28	23.00
1.4	16QAM	3	0	21.29	21.28	21.10	23.00
1.4	16QAM	3	1	21.34	21.25	21.07	23.00
1.4	16QAM	3	3	21.19	21.40	21.08	23.00
1.4	16QAM	6	0	20.40	20.42	20.08	22.00
1.4	64QAM	1	0	20.43	20.54	20.18	22.00
1.4	64QAM	1	3	20.35	20.44	20.08	22.00
1.4	64QAM	1	5	20.49	20.61	20.37	22.00
1.4	64QAM	3	0	20.23	20.26	20.17	22.00
1.4	64QAM	3	1	20.10	20.35	20.09	22.00
1.4	64QAM	3	3	20.23	20.36	20.17	22.00
1.4	64QAM	6	0	19.35	19.32	19.20	21.00
1.4	256QAM	1	0	17.29	17.45	17.18	19.00
1.4	256QAM	1	3	17.18	17.45	17.12	19.00
1.4	256QAM	1	5	17.43	17.46	17.27	19.00
1.4	256QAM	3	0	17.09	17.35	17.01	19.00
1.4	256QAM	3	1	17.24	17.34	17.11	19.00
1.4	256QAM	3	3	17.22	17.36	17.14	19.00
1.4	256QAM	6	0	17.24	17.30	17.04	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	23.28	23.36	23.16	24.00
20	QPSK	1	49	23.12	23.20	23.02	24.00
20	QPSK	1	99	23.23	23.23	23.14	24.00
20	QPSK	50	0	22.24	22.33	22.29	23.00
20	QPSK	50	24	22.20	22.32	22.22	23.00
20	QPSK	50	50	22.19	22.26	22.24	23.00
20	QPSK	100	0	22.23	22.30	22.28	23.00
20	16QAM	1	0	22.23	22.32	22.21	23.00
20	16QAM	1	49	22.30	22.27	22.16	23.00
20	16QAM	1	99	22.25	22.31	22.24	23.00
20	16QAM	50	0	21.22	21.29	21.25	22.00
20	16QAM	50	24	21.19	21.36	21.17	22.00
20	16QAM	50	50	21.22	21.34	21.20	22.00
20	16QAM	100	0	21.21	21.32	21.10	22.00
20	64QAM	1	0	21.26	21.37	21.17	22.00
20	64QAM	1	49	21.19	21.30	21.21	22.00
20	64QAM	1	99	21.27	21.39	21.22	22.00
20	64QAM	50	0	20.17	20.24	20.15	21.00
20	64QAM	50	24	20.34	20.26	20.19	21.00
20	64QAM	50	50	20.23	20.39	20.21	21.00
20	64QAM	100	0	20.24	20.39	20.18	21.00
20	256QAM	1	0	18.29	18.34	18.30	19.00
20	256QAM	1	49	18.26	18.31	18.11	19.00
20	256QAM	1	99	18.31	18.33	18.18	19.00
20	256QAM	50	0	18.22	18.30	18.28	19.00
20	256QAM	50	24	18.30	18.35	18.21	19.00
20	256QAM	50	50	18.19	18.39	18.20	19.00
20	256QAM	100	0	18.20	18.30	18.23	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.27	23.28	23.10	24.00
15	QPSK	1	37	22.99	23.16	22.89	24.00
15	QPSK	1	74	23.18	23.16	22.99	24.00
15	QPSK	36	0	22.18	22.30	22.20	23.00
15	QPSK	36	20	22.16	22.18	22.20	23.00



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15	QPSK	36	39	22.16	22.24	22.10	23.00
15	QPSK	75	0	22.18	22.19	22.25	23.00
15	16QAM	1	0	22.08	22.23	22.19	23.00
15	16QAM	1	37	22.28	22.18	22.05	23.00
15	16QAM	1	74	22.22	22.20	22.10	23.00
15	16QAM	36	0	21.07	21.19	21.14	22.00
15	16QAM	36	20	21.11	21.25	21.04	22.00
15	16QAM	36	39	21.19	21.31	21.12	22.00
15	16QAM	75	0	21.08	21.30	21.04	22.00
15	64QAM	1	0	21.14	21.30	21.14	22.00
15	64QAM	1	37	21.10	21.24	21.16	22.00
15	64QAM	1	74	21.13	21.27	21.08	22.00
15	64QAM	36	0	20.11	20.14	20.02	21.00
15	64QAM	36	20	20.32	20.22	20.14	21.00
15	64QAM	36	39	20.21	20.29	20.13	21.00
15	64QAM	75	0	20.12	20.36	20.14	21.00
15	256QAM	1	0	18.23	18.29	18.19	19.00
15	256QAM	1	37	18.11	18.21	18.09	19.00
15	256QAM	1	74	18.23	18.19	18.10	19.00
15	256QAM	36	0	18.13	18.21	18.22	19.00
15	256QAM	36	20	18.15	18.23	18.17	19.00
15	256QAM	36	39	18.12	18.24	18.07	19.00
15	256QAM	75	0	18.15	18.16	18.15	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.14	23.31	23.11	24.00
10	QPSK	1	25	23.00	23.15	23.00	24.00
10	QPSK	1	49	23.21	23.12	23.03	24.00
10	QPSK	25	0	22.18	22.27	22.18	23.00
10	QPSK	25	12	22.13	22.23	22.12	23.00
10	QPSK	25	25	22.12	22.18	22.17	23.00
10	QPSK	50	0	22.17	22.17	22.26	23.00
10	16QAM	1	0	22.19	22.27	22.10	23.00
10	16QAM	1	25	22.19	22.16	22.07	23.00
10	16QAM	1	49	22.23	22.22	22.16	23.00
10	16QAM	25	0	21.13	21.18	21.24	22.00
10	16QAM	25	12	21.07	21.24	21.14	22.00
10	16QAM	25	25	21.18	21.20	21.06	22.00
10	16QAM	50	0	21.13	21.26	20.96	22.00
10	64QAM	1	0	21.15	21.34	21.03	22.00
10	64QAM	1	25	21.13	21.24	21.18	22.00
10	64QAM	1	49	21.19	21.34	21.10	22.00
10	64QAM	25	0	20.11	20.14	20.10	21.00
10	64QAM	25	12	20.32	20.15	20.05	21.00
10	64QAM	25	25	20.14	20.32	20.17	21.00
10	64QAM	50	0	20.23	20.37	20.14	21.00
10	256QAM	1	0	18.16	18.27	18.29	19.00
10	256QAM	1	25	18.25	18.25	17.99	19.00
10	256QAM	1	49	18.21	18.20	18.15	19.00
10	256QAM	25	0	18.19	18.16	18.20	19.00
10	256QAM	25	12	18.20	18.25	18.11	19.00
10	256QAM	25	25	18.12	18.29	18.08	19.00
10	256QAM	50	0	18.11	18.20	18.18	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.18	23.25	23.12	24.00
5	QPSK	1	12	23.07	23.12	22.92	24.00
5	QPSK	1	24	23.08	23.10	23.13	24.00
5	QPSK	12	0	22.18	22.29	22.28	23.00
5	QPSK	12	7	22.09	22.23	22.11	23.00
5	QPSK	12	13	22.05	22.19	22.14	23.00
5	QPSK	25	0	22.18	22.27	22.23	23.00
5	16QAM	1	0	22.15	22.26	22.19	23.00
5	16QAM	1	12	22.21	22.21	22.05	23.00
5	16QAM	1	24	22.14	22.30	22.22	23.00
5	16QAM	12	0	21.13	21.23	21.23	22.00
5	16QAM	12	7	21.08	21.24	21.09	22.00
5	16QAM	12	13	21.11	21.31	21.16	22.00
5	16QAM	25	0	21.11	21.29	21.02	22.00
5	64QAM	1	0	21.21	21.25	21.11	22.00
5	64QAM	1	12	21.10	21.23	21.10	22.00
5	64QAM	1	24	21.23	21.31	21.16	22.00
5	64QAM	12	0	20.03	20.16	20.12	21.00
5	64QAM	12	7	20.31	20.23	20.04	21.00
5	64QAM	12	13	20.14	20.26	20.15	21.00
5	64QAM	25	0	20.14	20.27	20.10	21.00
5	256QAM	1	0	18.15	18.23	18.27	19.00
5	256QAM	1	12	18.24	18.29	18.04	19.00



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5	256QAM	1	24	18.25	18.29	18.04	19.00
5	256QAM	12	0	18.12	18.24	18.22	19.00
5	256QAM	12	7	18.15	18.24	18.16	19.00
5	256QAM	12	13	18.05	18.30	18.16	19.00
5	256QAM	25	0	18.05	18.18	18.18	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.21	23.26	23.11	24.00
3	QPSK	1	8	23.04	23.14	22.90	24.00
3	QPSK	1	14	23.10	23.17	23.05	24.00
3	QPSK	8	0	22.18	22.20	22.18	23.00
3	QPSK	8	4	22.08	22.24	22.15	23.00
3	QPSK	8	7	22.05	22.22	22.13	23.00
3	QPSK	15	0	22.11	22.16	22.22	23.00
3	16QAM	1	0	22.13	22.23	22.11	23.00
3	16QAM	1	8	22.21	22.14	22.12	23.00
3	16QAM	1	14	22.24	22.28	22.15	23.00
3	16QAM	8	0	21.20	21.27	21.22	22.00
3	16QAM	8	4	21.05	21.30	21.04	22.00
3	16QAM	8	7	21.15	21.21	21.15	22.00
3	16QAM	15	0	21.14	21.20	20.99	22.00
3	64QAM	1	0	21.19	21.35	21.04	22.00
3	64QAM	1	8	21.12	21.27	21.14	22.00
3	64QAM	1	14	21.14	21.28	21.19	22.00
3	64QAM	8	0	20.06	20.20	20.00	21.00
3	64QAM	8	4	20.20	20.17	20.12	21.00
3	64QAM	8	7	20.18	20.31	20.13	21.00
3	64QAM	15	0	20.11	20.28	20.17	21.00
3	256QAM	1	0	18.25	18.20	18.17	19.00
3	256QAM	1	8	18.23	18.20	18.00	19.00
3	256QAM	1	14	18.30	18.19	18.07	19.00
3	256QAM	8	0	18.08	18.20	18.22	19.00
3	256QAM	8	4	18.19	18.23	18.09	19.00
3	256QAM	8	7	18.06	18.31	18.06	19.00
3	256QAM	15	0	18.12	18.24	18.13	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.23	23.28	23.07	24.00
1.4	QPSK	1	3	22.98	23.15	22.99	24.00
1.4	QPSK	1	5	23.11	23.14	23.09	24.00
1.4	QPSK	3	0	23.12	23.28	23.25	24.00
1.4	QPSK	3	1	23.10	23.21	23.10	24.00
1.4	QPSK	3	3	23.05	23.18	23.09	24.00
1.4	QPSK	6	0	22.19	22.18	22.24	23.00
1.4	16QAM	1	0	22.20	22.19	22.08	23.00
1.4	16QAM	1	3	22.23	22.17	22.01	23.00
1.4	16QAM	1	5	22.12	22.19	22.11	23.00
1.4	16QAM	3	0	22.11	22.22	22.10	23.00
1.4	16QAM	3	1	22.09	22.27	22.08	23.00
1.4	16QAM	3	3	22.11	22.26	22.18	23.00
1.4	16QAM	6	0	21.15	21.24	20.99	22.00
1.4	64QAM	1	0	21.13	21.23	21.16	22.00
1.4	64QAM	1	3	21.06	21.25	21.17	22.00
1.4	64QAM	1	5	21.14	21.31	21.07	22.00
1.4	64QAM	3	0	21.06	21.12	21.09	22.00
1.4	64QAM	3	1	21.26	21.18	21.09	22.00
1.4	64QAM	3	3	21.15	21.37	21.17	22.00
1.4	64QAM	6	0	20.18	20.29	20.15	21.00
1.4	256QAM	1	0	18.19	18.23	18.24	19.00
1.4	256QAM	1	3	18.21	18.17	18.06	19.00
1.4	256QAM	1	5	18.26	18.32	18.12	19.00
1.4	256QAM	3	0	18.20	18.22	18.13	19.00
1.4	256QAM	3	1	18.18	18.24	18.07	19.00
1.4	256QAM	3	3	18.09	18.36	18.11	19.00
1.4	256QAM	6	0	18.16	18.28	18.12	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	19.98	20.04	20.01	21.20
20	QPSK	1	49	19.95	19.88	19.88	21.20
20	QPSK	1	99	19.88	19.88	19.84	21.20
20	QPSK	50	0	19.92	19.98	19.96	21.20
20	QPSK	50	24	19.91	19.83	19.83	21.20
20	QPSK	50	50	19.86	19.90	19.94	21.20
20	QPSK	100	0	19.87	19.92	19.84	21.20
20	16QAM	1	0	19.91	19.90	19.87	21.20
20	16QAM	1	49	19.85	19.85	19.88	21.20
20	16QAM	1	99	19.88	19.84	19.92	21.20
20	16QAM	50	0	19.87	19.90	19.83	21.20
20	16QAM	50	24	19.83	19.89	19.84	21.20
20	16QAM	50	50	19.89	19.83	19.89	21.20
20	16QAM	100	0	19.92	19.91	19.93	21.20
20	64QAM	1	0	19.95	19.88	19.84	21.20
20	64QAM	1	49	19.86	19.88	19.92	21.20
20	64QAM	1	99	19.92	19.84	19.83	21.20
20	64QAM	50	0	19.30	19.38	19.18	20.70
20	64QAM	50	24	19.24	19.39	19.11	20.70
20	64QAM	50	50	19.38	19.46	19.26	20.70
20	64QAM	100	0	19.40	19.44	19.22	20.70
20	256QAM	1	0	17.39	17.52	17.32	18.70
20	256QAM	1	49	17.33	17.46	17.23	18.70
20	256QAM	1	99	17.47	17.61	17.37	18.70
20	256QAM	50	0	17.24	17.37	17.13	18.70
20	256QAM	50	24	17.27	17.36	17.13	18.70
20	256QAM	50	50	17.33	17.43	17.26	18.70
20	256QAM	100	0	17.38	17.41	17.17	18.70
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.84	19.97	20.00	21.20
15	QPSK	1	37	19.89	19.84	19.85	21.20
15	QPSK	1	74	19.75	19.79	19.83	21.20
15	QPSK	36	0	19.86	19.86	19.84	21.20
15	QPSK	36	20	19.80	19.81	19.73	21.20
15	QPSK	36	39	19.73	19.87	19.90	21.20
15	QPSK	75	0	19.76	19.85	19.77	21.20
15	16QAM	1	0	19.81	19.89	19.72	21.20
15	16QAM	1	37	19.80	19.73	19.75	21.20
15	16QAM	1	74	19.73	19.70	19.90	21.20
15	16QAM	36	0	19.77	19.86	19.78	21.20
15	16QAM	36	20	19.79	19.80	19.83	21.20
15	16QAM	36	39	19.80	19.75	19.84	21.20
15	16QAM	75	0	19.82	19.87	19.91	21.20
15	64QAM	1	0	19.88	19.79	19.78	21.20
15	64QAM	1	37	19.72	19.80	19.78	21.20
15	64QAM	1	74	19.87	19.77	19.77	21.20
15	64QAM	36	0	19.21	19.24	19.08	20.70
15	64QAM	36	20	19.17	19.34	18.98	20.70
15	64QAM	36	39	19.30	19.37	19.12	20.70
15	64QAM	75	0	19.38	19.33	19.15	20.70
15	256QAM	1	0	17.33	17.48	17.25	18.70
15	256QAM	1	37	17.31	17.36	17.17	18.70
15	256QAM	1	74	17.44	17.58	17.33	18.70
15	256QAM	36	0	17.21	17.23	17.04	18.70
15	256QAM	36	20	17.22	17.21	16.99	18.70
15	256QAM	36	39	17.30	17.38	17.21	18.70
15	256QAM	75	0	17.25	17.31	17.04	18.70
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.93	19.94	19.89	21.20
10	QPSK	1	25	19.81	19.80	19.78	21.20
10	QPSK	1	49	19.83	19.78	19.81	21.20
10	QPSK	25	0	19.85	19.84	19.92	21.20
10	QPSK	25	12	19.77	19.73	19.68	21.20
10	QPSK	25	25	19.71	19.81	19.87	21.20
10	QPSK	50	0	19.76	19.88	19.82	21.20
10	16QAM	1	0	19.77	19.76	19.85	21.20
10	16QAM	1	25	19.74	19.77	19.83	21.20



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10	16QAM	1	49	19.84	19.75	19.86	21.20
10	16QAM	25	0	19.72	19.77	19.81	21.20
10	16QAM	25	12	19.71	19.81	19.69	21.20
10	16QAM	25	25	19.75	19.69	19.80	21.20
10	16QAM	50	0	19.85	19.81	19.86	21.20
10	64QAM	1	0	19.93	19.79	19.71	21.20
10	64QAM	1	25	19.74	19.77	19.82	21.20
10	64QAM	1	49	19.79	19.69	19.72	21.20
10	64QAM	25	0	19.16	19.27	19.15	20.70
10	64QAM	25	12	19.19	19.37	19.05	20.70
10	64QAM	25	25	19.31	19.34	19.14	20.70
10	64QAM	50	0	19.33	19.32	19.19	20.70
10	256QAM	1	0	17.30	17.46	17.19	18.70
10	256QAM	1	25	17.24	17.45	17.12	18.70
10	256QAM	1	49	17.43	17.52	17.34	18.70
10	256QAM	25	0	17.22	17.34	17.11	18.70
10	256QAM	25	12	17.14	17.24	17.10	18.70
10	256QAM	25	25	17.29	17.29	17.17	18.70
10	256QAM	50	0	17.29	17.33	17.04	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.93	20.03	19.92	21.20
5	QPSK	1	12	19.94	19.78	19.84	21.20
5	QPSK	1	24	19.81	19.76	19.79	21.20
5	QPSK	12	0	19.90	19.96	19.85	21.20
5	QPSK	12	7	19.82	19.74	19.70	21.20
5	QPSK	12	13	19.83	19.83	19.82	21.20
5	QPSK	25	0	19.75	19.82	19.71	21.20
5	16QAM	1	0	19.76	19.76	19.77	21.20
5	16QAM	1	12	19.83	19.82	19.77	21.20
5	16QAM	1	24	19.78	19.81	19.86	21.20
5	16QAM	12	0	19.76	19.84	19.71	21.20
5	16QAM	12	7	19.80	19.84	19.75	21.20
5	16QAM	12	13	19.79	19.81	19.83	21.20
5	16QAM	25	0	19.89	19.87	19.90	21.20
5	64QAM	1	0	19.93	19.84	19.73	21.20
5	64QAM	1	12	19.82	19.76	19.88	21.20
5	64QAM	1	24	19.81	19.71	19.76	21.20
5	64QAM	12	0	19.19	19.27	19.07	20.70
5	64QAM	12	7	19.16	19.28	19.06	20.70
5	64QAM	12	13	19.35	19.34	19.20	20.70
5	64QAM	25	0	19.37	19.43	19.15	20.70
5	256QAM	1	0	17.35	17.38	17.22	18.70
5	256QAM	1	12	17.18	17.38	17.21	18.70
5	256QAM	1	24	17.34	17.47	17.30	18.70
5	256QAM	12	0	17.22	17.27	17.07	18.70
5	256QAM	12	7	17.20	17.31	17.03	18.70
5	256QAM	12	13	17.22	17.33	17.13	18.70
5	256QAM	25	0	17.33	17.27	17.12	18.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.95	20.01	19.88	21.20
3	QPSK	1	8	19.84	19.81	19.86	21.20
3	QPSK	1	14	19.83	19.74	19.77	21.20
3	QPSK	8	0	19.78	19.85	19.90	21.20
3	QPSK	8	4	19.85	19.76	19.81	21.20
3	QPSK	8	7	19.76	19.86	19.88	21.20
3	QPSK	15	0	19.82	19.88	19.83	21.20
3	16QAM	1	0	19.83	19.78	19.75	21.20
3	16QAM	1	8	19.83	19.80	19.75	21.20
3	16QAM	1	14	19.85	19.83	19.80	21.20
3	16QAM	8	0	19.84	19.81	19.74	21.20
3	16QAM	8	4	19.68	19.87	19.79	21.20
3	16QAM	8	7	19.88	19.71	19.80	21.20
3	16QAM	15	0	19.87	19.84	19.90	21.20
3	64QAM	1	0	19.86	19.86	19.77	21.20
3	64QAM	1	8	19.73	19.74	19.80	21.20
3	64QAM	1	14	19.81	19.80	19.75	21.20
3	64QAM	8	0	19.19	19.32	19.10	20.70
3	64QAM	8	4	19.14	19.37	19.03	20.70
3	64QAM	8	7	19.23	19.45	19.13	20.70
3	64QAM	15	0	19.36	19.34	19.15	20.70
3	256QAM	1	0	17.37	17.47	17.20	18.70
3	256QAM	1	8	17.19	17.32	17.16	18.70
3	256QAM	1	14	17.37	17.59	17.30	18.70
3	256QAM	8	0	17.17	17.25	16.99	18.70
3	256QAM	8	4	17.22	17.25	16.99	18.70
3	256QAM	8	7	17.25	17.38	17.16	18.70



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3	256QAM	15	0	17.36	17.39	17.14	18.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.95	19.94	19.93	21.20
1.4	QPSK	1	3	19.89	19.75	19.76	21.20
1.4	QPSK	1	5	19.86	19.82	19.74	21.20
1.4	QPSK	3	0	19.91	19.84	19.89	21.20
1.4	QPSK	3	1	19.86	19.73	19.76	21.20
1.4	QPSK	3	3	19.85	19.88	19.86	21.20
1.4	QPSK	6	0	19.74	19.81	19.80	21.20
1.4	16QAM	1	0	19.84	19.88	19.80	21.20
1.4	16QAM	1	3	19.74	19.78	19.85	21.20
1.4	16QAM	1	5	19.76	19.78	19.83	21.20
1.4	16QAM	3	0	19.77	19.81	19.81	21.20
1.4	16QAM	3	1	19.82	19.83	19.82	21.20
1.4	16QAM	3	3	19.81	19.69	19.87	21.20
1.4	16QAM	6	0	19.82	19.80	19.90	21.20
1.4	64QAM	1	0	19.83	19.80	19.82	21.20
1.4	64QAM	1	3	19.76	19.83	19.79	21.20
1.4	64QAM	1	5	19.87	19.69	19.69	21.20
1.4	64QAM	3	0	19.27	19.30	19.05	20.70
1.4	64QAM	3	1	19.11	19.37	18.98	20.70
1.4	64QAM	3	3	19.37	19.35	19.20	20.70
1.4	64QAM	6	0	19.32	19.30	19.15	20.70
1.4	256QAM	1	0	17.30	17.50	17.18	18.70
1.4	256QAM	1	3	17.20	17.32	17.13	18.70
1.4	256QAM	1	5	17.36	17.55	17.36	18.70
1.4	256QAM	3	0	17.10	17.24	17.04	18.70
1.4	256QAM	3	1	17.23	17.24	17.00	18.70
1.4	256QAM	3	3	17.29	17.39	17.21	18.70
1.4	256QAM	6	0	17.28	17.38	17.04	18.70

【LTE Band 66_Ant 0_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.74	19.83	19.65	21.20
20	QPSK	1	49	19.69	19.79	19.57	21.20
20	QPSK	1	99	19.65	19.79	19.61	21.20
20	QPSK	50	0	19.73	19.78	19.62	21.20
20	QPSK	50	24	19.71	19.76	19.58	21.20
20	QPSK	50	50	19.65	19.76	19.56	21.20
20	QPSK	100	0	19.73	19.75	19.59	21.20
20	16QAM	1	0	19.64	19.71	19.54	21.20
20	16QAM	1	49	19.66	19.80	19.55	21.20
20	16QAM	1	99	19.68	19.78	19.51	21.20
20	16QAM	50	0	19.65	19.80	19.57	21.20
20	16QAM	50	24	19.63	19.76	19.51	21.20
20	16QAM	50	50	19.70	19.73	19.57	21.20
20	16QAM	100	0	19.67	19.75	19.61	21.20
20	64QAM	1	0	19.70	19.73	19.58	21.20
20	64QAM	1	49	19.62	19.72	19.55	21.20
20	64QAM	1	99	19.68	19.75	19.55	21.20
20	64QAM	50	0	19.64	19.81	19.58	21.00
20	64QAM	50	24	19.63	19.81	19.51	21.00
20	64QAM	50	50	19.74	19.79	19.53	21.00
20	64QAM	100	0	19.70	19.71	19.58	21.00
20	256QAM	1	0	18.32	18.36	18.21	19.00
20	256QAM	1	49	18.34	18.36	18.18	19.00
20	256QAM	1	99	18.30	18.39	18.21	19.00
20	256QAM	50	0	18.26	18.31	18.20	19.00
20	256QAM	50	24	18.30	18.30	18.11	19.00
20	256QAM	50	50	18.27	18.40	18.14	19.00
20	256QAM	100	0	18.30	18.40	18.17	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.70	19.80	19.55	21.20
15	QPSK	1	37	19.60	19.73	19.55	21.20
15	QPSK	1	74	19.58	19.70	19.49	21.20
15	QPSK	36	0	19.71	19.66	19.48	21.20
15	QPSK	36	20	19.68	19.75	19.50	21.20



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15	QPSK	36	39	19.59	19.73	19.43	21.20
15	QPSK	75	0	19.65	19.67	19.56	21.20
15	16QAM	1	0	19.53	19.65	19.52	21.20
15	16QAM	1	37	19.57	19.69	19.40	21.20
15	16QAM	1	74	19.63	19.64	19.38	21.20
15	16QAM	36	0	19.51	19.71	19.45	21.20
15	16QAM	36	20	19.57	19.68	19.48	21.20
15	16QAM	36	39	19.56	19.60	19.43	21.20
15	16QAM	75	0	19.63	19.62	19.55	21.20
15	64QAM	1	0	19.67	19.60	19.51	21.20
15	64QAM	1	37	19.57	19.70	19.46	21.20
15	64QAM	1	74	19.58	19.71	19.50	21.20
15	64QAM	36	0	19.50	19.75	19.46	21.00
15	64QAM	36	20	19.52	19.80	19.43	21.00
15	64QAM	36	39	19.71	19.66	19.42	21.00
15	64QAM	75	0	19.66	19.69	19.44	21.00
15	256QAM	1	0	18.23	18.29	18.19	19.00
15	256QAM	1	37	18.11	18.21	18.09	19.00
15	256QAM	1	74	18.23	18.19	18.10	19.00
15	256QAM	36	0	18.13	18.21	18.22	19.00
15	256QAM	36	20	18.15	18.23	18.17	19.00
15	256QAM	36	39	18.12	18.24	18.07	19.00
15	256QAM	75	0	18.15	18.16	18.15	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.63	19.71	19.54	21.20
10	QPSK	1	25	19.63	19.65	19.54	21.20
10	QPSK	1	49	19.50	19.64	19.53	21.20
10	QPSK	25	0	19.59	19.66	19.57	21.20
10	QPSK	25	12	19.60	19.73	19.49	21.20
10	QPSK	25	25	19.56	19.65	19.54	21.20
10	QPSK	50	0	19.58	19.63	19.58	21.20
10	16QAM	1	0	19.56	19.61	19.53	21.20
10	16QAM	1	25	19.61	19.69	19.40	21.20
10	16QAM	1	49	19.66	19.65	19.47	21.20
10	16QAM	25	0	19.62	19.65	19.51	21.20
10	16QAM	25	12	19.57	19.62	19.36	21.20
10	16QAM	25	25	19.55	19.66	19.55	21.20
10	16QAM	50	0	19.61	19.71	19.55	21.20
10	64QAM	1	0	19.65	19.67	19.43	21.20
10	64QAM	1	25	19.52	19.65	19.48	21.20
10	64QAM	1	49	19.57	19.72	19.52	21.20
10	64QAM	25	0	19.59	19.71	19.45	21.00
10	64QAM	25	12	19.59	19.73	19.43	21.00
10	64QAM	25	25	19.69	19.75	19.43	21.00
10	64QAM	50	0	19.62	19.65	19.54	21.00
10	256QAM	1	0	18.21	18.34	18.07	19.00
10	256QAM	1	25	18.24	18.31	18.14	19.00
10	256QAM	1	49	18.17	18.37	18.15	19.00
10	256QAM	25	0	18.20	18.19	18.19	19.00
10	256QAM	25	12	18.18	18.25	17.99	19.00
10	256QAM	25	25	18.16	18.30	18.03	19.00
10	256QAM	50	0	18.23	18.33	18.11	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.65	19.72	19.57	21.20
5	QPSK	1	12	19.55	19.66	19.44	21.20
5	QPSK	1	24	19.60	19.69	19.47	21.20
5	QPSK	12	0	19.67	19.66	19.52	21.20
5	QPSK	12	7	19.70	19.69	19.46	21.20
5	QPSK	12	13	19.54	19.69	19.50	21.20
5	QPSK	25	0	19.65	19.69	19.52	21.20
5	16QAM	1	0	19.59	19.70	19.42	21.20
5	16QAM	1	12	19.60	19.76	19.53	21.20
5	16QAM	1	24	19.55	19.69	19.43	21.20
5	16QAM	12	0	19.59	19.77	19.48	21.20
5	16QAM	12	7	19.50	19.70	19.43	21.20
5	16QAM	12	13	19.66	19.60	19.50	21.20
5	16QAM	25	0	19.55	19.64	19.54	21.20
5	64QAM	1	0	19.62	19.65	19.45	21.20
5	64QAM	1	12	19.47	19.67	19.43	21.20
5	64QAM	1	24	19.61	19.66	19.50	21.20
5	64QAM	12	0	19.50	19.68	19.49	21.00
5	64QAM	12	7	19.51	19.75	19.42	21.00
5	64QAM	12	13	19.70	19.76	19.42	21.00
5	64QAM	25	0	19.62	19.63	19.51	21.00
5	256QAM	1	0	18.19	18.30	18.13	19.00
5	256QAM	1	12	18.31	18.21	18.04	19.00



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5	256QAM	1	24	18.20	18.29	18.20	19.00
5	256QAM	12	0	18.19	18.27	18.11	19.00
5	256QAM	12	7	18.23	18.20	18.06	19.00
5	256QAM	12	13	18.13	18.26	18.03	19.00
5	256QAM	25	0	18.17	18.30	18.03	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.72	19.71	19.63	21.20
3	QPSK	1	8	19.61	19.75	19.43	21.20
3	QPSK	1	14	19.59	19.71	19.48	21.20
3	QPSK	8	0	19.61	19.65	19.52	21.20
3	QPSK	8	4	19.70	19.61	19.45	21.20
3	QPSK	8	7	19.59	19.62	19.51	21.20
3	QPSK	15	0	19.63	19.71	19.45	21.20
3	16QAM	1	0	19.62	19.58	19.46	21.20
3	16QAM	1	8	19.65	19.69	19.43	21.20
3	16QAM	1	14	19.54	19.76	19.48	21.20
3	16QAM	8	0	19.61	19.67	19.47	21.20
3	16QAM	8	4	19.49	19.63	19.49	21.20
3	16QAM	8	7	19.57	19.59	19.55	21.20
3	16QAM	15	0	19.65	19.67	19.52	21.20
3	64QAM	1	0	19.67	19.70	19.45	21.20
3	64QAM	1	8	19.48	19.68	19.52	21.20
3	64QAM	1	14	19.60	19.68	19.42	21.20
3	64QAM	8	0	19.51	19.74	19.55	21.00
3	64QAM	8	4	19.60	19.73	19.42	21.00
3	64QAM	8	7	19.62	19.74	19.46	21.00
3	64QAM	15	0	19.63	19.58	19.43	21.00
3	256QAM	1	0	18.29	18.24	18.14	19.00
3	256QAM	1	8	18.31	18.22	18.14	19.00
3	256QAM	1	14	18.28	18.28	18.10	19.00
3	256QAM	8	0	18.22	18.19	18.19	19.00
3	256QAM	8	4	18.18	18.21	18.07	19.00
3	256QAM	8	7	18.15	18.35	18.10	19.00
3	256QAM	15	0	18.16	18.38	18.15	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.62	19.79	19.59	21.20
1.4	QPSK	1	3	19.63	19.77	19.50	21.20
1.4	QPSK	1	5	19.53	19.64	19.50	21.20
1.4	QPSK	3	0	19.72	19.72	19.50	21.20
1.4	QPSK	3	1	19.68	19.61	19.46	21.20
1.4	QPSK	3	3	19.52	19.67	19.42	21.20
1.4	QPSK	6	0	19.66	19.63	19.51	21.20
1.4	16QAM	1	0	19.59	19.63	19.43	21.20
1.4	16QAM	1	3	19.63	19.72	19.45	21.20
1.4	16QAM	1	5	19.59	19.72	19.40	21.20
1.4	16QAM	3	0	19.54	19.70	19.44	21.20
1.4	16QAM	3	1	19.54	19.72	19.37	21.20
1.4	16QAM	3	3	19.60	19.67	19.47	21.20
1.4	16QAM	6	0	19.53	19.62	19.53	21.20
1.4	64QAM	1	0	19.56	19.61	19.44	21.20
1.4	64QAM	1	3	19.60	19.70	19.43	21.20
1.4	64QAM	1	5	19.64	19.70	19.52	21.20
1.4	64QAM	3	0	19.51	19.71	19.47	21.00
1.4	64QAM	3	1	19.56	19.76	19.46	21.00
1.4	64QAM	3	3	19.67	19.78	19.38	21.00
1.4	64QAM	6	0	19.56	19.67	19.47	21.00
1.4	256QAM	1	0	18.25	18.33	18.10	19.00
1.4	256QAM	1	3	18.29	18.29	18.11	19.00
1.4	256QAM	1	5	18.21	18.35	18.17	19.00
1.4	256QAM	3	0	18.12	18.17	18.19	19.00
1.4	256QAM	3	1	18.21	18.17	18.02	19.00
1.4	256QAM	3	3	18.13	18.35	18.02	19.00
1.4	256QAM	6	0	18.16	18.26	18.08	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	15.92	15.94	15.93	17.40
20	QPSK	1	49	15.89	15.91	15.90	17.40
20	QPSK	1	99	15.89	15.90	15.88	17.40
20	QPSK	50	0	15.88	15.90	15.86	17.40
20	QPSK	50	24	15.86	15.83	15.84	17.40
20	QPSK	50	50	15.82	15.83	15.84	17.40
20	QPSK	100	0	15.81	15.91	15.85	17.40
20	16QAM	1	0	15.81	15.87	15.84	17.40
20	16QAM	1	49	15.84	15.80	15.90	17.40
20	16QAM	1	99	15.91	15.83	15.89	17.40
20	16QAM	50	0	15.89	15.82	15.83	17.40
20	16QAM	50	24	15.84	15.81	15.84	17.40
20	16QAM	50	50	15.91	15.87	15.91	17.40
20	16QAM	100	0	15.84	15.90	15.82	17.40
20	64QAM	1	0	15.87	15.86	15.89	17.40
20	64QAM	1	49	15.80	15.85	15.82	17.40
20	64QAM	1	99	15.91	15.82	15.88	17.40
20	64QAM	50	0	15.85	15.82	15.92	17.40
20	64QAM	50	24	15.84	15.81	15.82	17.40
20	64QAM	50	50	15.83	15.86	15.91	17.40
20	64QAM	100	0	15.88	15.86	15.91	17.40
20	256QAM	1	0	15.89	15.86	15.90	17.40
20	256QAM	1	49	15.91	15.81	15.82	17.40
20	256QAM	1	99	15.86	15.89	15.81	17.40
20	256QAM	50	0	15.83	15.88	15.91	17.40
20	256QAM	50	24	15.83	15.86	15.81	17.40
20	256QAM	50	50	15.91	15.86	15.83	17.40
20	256QAM	100	0	15.88	15.86	15.88	17.40
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.87	15.81	15.91	17.40
15	QPSK	1	37	15.76	15.80	15.76	17.40
15	QPSK	1	74	15.82	15.85	15.86	17.40
15	QPSK	36	0	15.79	15.85	15.85	17.40
15	QPSK	36	20	15.76	15.69	15.79	17.40
15	QPSK	36	39	15.79	15.73	15.75	17.40
15	QPSK	75	0	15.67	15.78	15.77	17.40
15	16QAM	1	0	15.72	15.79	15.71	17.40
15	16QAM	1	37	15.81	15.74	15.89	17.40
15	16QAM	1	74	15.82	15.82	15.74	17.40
15	16QAM	36	0	15.88	15.77	15.68	17.40
15	16QAM	36	20	15.69	15.69	15.74	17.40
15	16QAM	36	39	15.85	15.74	15.88	17.40
15	16QAM	75	0	15.76	15.75	15.71	17.40
15	64QAM	1	0	15.80	15.72	15.87	17.40
15	64QAM	1	37	15.67	15.75	15.75	17.40
15	64QAM	1	74	15.85	15.80	15.78	17.40
15	64QAM	36	0	15.75	15.70	15.79	17.40
15	64QAM	36	20	15.74	15.69	15.70	17.40
15	64QAM	36	39	15.69	15.77	15.90	17.40
15	64QAM	75	0	15.82	15.85	15.90	17.40
15	256QAM	1	0	15.76	15.81	15.78	17.40
15	256QAM	1	37	15.87	15.75	15.72	17.40
15	256QAM	1	74	15.83	15.83	15.69	17.40
15	256QAM	36	0	15.74	15.83	15.78	17.40
15	256QAM	36	20	15.72	15.79	15.73	17.40
15	256QAM	36	39	15.87	15.76	15.80	17.40
15	256QAM	75	0	15.84	15.79	15.80	17.40
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	15.82	15.81	15.84	17.40
10	QPSK	1	25	15.87	15.87	15.78	17.40
10	QPSK	1	49	15.84	15.76	15.75	17.40
10	QPSK	25	0	15.83	15.86	15.81	17.40
10	QPSK	25	12	15.85	15.82	15.78	17.40
10	QPSK	25	25	15.71	15.68	15.75	17.40
10	QPSK	50	0	15.78	15.84	15.78	17.40
10	16QAM	1	0	15.71	15.85	15.77	17.40
10	16QAM	1	25	15.80	15.75	15.76	17.40
10	16QAM	1	49	15.85	15.70	15.85	17.40
10	16QAM	25	0	15.83	15.67	15.75	17.40



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10	16QAM	25	12	15.80	15.75	15.75	17.40
10	16QAM	25	25	15.77	15.81	15.82	17.40
10	16QAM	50	0	15.71	15.82	15.78	17.40
10	64QAM	1	0	15.85	15.75	15.79	17.40
10	64QAM	1	25	15.68	15.82	15.77	17.40
10	64QAM	1	49	15.85	15.69	15.76	17.40
10	64QAM	25	0	15.78	15.69	15.78	17.40
10	64QAM	25	12	15.71	15.69	15.79	17.40
10	64QAM	25	25	15.81	15.74	15.83	17.40
10	64QAM	50	0	15.77	15.82	15.89	17.40
10	256QAM	1	0	15.78	15.85	15.88	17.40
10	256QAM	1	25	15.77	15.79	15.67	17.40
10	256QAM	1	49	15.74	15.85	15.75	17.40
10	256QAM	25	0	15.79	15.82	15.78	17.40
10	256QAM	25	12	15.74	15.79	15.67	17.40
10	256QAM	25	25	15.80	15.81	15.79	17.40
10	256QAM	50	0	15.77	15.82	15.80	17.40
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	15.90	15.86	15.81	17.40
5	QPSK	1	12	15.75	15.84	15.78	17.40
5	QPSK	1	24	15.80	15.82	15.76	17.40
5	QPSK	12	0	15.86	15.87	15.82	17.40
5	QPSK	12	7	15.77	15.77	15.70	17.40
5	QPSK	12	13	15.77	15.77	15.82	17.40
5	QPSK	25	0	15.80	15.88	15.82	17.40
5	16QAM	1	0	15.75	15.72	15.69	17.40
5	16QAM	1	12	15.78	15.72	15.77	17.40
5	16QAM	1	24	15.88	15.76	15.75	17.40
5	16QAM	12	0	15.83	15.73	15.81	17.40
5	16QAM	12	7	15.80	15.71	15.81	17.40
5	16QAM	12	13	15.85	15.83	15.88	17.40
5	16QAM	25	0	15.81	15.84	15.74	17.40
5	64QAM	1	0	15.77	15.80	15.85	17.40
5	64QAM	1	12	15.77	15.76	15.71	17.40
5	64QAM	1	24	15.87	15.81	15.87	17.40
5	64QAM	12	0	15.75	15.70	15.79	17.40
5	64QAM	12	7	15.80	15.75	15.67	17.40
5	64QAM	12	13	15.70	15.81	15.84	17.40
5	64QAM	25	0	15.83	15.72	15.78	17.40
5	256QAM	1	0	15.75	15.73	15.86	17.40
5	256QAM	1	12	15.79	15.79	15.78	17.40
5	256QAM	1	24	15.82	15.88	15.69	17.40
5	256QAM	12	0	15.77	15.76	15.84	17.40
5	256QAM	12	7	15.70	15.71	15.69	17.40
5	256QAM	12	13	15.84	15.75	15.82	17.40
5	256QAM	25	0	15.76	15.82	15.85	17.40
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	15.86	15.82	15.78	17.40
3	QPSK	1	8	15.74	15.78	15.76	17.40
3	QPSK	1	14	15.79	15.85	15.78	17.40
3	QPSK	8	0	15.74	15.84	15.84	17.40
3	QPSK	8	4	15.73	15.80	15.69	17.40
3	QPSK	8	7	15.70	15.72	15.82	17.40
3	QPSK	15	0	15.69	15.84	15.71	17.40
3	16QAM	1	0	15.69	15.85	15.81	17.40
3	16QAM	1	8	15.76	15.71	15.82	17.40
3	16QAM	1	14	15.86	15.77	15.79	17.40
3	16QAM	8	0	15.87	15.69	15.81	17.40
3	16QAM	8	4	15.71	15.72	15.72	17.40
3	16QAM	8	7	15.79	15.84	15.87	17.40
3	16QAM	15	0	15.76	15.86	15.73	17.40
3	64QAM	1	0	15.73	15.80	15.76	17.40
3	64QAM	1	8	15.66	15.77	15.78	17.40
3	64QAM	1	14	15.79	15.72	15.79	17.40
3	64QAM	8	0	15.83	15.79	15.86	17.40
3	64QAM	8	4	15.82	15.73	15.69	17.40
3	64QAM	8	7	15.77	15.79	15.77	17.40
3	64QAM	15	0	15.84	15.71	15.82	17.40
3	256QAM	1	0	15.86	15.71	15.87	17.40
3	256QAM	1	8	15.77	15.80	15.71	17.40
3	256QAM	1	14	15.74	15.77	15.72	17.40
3	256QAM	8	0	15.79	15.75	15.88	17.40
3	256QAM	8	4	15.74	15.76	15.70	17.40
3	256QAM	8	7	15.86	15.80	15.73	17.40
3	256QAM	15	0	15.74	15.80	15.81	17.40
Channel				131979	132322	132665	Tune-up limit



Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	15.90	15.91	15.90	17.40
1.4	QPSK	1	3	15.79	15.84	15.76	17.40
1.4	QPSK	1	5	15.85	15.84	15.80	17.40
1.4	QPSK	3	0	15.77	15.89	15.80	17.40
1.4	QPSK	3	1	15.82	15.82	15.82	17.40
1.4	QPSK	3	3	15.81	15.73	15.80	17.40
1.4	QPSK	6	0	15.70	15.79	15.73	17.40
1.4	16QAM	1	0	15.66	15.76	15.73	17.40
1.4	16QAM	1	3	15.80	15.76	15.86	17.40
1.4	16QAM	1	5	15.78	15.76	15.77	17.40
1.4	16QAM	3	0	15.76	15.74	15.77	17.40
1.4	16QAM	3	1	15.82	15.68	15.74	17.40
1.4	16QAM	3	3	15.88	15.83	15.77	17.40
1.4	16QAM	6	0	15.71	15.78	15.72	17.40
1.4	64QAM	1	0	15.75	15.75	15.78	17.40
1.4	64QAM	1	3	15.76	15.76	15.72	17.40
1.4	64QAM	1	5	15.88	15.72	15.77	17.40
1.4	64QAM	3	0	15.82	15.67	15.81	17.40
1.4	64QAM	3	1	15.81	15.68	15.76	17.40
1.4	64QAM	3	3	15.75	15.73	15.89	17.40
1.4	64QAM	6	0	15.80	15.78	15.89	17.40
1.4	256QAM	1	0	15.83	15.80	15.85	17.40
1.4	256QAM	1	3	15.86	15.75	15.70	17.40
1.4	256QAM	1	5	15.74	15.82	15.77	17.40
1.4	256QAM	3	0	15.73	15.79	15.79	17.40
1.4	256QAM	3	1	15.78	15.71	15.77	17.40
1.4	256QAM	3	3	15.90	15.82	15.80	17.40
1.4	256QAM	6	0	15.78	15.74	15.80	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	15.78	15.79	15.67	17.40
20	QPSK	1	49	15.70	15.73	15.66	17.40
20	QPSK	1	99	15.71	15.65	15.56	17.40
20	QPSK	50	0	15.73	15.78	15.59	17.40
20	QPSK	50	24	15.72	15.73	15.57	17.40
20	QPSK	50	50	15.63	15.68	15.55	17.40
20	QPSK	100	0	15.62	15.69	15.61	17.40
20	16QAM	1	0	15.65	15.70	15.56	17.40
20	16QAM	1	49	15.69	15.77	15.55	17.40
20	16QAM	1	99	15.73	15.81	15.54	17.40
20	16QAM	50	0	15.68	15.75	15.62	17.40
20	16QAM	50	24	15.66	15.73	15.61	17.40
20	16QAM	50	50	15.64	15.78	15.53	17.40
20	16QAM	100	0	15.61	15.76	15.63	17.40
20	64QAM	1	0	15.71	15.82	15.54	17.40
20	64QAM	1	49	15.66	15.75	15.57	17.40
20	64QAM	1	99	15.73	15.70	15.58	17.40
20	64QAM	50	0	15.68	15.76	15.52	17.40
20	64QAM	50	24	15.62	15.76	15.47	17.40
20	64QAM	50	50	15.63	15.69	15.59	17.40
20	64QAM	100	0	15.66	15.84	15.50	17.40
20	256QAM	1	0	15.64	15.71	15.58	17.40
20	256QAM	1	49	15.56	15.84	15.57	17.40
20	256QAM	1	99	15.60	15.78	15.53	17.40
20	256QAM	50	0	15.58	15.80	15.58	17.40
20	256QAM	50	24	15.65	15.77	15.63	17.40
20	256QAM	50	50	15.70	15.70	15.53	17.40
20	256QAM	100	0	15.66	15.73	15.54	17.40
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.64	15.75	15.56	17.40
15	QPSK	1	37	15.59	15.67	15.60	17.40
15	QPSK	1	74	15.61	15.64	15.49	17.40
15	QPSK	36	0	15.60	15.72	15.56	17.40
15	QPSK	36	20	15.59	15.66	15.54	17.40
15	QPSK	36	39	15.61	15.65	15.45	17.40
15	QPSK	75	0	15.56	15.64	15.51	17.40



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15	16QAM	1	0	15.59	15.56	15.49	17.40
15	16QAM	1	37	15.60	15.62	15.52	17.40
15	16QAM	1	74	15.69	15.77	15.43	17.40
15	16QAM	36	0	15.63	15.73	15.59	17.40
15	16QAM	36	20	15.61	15.60	15.51	17.40
15	16QAM	36	39	15.53	15.77	15.50	17.40
15	16QAM	75	0	15.59	15.69	15.60	17.40
15	64QAM	1	0	15.63	15.67	15.43	17.40
15	64QAM	1	37	15.64	15.72	15.45	17.40
15	64QAM	1	74	15.63	15.64	15.51	17.40
15	64QAM	36	0	15.66	15.64	15.42	17.40
15	64QAM	36	20	15.52	15.72	15.40	17.40
15	64QAM	36	39	15.62	15.68	15.47	17.40
15	64QAM	75	0	15.57	15.74	15.40	17.40
15	256QAM	1	0	15.55	15.57	15.50	17.40
15	256QAM	1	37	15.42	15.75	15.46	17.40
15	256QAM	1	74	15.50	15.72	15.42	17.40
15	256QAM	36	0	15.55	15.76	15.54	17.40
15	256QAM	36	20	15.63	15.64	15.59	17.40
15	256QAM	36	39	15.63	15.58	15.42	17.40
15	256QAM	75	0	15.63	15.65	15.48	17.40
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	15.64	15.77	15.63	17.40
10	QPSK	1	25	15.60	15.69	15.52	17.40
10	QPSK	1	49	15.60	15.58	15.48	17.40
10	QPSK	25	0	15.71	15.70	15.46	17.40
10	QPSK	25	12	15.59	15.62	15.55	17.40
10	QPSK	25	25	15.59	15.54	15.50	17.40
10	QPSK	50	0	15.54	15.56	15.58	17.40
10	16QAM	1	0	15.55	15.59	15.53	17.40
10	16QAM	1	25	15.62	15.75	15.40	17.40
10	16QAM	1	49	15.59	15.75	15.47	17.40
10	16QAM	25	0	15.62	15.62	15.47	17.40
10	16QAM	25	12	15.59	15.67	15.50	17.40
10	16QAM	25	25	15.63	15.67	15.41	17.40
10	16QAM	50	0	15.50	15.67	15.50	17.40
10	64QAM	1	0	15.69	15.73	15.42	17.40
10	64QAM	1	25	15.55	15.63	15.47	17.40
10	64QAM	1	49	15.71	15.58	15.54	17.40
10	64QAM	25	0	15.58	15.71	15.42	17.40
10	64QAM	25	12	15.57	15.65	15.40	17.40
10	64QAM	25	25	15.62	15.64	15.51	17.40
10	64QAM	50	0	15.58	15.79	15.48	17.40
10	256QAM	1	0	15.50	15.67	15.54	17.40
10	256QAM	1	25	15.55	15.78	15.55	17.40
10	256QAM	1	49	15.47	15.74	15.45	17.40
10	256QAM	25	0	15.54	15.69	15.52	17.40
10	256QAM	25	12	15.61	15.74	15.56	17.40
10	256QAM	25	25	15.67	15.66	15.48	17.40
10	256QAM	50	0	15.56	15.61	15.46	17.40
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	15.76	15.76	15.53	17.40
5	QPSK	1	12	15.65	15.59	15.64	17.40
5	QPSK	1	24	15.59	15.62	15.49	17.40
5	QPSK	12	0	15.59	15.66	15.52	17.40
5	QPSK	12	7	15.62	15.61	15.43	17.40
5	QPSK	12	13	15.56	15.66	15.41	17.40
5	QPSK	25	0	15.47	15.63	15.59	17.40
5	16QAM	1	0	15.55	15.66	15.45	17.40
5	16QAM	1	12	15.66	15.70	15.48	17.40
5	16QAM	1	24	15.72	15.77	15.45	17.40
5	16QAM	12	0	15.60	15.72	15.57	17.40
5	16QAM	12	7	15.52	15.59	15.60	17.40
5	16QAM	12	13	15.54	15.69	15.40	17.40
5	16QAM	25	0	15.52	15.71	15.54	17.40
5	64QAM	1	0	15.60	15.73	15.41	17.40
5	64QAM	1	12	15.58	15.65	15.46	17.40
5	64QAM	1	24	15.71	15.57	15.44	17.40
5	64QAM	12	0	15.58	15.62	15.41	17.40
5	64QAM	12	7	15.50	15.63	15.40	17.40
5	64QAM	12	13	15.60	15.62	15.54	17.40
5	64QAM	25	0	15.62	15.75	15.43	17.40
5	256QAM	1	0	15.51	15.58	15.46	17.40
5	256QAM	1	12	15.49	15.70	15.53	17.40
5	256QAM	1	24	15.54	15.75	15.43	17.40
5	256QAM	12	0	15.54	15.72	15.56	17.40



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5	256QAM	12	7	15.60	15.74	15.60	17.40
5	256QAM	12	13	15.61	15.59	15.41	17.40
5	256QAM	25	0	15.63	15.65	15.48	17.40
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	15.73	15.75	15.64	17.40
3	QPSK	1	8	15.64	15.67	15.62	17.40
3	QPSK	1	14	15.68	15.58	15.44	17.40
3	QPSK	8	0	15.72	15.73	15.54	17.40
3	QPSK	8	4	15.69	15.69	15.55	17.40
3	QPSK	8	7	15.49	15.54	15.41	17.40
3	QPSK	15	0	15.53	15.67	15.54	17.40
3	16QAM	1	0	15.53	15.66	15.54	17.40
3	16QAM	1	8	15.60	15.68	15.45	17.40
3	16QAM	1	14	15.69	15.74	15.40	17.40
3	16QAM	8	0	15.67	15.67	15.50	17.40
3	16QAM	8	4	15.51	15.66	15.57	17.40
3	16QAM	8	7	15.56	15.66	15.41	17.40
3	16QAM	15	0	15.56	15.65	15.49	17.40
3	64QAM	1	0	15.67	15.80	15.49	17.40
3	64QAM	1	8	15.63	15.65	15.50	17.40
3	64QAM	1	14	15.60	15.59	15.48	17.40
3	64QAM	8	0	15.62	15.70	15.46	17.40
3	64QAM	8	4	15.49	15.61	15.41	17.40
3	64QAM	8	7	15.54	15.58	15.45	17.40
3	64QAM	15	0	15.53	15.70	15.41	17.40
3	256QAM	1	0	15.55	15.69	15.51	17.40
3	256QAM	1	8	15.54	15.75	15.46	17.40
3	256QAM	1	14	15.59	15.75	15.50	17.40
3	256QAM	8	0	15.49	15.71	15.48	17.40
3	256QAM	8	4	15.60	15.65	15.54	17.40
3	256QAM	8	7	15.59	15.66	15.41	17.40
3	256QAM	15	0	15.64	15.62	15.50	17.40
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	15.72	15.76	15.58	17.40
1.4	QPSK	1	3	15.64	15.64	15.55	17.40
1.4	QPSK	1	5	15.69	15.56	15.47	17.40
1.4	QPSK	3	0	15.66	15.68	15.50	17.40
1.4	QPSK	3	1	15.70	15.69	15.53	17.40
1.4	QPSK	3	3	15.51	15.62	15.53	17.40
1.4	QPSK	6	0	15.59	15.66	15.48	17.40
1.4	16QAM	1	0	15.55	15.55	15.48	17.40
1.4	16QAM	1	3	15.60	15.66	15.47	17.40
1.4	16QAM	1	5	15.64	15.75	15.41	17.40
1.4	16QAM	3	0	15.56	15.60	15.59	17.40
1.4	16QAM	3	1	15.64	15.70	15.47	17.40
1.4	16QAM	3	3	15.60	15.66	15.51	17.40
1.4	16QAM	6	0	15.51	15.63	15.50	17.40
1.4	64QAM	1	0	15.63	15.67	15.45	17.40
1.4	64QAM	1	3	15.54	15.70	15.54	17.40
1.4	64QAM	1	5	15.68	15.63	15.49	17.40
1.4	64QAM	3	0	15.63	15.66	15.41	17.40
1.4	64QAM	3	1	15.51	15.62	15.42	17.40
1.4	64QAM	3	3	15.50	15.66	15.47	17.40
1.4	64QAM	6	0	15.63	15.80	15.40	17.40
1.4	256QAM	1	0	15.61	15.60	15.55	17.40
1.4	256QAM	1	3	15.47	15.80	15.42	17.40
1.4	256QAM	1	5	15.53	15.76	15.45	17.40
1.4	256QAM	3	0	15.44	15.68	15.56	17.40
1.4	256QAM	3	1	15.56	15.73	15.49	17.40
1.4	256QAM	3	3	15.59	15.57	15.41	17.40
1.4	256QAM	6	0	15.62	15.69	15.46	17.40



【LTE Band 66_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.31	21.38	21.16	22.00
20	QPSK	1	49	21.01	21.12	20.78	22.00
20	QPSK	1	99	20.99	21.19	20.93	22.00
20	QPSK	50	0	20.19	20.28	20.02	21.00
20	QPSK	50	24	20.09	20.17	19.82	21.00
20	QPSK	50	50	20.00	20.21	19.88	21.00
20	QPSK	100	0	20.11	20.22	19.97	21.00
20	16QAM	1	0	20.42	20.56	20.25	21.00
20	16QAM	1	49	20.32	20.44	20.12	21.00
20	16QAM	1	99	20.29	20.45	20.13	21.00
20	16QAM	50	0	19.01	19.16	18.94	20.00
20	16QAM	50	24	18.99	19.13	18.80	20.00
20	16QAM	50	50	19.05	19.19	18.88	20.00
20	16QAM	100	0	18.97	19.17	18.93	20.00
20	64QAM	1	0	19.19	19.35	19.13	20.00
20	64QAM	1	49	19.19	19.36	19.02	20.00
20	64QAM	1	99	19.28	19.39	19.11	20.00
20	64QAM	50	0	18.04	18.16	17.92	19.00
20	64QAM	50	24	18.01	18.15	17.88	19.00
20	64QAM	50	50	18.09	18.20	17.97	19.00
20	64QAM	100	0	18.10	18.18	17.96	19.00
20	256QAM	1	0	16.20	16.36	16.14	17.00
20	256QAM	1	49	16.12	16.24	16.00	17.00
20	256QAM	1	99	16.26	16.35	16.13	17.00
20	256QAM	50	0	16.00	16.16	15.89	17.00
20	256QAM	50	24	15.99	16.14	15.92	17.00
20	256QAM	50	50	15.99	16.18	15.96	17.00
20	256QAM	100	0	16.02	16.19	15.96	17.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.21	21.17	21.09	22.00
15	QPSK	1	37	20.92	21.00	20.75	22.00
15	QPSK	1	74	20.92	21.17	20.84	22.00
15	QPSK	36	0	20.07	20.17	19.96	21.00
15	QPSK	36	20	19.97	20.05	19.75	21.00
15	QPSK	36	39	19.91	20.16	19.78	21.00
15	QPSK	75	0	20.05	20.10	19.90	21.00
15	16QAM	1	0	20.31	20.53	20.16	21.00
15	16QAM	1	37	20.18	20.29	20.02	21.00
15	16QAM	1	74	20.26	20.33	20.10	21.00
15	16QAM	36	0	18.94	19.02	18.79	20.00
15	16QAM	36	20	18.92	18.99	18.69	20.00
15	16QAM	36	39	18.95	19.05	18.81	20.00
15	16QAM	75	0	18.91	19.15	18.87	20.00
15	64QAM	1	0	19.09	19.25	19.05	20.00
15	64QAM	1	37	19.15	19.25	18.88	20.00
15	64QAM	1	74	19.17	19.29	18.97	20.00
15	64QAM	36	0	17.92	18.02	17.88	19.00
15	64QAM	36	20	17.96	18.00	17.78	19.00
15	64QAM	36	39	17.98	18.10	17.89	19.00
15	64QAM	75	0	18.01	18.05	17.90	19.00
15	256QAM	1	0	16.08	16.33	16.11	17.00
15	256QAM	1	37	15.97	16.19	15.92	17.00
15	256QAM	1	74	16.15	16.20	16.06	17.00
15	256QAM	36	0	15.97	16.11	15.84	17.00
15	256QAM	36	20	15.94	16.10	15.86	17.00
15	256QAM	36	39	15.89	16.09	15.87	17.00
15	256QAM	75	0	16.00	16.07	15.91	17.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.27	21.15	21.04	22.00
10	QPSK	1	25	20.91	21.07	20.72	22.00
10	QPSK	1	49	20.95	21.17	20.82	22.00
10	QPSK	25	0	20.18	20.24	19.92	21.00
10	QPSK	25	12	20.06	20.11	19.77	21.00
10	QPSK	25	25	19.93	20.08	19.79	21.00
10	QPSK	50	0	20.06	20.12	19.92	21.00
10	16QAM	1	0	20.40	20.47	20.15	21.00
10	16QAM	1	25	20.31	20.34	20.08	21.00



10	16QAM	1	49	20.19	20.44	20.00	21.00
10	16QAM	25	0	18.89	19.03	18.90	20.00
10	16QAM	25	12	18.92	19.10	18.79	20.00
10	16QAM	25	25	19.03	19.12	18.82	20.00
10	16QAM	50	0	18.96	19.09	18.87	20.00
10	64QAM	1	0	19.11	19.33	18.98	20.00
10	64QAM	1	25	19.06	19.22	18.96	20.00
10	64QAM	1	49	19.18	19.29	19.03	20.00
10	64QAM	25	0	17.90	18.09	17.82	19.00
10	64QAM	25	12	17.97	18.12	17.86	19.00
10	64QAM	25	25	17.95	18.08	17.87	19.00
10	64QAM	50	0	18.01	18.03	17.83	19.00
10	256QAM	1	0	16.08	16.24	16.03	17.00
10	256QAM	1	25	16.04	16.11	15.93	17.00
10	256QAM	1	49	16.24	16.21	16.11	17.00
10	256QAM	25	0	15.93	16.13	15.74	17.00
10	256QAM	25	12	15.96	16.11	15.82	17.00
10	256QAM	25	25	15.86	16.15	15.94	17.00
10	256QAM	50	0	15.95	16.06	15.82	17.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.30	21.09	21.09	22.00
5	QPSK	1	12	20.99	21.01	20.69	22.00
5	QPSK	1	24	20.94	21.07	20.81	22.00
5	QPSK	12	0	20.15	20.23	19.98	21.00
5	QPSK	12	7	19.98	20.14	19.67	21.00
5	QPSK	12	13	19.98	20.11	19.76	21.00
5	QPSK	25	0	20.01	20.08	19.82	21.00
5	16QAM	1	0	20.33	20.46	20.18	21.00
5	16QAM	1	12	20.25	20.36	19.99	21.00
5	16QAM	1	24	20.18	20.32	20.03	21.00
5	16QAM	12	0	18.99	19.06	18.80	20.00
5	16QAM	12	7	18.86	19.04	18.73	20.00
5	16QAM	12	13	19.03	19.11	18.83	20.00
5	16QAM	25	0	18.93	19.07	18.85	20.00
5	64QAM	1	0	19.10	19.26	19.02	20.00
5	64QAM	1	12	19.13	19.27	18.96	20.00
5	64QAM	1	24	19.15	19.25	18.99	20.00
5	64QAM	12	0	17.94	18.02	17.88	19.00
5	64QAM	12	7	17.98	18.02	17.76	19.00
5	64QAM	12	13	18.00	18.05	17.90	19.00
5	64QAM	25	0	17.98	18.11	17.85	19.00
5	256QAM	1	0	16.17	16.21	16.02	17.00
5	256QAM	1	12	16.10	16.17	15.93	17.00
5	256QAM	1	24	16.13	16.30	16.03	17.00
5	256QAM	12	0	15.93	16.08	15.83	17.00
5	256QAM	12	7	15.88	16.02	15.91	17.00
5	256QAM	12	13	15.98	16.14	15.94	17.00
5	256QAM	25	0	16.00	16.12	15.81	17.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.22	21.04	21.13	22.00
3	QPSK	1	8	20.90	21.00	20.71	22.00
3	QPSK	1	14	20.89	21.17	20.88	22.00
3	QPSK	8	0	20.15	20.27	19.95	21.00
3	QPSK	8	4	19.98	20.03	19.80	21.00
3	QPSK	8	7	19.89	20.18	19.78	21.00
3	QPSK	15	0	19.96	20.13	19.89	21.00
3	16QAM	1	0	20.35	20.47	20.10	21.00
3	16QAM	1	8	20.28	20.43	20.03	21.00
3	16QAM	1	14	20.19	20.35	20.04	21.00
3	16QAM	8	0	18.92	19.10	18.86	20.00
3	16QAM	8	4	18.91	19.11	18.69	20.00
3	16QAM	8	7	18.91	19.18	18.79	20.00
3	16QAM	15	0	18.94	19.08	18.80	20.00
3	64QAM	1	0	19.16	19.32	19.10	20.00
3	64QAM	1	8	19.07	19.23	18.96	20.00
3	64QAM	1	14	19.15	19.28	19.05	20.00
3	64QAM	8	0	17.98	18.14	17.91	19.00
3	64QAM	8	4	17.99	18.11	17.81	19.00
3	64QAM	8	7	17.98	18.09	17.90	19.00
3	64QAM	15	0	17.98	18.04	17.87	19.00
3	256QAM	1	0	16.07	16.29	16.03	17.00
3	256QAM	1	8	16.03	16.12	15.96	17.00
3	256QAM	1	14	16.20	16.26	16.06	17.00
3	256QAM	8	0	15.95	16.13	15.81	17.00
3	256QAM	8	4	15.90	16.01	15.85	17.00
3	256QAM	8	7	15.97	16.05	15.89	17.00



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3	256QAM	15	0	15.88	16.04	15.91	17.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.22	21.07	21.03	22.00
1.4	QPSK	1	3	20.88	21.01	20.70	22.00
1.4	QPSK	1	5	20.93	21.09	20.83	22.00
1.4	QPSK	3	0	21.11	21.23	20.88	22.00
1.4	QPSK	3	1	21.00	21.05	20.79	22.00
1.4	QPSK	3	3	20.96	21.19	20.86	22.00
1.4	QPSK	6	0	19.99	20.19	19.95	21.00
1.4	16QAM	1	0	20.29	20.54	20.11	21.00
1.4	16QAM	1	3	20.27	20.38	20.04	21.00
1.4	16QAM	1	5	20.24	20.32	20.01	21.00
1.4	16QAM	3	0	19.93	20.03	19.82	21.00
1.4	16QAM	3	1	19.97	20.01	19.69	21.00
1.4	16QAM	3	3	20.02	20.14	19.80	21.00
1.4	16QAM	6	0	18.91	19.04	18.87	20.00
1.4	64QAM	1	0	19.07	19.29	19.03	20.00
1.4	64QAM	1	3	19.17	19.34	18.90	20.00
1.4	64QAM	1	5	19.19	19.28	19.01	20.00
1.4	64QAM	3	0	18.90	19.05	18.78	20.00
1.4	64QAM	3	1	18.92	19.07	18.84	20.00
1.4	64QAM	3	3	19.01	19.13	18.95	20.00
1.4	64QAM	6	0	18.03	18.10	17.90	19.00
1.4	256QAM	1	0	16.17	16.22	16.08	17.00
1.4	256QAM	1	3	16.05	16.17	15.93	17.00
1.4	256QAM	1	5	16.15	16.24	16.12	17.00
1.4	256QAM	3	0	15.92	16.15	15.80	17.00
1.4	256QAM	3	1	15.94	16.02	15.88	17.00
1.4	256QAM	3	3	15.93	16.13	15.83	17.00
1.4	256QAM	6	0	15.88	16.05	15.85	17.00

【LTE Band 66_Ant 4_full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.25	23.45	23.23	24.00
20	QPSK	1	49	23.09	23.36	23.19	24.00
20	QPSK	1	99	23.15	23.29	23.14	24.00
20	QPSK	50	0	22.35	22.45	22.32	23.00
20	QPSK	50	24	22.31	22.42	22.23	23.00
20	QPSK	50	50	22.26	22.35	22.17	23.00
20	QPSK	100	0	22.32	22.34	22.24	23.00
20	16QAM	1	0	22.30	22.43	22.25	23.00
20	16QAM	1	49	22.26	22.40	22.20	23.00
20	16QAM	1	99	22.28	22.37	22.16	23.00
20	16QAM	50	0	21.33	21.45	21.14	22.00
20	16QAM	50	24	21.27	21.49	21.28	22.00
20	16QAM	50	50	21.23	21.36	21.22	22.00
20	16QAM	100	0	21.24	21.38	21.19	22.00
20	64QAM	1	0	21.27	21.39	21.18	22.00
20	64QAM	1	49	21.33	21.43	21.29	22.00
20	64QAM	1	99	21.27	21.40	21.15	22.00
20	64QAM	50	0	20.18	20.49	20.21	21.00
20	64QAM	50	24	20.23	20.34	20.26	21.00
20	64QAM	50	50	20.31	20.39	20.16	21.00
20	64QAM	100	0	20.19	20.33	20.14	21.00
20	256QAM	1	0	18.18	18.40	18.12	19.00
20	256QAM	1	49	18.17	18.36	18.20	19.00
20	256QAM	1	99	18.30	18.39	18.22	19.00
20	256QAM	50	0	18.20	18.43	18.22	19.00
20	256QAM	50	24	18.17	18.42	18.10	19.00
20	256QAM	50	50	18.18	18.45	18.27	19.00
20	256QAM	100	0	18.31	18.47	18.27	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.16	23.38	23.15	24.00
15	QPSK	1	37	23.06	23.25	23.09	24.00
15	QPSK	1	74	23.00	23.15	23.05	24.00
15	QPSK	36	0	22.32	22.33	22.25	23.00
15	QPSK	36	20	22.27	22.31	22.20	23.00



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15	QPSK	36	39	22.14	22.26	22.09	23.00
15	QPSK	75	0	22.19	22.31	22.22	23.00
15	16QAM	1	0	22.29	22.37	22.15	23.00
15	16QAM	1	37	22.14	22.28	22.18	23.00
15	16QAM	1	74	22.19	22.27	22.12	23.00
15	16QAM	36	0	21.26	21.40	21.13	22.00
15	16QAM	36	20	21.20	21.39	21.14	22.00
15	16QAM	36	39	21.12	21.23	21.11	22.00
15	16QAM	75	0	21.19	21.27	21.18	22.00
15	64QAM	1	0	21.17	21.33	21.14	22.00
15	64QAM	1	37	21.24	21.29	21.18	22.00
15	64QAM	1	74	21.23	21.25	21.03	22.00
15	64QAM	36	0	20.08	20.48	20.08	21.00
15	64QAM	36	20	20.20	20.32	20.15	21.00
15	64QAM	36	39	20.27	20.29	20.02	21.00
15	64QAM	75	0	20.18	20.30	20.02	21.00
15	256QAM	1	0	18.17	18.26	18.09	19.00
15	256QAM	1	37	18.14	18.26	18.14	19.00
15	256QAM	1	74	18.21	18.36	18.10	19.00
15	256QAM	36	0	18.10	18.40	18.11	19.00
15	256QAM	36	20	18.11	18.30	17.97	19.00
15	256QAM	36	39	18.03	18.36	18.15	19.00
15	256QAM	75	0	18.27	18.43	18.14	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.18	23.37	23.10	24.00
10	QPSK	1	25	22.98	23.33	23.08	24.00
10	QPSK	1	49	23.12	23.24	23.11	24.00
10	QPSK	25	0	22.32	22.37	22.27	23.00
10	QPSK	25	12	22.26	22.29	22.11	23.00
10	QPSK	25	25	22.22	22.21	22.15	23.00
10	QPSK	50	0	22.28	22.28	22.22	23.00
10	16QAM	1	0	22.19	22.37	22.11	23.00
10	16QAM	1	25	22.22	22.33	22.08	23.00
10	16QAM	1	49	22.24	22.29	22.10	23.00
10	16QAM	25	0	21.28	21.44	21.07	22.00
10	16QAM	25	12	21.18	21.35	21.15	22.00
10	16QAM	25	25	21.13	21.24	21.17	22.00
10	16QAM	50	0	21.10	21.33	21.09	22.00
10	64QAM	1	0	21.23	21.29	21.13	22.00
10	64QAM	1	25	21.23	21.38	21.20	22.00
10	64QAM	1	49	21.14	21.37	21.02	22.00
10	64QAM	25	0	20.06	20.46	20.10	21.00
10	64QAM	25	12	20.08	20.26	20.21	21.00
10	64QAM	25	25	20.20	20.33	20.02	21.00
10	64QAM	50	0	20.14	20.27	20.10	21.00
10	256QAM	1	0	18.15	18.26	18.02	19.00
10	256QAM	1	25	18.06	18.31	18.14	19.00
10	256QAM	1	49	18.16	18.26	18.17	19.00
10	256QAM	25	0	18.17	18.41	18.11	19.00
10	256QAM	25	12	18.03	18.33	18.08	19.00
10	256QAM	25	25	18.05	18.40	18.18	19.00
10	256QAM	50	0	18.19	18.42	18.15	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.16	23.32	23.08	24.00
5	QPSK	1	12	23.01	23.33	23.06	24.00
5	QPSK	1	24	23.10	23.16	23.01	24.00
5	QPSK	12	0	22.24	22.42	22.31	23.00
5	QPSK	12	7	22.27	22.30	22.16	23.00
5	QPSK	12	13	22.17	22.21	22.10	23.00
5	QPSK	25	0	22.25	22.31	22.09	23.00
5	16QAM	1	0	22.20	22.41	22.14	23.00
5	16QAM	1	12	22.12	22.37	22.18	23.00
5	16QAM	1	24	22.27	22.25	22.07	23.00
5	16QAM	12	0	21.22	21.43	21.05	22.00
5	16QAM	12	7	21.15	21.36	21.19	22.00
5	16QAM	12	13	21.19	21.24	21.18	22.00
5	16QAM	25	0	21.16	21.31	21.13	22.00
5	64QAM	1	0	21.14	21.32	21.07	22.00
5	64QAM	1	12	21.24	21.28	21.27	22.00
5	64QAM	1	24	21.23	21.37	21.06	22.00
5	64QAM	12	0	20.11	20.35	20.12	21.00
5	64QAM	12	7	20.12	20.19	20.20	21.00
5	64QAM	12	13	20.22	20.27	20.03	21.00
5	64QAM	25	0	20.04	20.27	20.02	21.00
5	256QAM	1	0	18.06	18.32	18.04	19.00
5	256QAM	1	12	18.04	18.30	18.18	19.00



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5	256QAM	1	24	18.16	18.36	18.09	19.00
5	256QAM	12	0	18.18	18.37	18.08	19.00
5	256QAM	12	7	18.04	18.29	18.08	19.00
5	256QAM	12	13	18.14	18.40	18.22	19.00
5	256QAM	25	0	18.29	18.45	18.20	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.14	23.37	23.16	24.00
3	QPSK	1	8	22.95	23.24	23.11	24.00
3	QPSK	1	14	23.06	23.16	23.10	24.00
3	QPSK	8	0	22.21	22.40	22.21	23.00
3	QPSK	8	4	22.21	22.40	22.18	23.00
3	QPSK	8	7	22.24	22.31	22.06	23.00
3	QPSK	15	0	22.28	22.28	22.12	23.00
3	16QAM	1	0	22.17	22.36	22.15	23.00
3	16QAM	1	8	22.20	22.33	22.17	23.00
3	16QAM	1	14	22.15	22.22	22.15	23.00
3	16QAM	8	0	21.26	21.35	21.13	22.00
3	16QAM	8	4	21.25	21.45	21.13	22.00
3	16QAM	8	7	21.15	21.33	21.15	22.00
3	16QAM	15	0	21.12	21.27	21.12	22.00
3	64QAM	1	0	21.20	21.31	21.16	22.00
3	64QAM	1	8	21.25	21.39	21.27	22.00
3	64QAM	1	14	21.19	21.35	21.06	22.00
3	64QAM	8	0	20.05	20.38	20.16	21.00
3	64QAM	8	4	20.16	20.32	20.15	21.00
3	64QAM	8	7	20.24	20.29	20.12	21.00
3	64QAM	15	0	20.15	20.28	20.12	21.00
3	256QAM	1	0	18.14	18.27	18.08	19.00
3	256QAM	1	8	18.03	18.29	18.05	19.00
3	256QAM	1	14	18.20	18.24	18.08	19.00
3	256QAM	8	0	18.09	18.36	18.10	19.00
3	256QAM	8	4	18.04	18.30	17.99	19.00
3	256QAM	8	7	18.11	18.32	18.24	19.00
3	256QAM	15	0	18.23	18.42	18.18	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.15	23.36	23.12	24.00
1.4	QPSK	1	3	23.05	23.22	23.11	24.00
1.4	QPSK	1	5	23.08	23.18	23.07	24.00
1.4	QPSK	3	0	23.26	23.39	23.24	24.00
1.4	QPSK	3	1	23.25	23.36	23.10	24.00
1.4	QPSK	3	3	23.22	23.31	23.07	24.00
1.4	QPSK	6	0	22.23	22.28	22.21	23.00
1.4	16QAM	1	0	22.25	22.40	22.15	23.00
1.4	16QAM	1	3	22.12	22.28	22.06	23.00
1.4	16QAM	1	5	22.18	22.30	22.10	23.00
1.4	16QAM	3	0	22.30	22.35	22.02	23.00
1.4	16QAM	3	1	22.25	22.43	22.15	23.00
1.4	16QAM	3	3	22.19	22.24	22.13	23.00
1.4	16QAM	6	0	21.20	21.34	21.09	22.00
1.4	64QAM	1	0	21.24	21.31	21.15	22.00
1.4	64QAM	1	3	21.21	21.36	21.17	22.00
1.4	64QAM	1	5	21.20	21.31	21.07	22.00
1.4	64QAM	3	0	21.07	21.38	21.11	22.00
1.4	64QAM	3	1	21.12	21.24	21.14	22.00
1.4	64QAM	3	3	21.27	21.27	21.13	22.00
1.4	64QAM	6	0	20.07	20.24	20.10	21.00
1.4	256QAM	1	0	18.09	18.39	18.09	19.00
1.4	256QAM	1	3	18.02	18.27	18.07	19.00
1.4	256QAM	1	5	18.20	18.37	18.16	19.00
1.4	256QAM	3	0	18.18	18.31	18.11	19.00
1.4	256QAM	3	1	18.10	18.34	18.04	19.00
1.4	256QAM	3	3	18.05	18.34	18.22	19.00
1.4	256QAM	6	0	18.27	18.38	18.22	19.00



【LTE Band 66_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.94	16.97	16.91	17.80
20	QPSK	1	49	16.89	16.93	16.90	17.80
20	QPSK	1	99	16.87	16.86	16.85	17.80
20	QPSK	50	0	16.88	16.93	16.89	17.80
20	QPSK	50	24	16.86	16.81	16.86	17.80
20	QPSK	50	50	16.83	16.87	16.84	17.80
20	QPSK	100	0	16.85	16.87	16.83	17.80
20	16QAM	1	0	16.86	16.83	16.91	17.80
20	16QAM	1	49	16.84	16.87	16.85	17.80
20	16QAM	1	99	16.82	16.88	16.87	17.80
20	16QAM	50	0	16.86	16.91	16.92	17.80
20	16QAM	50	24	16.83	16.91	16.90	17.80
20	16QAM	50	50	16.90	16.87	16.86	17.80
20	16QAM	100	0	16.87	16.90	16.84	17.80
20	64QAM	1	0	16.88	16.92	16.88	17.80
20	64QAM	1	49	16.89	16.84	16.90	17.80
20	64QAM	1	99	16.83	16.90	16.83	17.80
20	64QAM	50	0	16.88	16.86	16.88	17.80
20	64QAM	50	24	16.91	16.91	16.86	17.80
20	64QAM	50	50	16.82	16.84	16.86	17.80
20	64QAM	100	0	16.89	16.87	16.83	17.80
20	256QAM	1	0	16.20	16.36	16.14	17.00
20	256QAM	1	49	16.12	16.24	16.00	17.00
20	256QAM	1	99	16.26	16.35	16.13	17.00
20	256QAM	50	0	16.00	16.16	15.89	17.00
20	256QAM	50	24	15.99	16.14	15.92	17.00
20	256QAM	50	50	15.99	16.18	15.96	17.00
20	256QAM	100	0	16.02	16.19	15.96	17.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.89	16.92	16.78	17.80
15	QPSK	1	37	16.78	16.79	16.79	17.80
15	QPSK	1	74	16.85	16.82	16.73	17.80
15	QPSK	36	0	16.74	16.89	16.82	17.80
15	QPSK	36	20	16.76	16.76	16.82	17.80
15	QPSK	36	39	16.75	16.84	16.77	17.80
15	QPSK	75	0	16.77	16.74	16.81	17.80
15	16QAM	1	0	16.74	16.79	16.81	17.80
15	16QAM	1	37	16.76	16.75	16.83	17.80
15	16QAM	1	74	16.78	16.85	16.84	17.80
15	16QAM	36	0	16.73	16.89	16.85	17.80
15	16QAM	36	20	16.72	16.78	16.78	17.80
15	16QAM	36	39	16.85	16.73	16.81	17.80
15	16QAM	75	0	16.76	16.80	16.79	17.80
15	64QAM	1	0	16.80	16.87	16.75	17.80
15	64QAM	1	37	16.85	16.70	16.80	17.80
15	64QAM	1	74	16.69	16.85	16.70	17.80
15	64QAM	36	0	16.81	16.72	16.77	17.80
15	64QAM	36	20	16.84	16.84	16.85	17.80
15	64QAM	36	39	16.69	16.70	16.84	17.80
15	64QAM	75	0	16.85	16.84	16.78	17.80
15	256QAM	1	0	16.08	16.33	16.11	17.00
15	256QAM	1	37	15.97	16.19	15.92	17.00
15	256QAM	1	74	16.15	16.20	16.06	17.00
15	256QAM	36	0	15.97	16.11	15.84	17.00
15	256QAM	36	20	15.94	16.10	15.86	17.00
15	256QAM	36	39	15.89	16.09	15.87	17.00
15	256QAM	75	0	16.00	16.07	15.91	17.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.87	16.94	16.81	17.80
10	QPSK	1	25	16.86	16.78	16.76	17.80
10	QPSK	1	49	16.72	16.76	16.73	17.80
10	QPSK	25	0	16.75	16.83	16.87	17.80
10	QPSK	25	12	16.76	16.71	16.83	17.80
10	QPSK	25	25	16.71	16.83	16.78	17.80
10	QPSK	50	0	16.81	16.86	16.82	17.80
10	16QAM	1	0	16.80	16.79	16.86	17.80
10	16QAM	1	25	16.80	16.83	16.82	17.80



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10	16QAM	1	49	16.67	16.77	16.80	17.80
10	16QAM	25	0	16.77	16.86	16.88	17.80
10	16QAM	25	12	16.72	16.84	16.80	17.80
10	16QAM	25	25	16.77	16.80	16.76	17.80
10	16QAM	50	0	16.78	16.82	16.69	17.80
10	64QAM	1	0	16.73	16.85	16.75	17.80
10	64QAM	1	25	16.76	16.78	16.77	17.80
10	64QAM	1	49	16.78	16.81	16.78	17.80
10	64QAM	25	0	16.84	16.77	16.82	17.80
10	64QAM	25	12	16.77	16.81	16.74	17.80
10	64QAM	25	25	16.78	16.71	16.75	17.80
10	64QAM	50	0	16.80	16.85	16.81	17.80
10	256QAM	1	0	16.08	16.24	16.03	17.00
10	256QAM	1	25	16.04	16.11	15.93	17.00
10	256QAM	1	49	16.24	16.21	16.11	17.00
10	256QAM	25	0	15.93	16.13	15.74	17.00
10	256QAM	25	12	15.96	16.11	15.82	17.00
10	256QAM	25	25	15.86	16.15	15.94	17.00
10	256QAM	50	0	15.95	16.06	15.82	17.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.87	16.85	16.88	17.80
5	QPSK	1	12	16.75	16.85	16.86	17.80
5	QPSK	1	24	16.83	16.73	16.77	17.80
5	QPSK	12	0	16.82	16.78	16.79	17.80
5	QPSK	12	7	16.85	16.68	16.84	17.80
5	QPSK	12	13	16.80	16.86	16.76	17.80
5	QPSK	25	0	16.76	16.86	16.80	17.80
5	16QAM	1	0	16.78	16.77	16.84	17.80
5	16QAM	1	12	16.73	16.74	16.84	17.80
5	16QAM	1	24	16.72	16.86	16.74	17.80
5	16QAM	12	0	16.72	16.88	16.91	17.80
5	16QAM	12	7	16.73	16.90	16.88	17.80
5	16QAM	12	13	16.86	16.80	16.80	17.80
5	16QAM	25	0	16.75	16.77	16.80	17.80
5	64QAM	1	0	16.79	16.88	16.85	17.80
5	64QAM	1	12	16.78	16.69	16.77	17.80
5	64QAM	1	24	16.82	16.79	16.68	17.80
5	64QAM	12	0	16.86	16.74	16.86	17.80
5	64QAM	12	7	16.82	16.77	16.78	17.80
5	64QAM	12	13	16.78	16.81	16.71	17.80
5	64QAM	25	0	16.75	16.75	16.78	17.80
5	256QAM	1	0	16.17	16.21	16.02	17.00
5	256QAM	1	12	16.10	16.17	15.93	17.00
5	256QAM	1	24	16.13	16.30	16.03	17.00
5	256QAM	12	0	15.93	16.08	15.83	17.00
5	256QAM	12	7	15.88	16.02	15.91	17.00
5	256QAM	12	13	15.98	16.14	15.94	17.00
5	256QAM	25	0	16.00	16.12	15.81	17.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.91	16.84	16.78	17.80
3	QPSK	1	8	16.82	16.90	16.81	17.80
3	QPSK	1	14	16.79	16.73	16.76	17.80
3	QPSK	8	0	16.75	16.80	16.76	17.80
3	QPSK	8	4	16.75	16.76	16.72	17.80
3	QPSK	8	7	16.76	16.78	16.76	17.80
3	QPSK	15	0	16.82	16.77	16.72	17.80
3	16QAM	1	0	16.80	16.73	16.83	17.80
3	16QAM	1	8	16.80	16.78	16.80	17.80
3	16QAM	1	14	16.76	16.84	16.81	17.80
3	16QAM	8	0	16.77	16.82	16.84	17.80
3	16QAM	8	4	16.80	16.81	16.83	17.80
3	16QAM	8	7	16.88	16.82	16.75	17.80
3	16QAM	15	0	16.75	16.85	16.77	17.80
3	64QAM	1	0	16.79	16.88	16.82	17.80
3	64QAM	1	8	16.74	16.70	16.78	17.80
3	64QAM	1	14	16.70	16.84	16.69	17.80
3	64QAM	8	0	16.77	16.81	16.84	17.80
3	64QAM	8	4	16.85	16.84	16.77	17.80
3	64QAM	8	7	16.75	16.82	16.85	17.80
3	64QAM	15	0	16.85	16.74	16.75	17.80
3	256QAM	1	0	16.07	16.29	16.03	17.00
3	256QAM	1	8	16.03	16.12	15.96	17.00
3	256QAM	1	14	16.20	16.26	16.06	17.00
3	256QAM	8	0	15.95	16.13	15.81	17.00
3	256QAM	8	4	15.90	16.01	15.85	17.00
3	256QAM	8	7	15.97	16.05	15.89	17.00



3	256QAM	15	0	15.88	16.04	15.91	17.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.86	16.83	16.79	17.80
1.4	QPSK	1	3	16.76	16.82	16.86	17.80
1.4	QPSK	1	5	16.84	16.84	16.83	17.80
1.4	QPSK	3	0	16.80	16.86	16.76	17.80
1.4	QPSK	3	1	16.71	16.72	16.83	17.80
1.4	QPSK	3	3	16.71	16.84	16.72	17.80
1.4	QPSK	6	0	16.79	16.78	16.75	17.80
1.4	16QAM	1	0	16.85	16.81	16.85	17.80
1.4	16QAM	1	3	16.72	16.74	16.79	17.80
1.4	16QAM	1	5	16.68	16.77	16.72	17.80
1.4	16QAM	3	0	16.77	16.79	16.88	17.80
1.4	16QAM	3	1	16.70	16.85	16.78	17.80
1.4	16QAM	3	3	16.78	16.86	16.71	17.80
1.4	16QAM	6	0	16.79	16.86	16.71	17.80
1.4	64QAM	1	0	16.80	16.90	16.76	17.80
1.4	64QAM	1	3	16.82	16.72	16.75	17.80
1.4	64QAM	1	5	16.68	16.79	16.74	17.80
1.4	64QAM	3	0	16.83	16.74	16.77	17.80
1.4	64QAM	3	1	16.77	16.86	16.76	17.80
1.4	64QAM	3	3	16.73	16.74	16.71	17.80
1.4	64QAM	6	0	16.78	16.84	16.80	17.80
1.4	256QAM	1	0	16.17	16.22	16.08	17.00
1.4	256QAM	1	3	16.05	16.17	15.93	17.00
1.4	256QAM	1	5	16.15	16.24	16.12	17.00
1.4	256QAM	3	0	15.92	16.15	15.80	17.00
1.4	256QAM	3	1	15.94	16.02	15.88	17.00
1.4	256QAM	3	3	15.93	16.13	15.83	17.00
1.4	256QAM	6	0	15.88	16.05	15.85	17.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.90	16.96	16.83	17.80
20	QPSK	1	49	16.79	16.86	16.87	17.80
20	QPSK	1	99	16.76	16.80	16.72	17.80
20	QPSK	50	0	16.76	16.82	16.75	17.80
20	QPSK	50	24	16.81	16.71	16.72	17.80
20	QPSK	50	50	16.70	16.78	16.75	17.80
20	QPSK	100	0	16.78	16.80	16.75	17.80
20	16QAM	1	0	16.78	16.69	16.81	17.80
20	16QAM	1	49	16.72	16.72	16.72	17.80
20	16QAM	1	99	16.70	16.73	16.81	17.80
20	16QAM	50	0	16.76	16.81	16.84	17.80
20	16QAM	50	24	16.76	16.76	16.82	17.80
20	16QAM	50	50	16.77	16.76	16.72	17.80
20	16QAM	100	0	16.78	16.78	16.77	17.80
20	64QAM	1	0	16.84	16.85	16.81	17.80
20	64QAM	1	49	16.85	16.73	16.78	17.80
20	64QAM	1	99	16.79	16.83	16.76	17.80
20	64QAM	50	0	16.81	16.74	16.83	17.80
20	64QAM	50	24	16.78	16.80	16.77	17.80
20	64QAM	50	50	16.68	16.70	16.73	17.80
20	64QAM	100	0	16.82	16.81	16.68	17.80
20	256QAM	1	0	16.75	16.79	16.72	17.80
20	256QAM	1	49	16.80	16.83	16.77	17.80
20	256QAM	1	99	16.81	16.71	16.81	17.80
20	256QAM	50	0	16.83	16.74	16.77	17.80
20	256QAM	50	24	16.80	16.72	16.73	17.80
20	256QAM	50	50	16.72	16.84	16.78	17.80
20	256QAM	100	0	16.79	16.74	16.75	17.80
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.86	16.90	16.71	17.80
15	QPSK	1	37	16.74	16.83	16.74	17.80
15	QPSK	1	74	16.67	16.68	16.69	17.80
15	QPSK	36	0	16.62	16.76	16.62	17.80
15	QPSK	36	20	16.70	16.57	16.69	17.80



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15	QPSK	36	39	16.58	16.64	16.70	17.80
15	QPSK	75	0	16.70	16.73	16.66	17.80
15	16QAM	1	0	16.68	16.55	16.73	17.80
15	16QAM	1	37	16.63	16.60	16.57	17.80
15	16QAM	1	74	16.64	16.59	16.70	17.80
15	16QAM	36	0	16.64	16.79	16.76	17.80
15	16QAM	36	20	16.66	16.72	16.73	17.80
15	16QAM	36	39	16.71	16.74	16.65	17.80
15	16QAM	75	0	16.77	16.66	16.74	17.80
15	64QAM	1	0	16.73	16.80	16.70	17.80
15	64QAM	1	37	16.72	16.64	16.68	17.80
15	64QAM	1	74	16.68	16.73	16.71	17.80
15	64QAM	36	0	16.68	16.65	16.73	17.80
15	64QAM	36	20	16.68	16.78	16.75	17.80
15	64QAM	36	39	16.61	16.67	16.63	17.80
15	64QAM	75	0	16.73	16.76	16.55	17.80
15	256QAM	1	0	16.68	16.76	16.61	17.80
15	256QAM	1	37	16.74	16.78	16.70	17.80
15	256QAM	1	74	16.72	16.65	16.70	17.80
15	256QAM	36	0	16.79	16.64	16.70	17.80
15	256QAM	36	20	16.71	16.64	16.67	17.80
15	256QAM	36	39	16.68	16.82	16.68	17.80
15	256QAM	75	0	16.74	16.70	16.61	17.80
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.79	16.82	16.77	17.80
10	QPSK	1	25	16.74	16.78	16.81	17.80
10	QPSK	1	49	16.74	16.70	16.68	17.80
10	QPSK	25	0	16.63	16.80	16.71	17.80
10	QPSK	25	12	16.67	16.67	16.64	17.80
10	QPSK	25	25	16.59	16.66	16.73	17.80
10	QPSK	50	0	16.68	16.70	16.72	17.80
10	16QAM	1	0	16.72	16.61	16.74	17.80
10	16QAM	1	25	16.63	16.61	16.59	17.80
10	16QAM	1	49	16.67	16.60	16.80	17.80
10	16QAM	25	0	16.68	16.78	16.75	17.80
10	16QAM	25	12	16.62	16.74	16.72	17.80
10	16QAM	25	25	16.72	16.65	16.65	17.80
10	16QAM	50	0	16.72	16.74	16.73	17.80
10	64QAM	1	0	16.74	16.76	16.79	17.80
10	64QAM	1	25	16.74	16.70	16.70	17.80
10	64QAM	1	49	16.72	16.78	16.66	17.80
10	64QAM	25	0	16.78	16.59	16.77	17.80
10	64QAM	25	12	16.73	16.78	16.69	17.80
10	64QAM	25	25	16.66	16.60	16.65	17.80
10	64QAM	50	0	16.72	16.70	16.64	17.80
10	256QAM	1	0	16.67	16.66	16.60	17.80
10	256QAM	1	25	16.66	16.79	16.74	17.80
10	256QAM	1	49	16.73	16.62	16.72	17.80
10	256QAM	25	0	16.82	16.69	16.69	17.80
10	256QAM	25	12	16.70	16.67	16.63	17.80
10	256QAM	25	25	16.58	16.77	16.68	17.80
10	256QAM	50	0	16.64	16.59	16.72	17.80
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.79	16.81	16.69	17.80
5	QPSK	1	12	16.70	16.79	16.82	17.80
5	QPSK	1	24	16.67	16.71	16.60	17.80
5	QPSK	12	0	16.63	16.68	16.69	17.80
5	QPSK	12	7	16.76	16.65	16.60	17.80
5	QPSK	12	13	16.66	16.77	16.61	17.80
5	QPSK	25	0	16.75	16.77	16.70	17.80
5	16QAM	1	0	16.74	16.59	16.77	17.80
5	16QAM	1	12	16.64	16.64	16.67	17.80
5	16QAM	1	24	16.55	16.61	16.68	17.80
5	16QAM	12	0	16.64	16.80	16.79	17.80
5	16QAM	12	7	16.65	16.69	16.80	17.80
5	16QAM	12	13	16.66	16.73	16.58	17.80
5	16QAM	25	0	16.67	16.75	16.66	17.80
5	64QAM	1	0	16.79	16.77	16.77	17.80
5	64QAM	1	12	16.80	16.68	16.67	17.80
5	64QAM	1	24	16.75	16.76	16.66	17.80
5	64QAM	12	0	16.68	16.68	16.70	17.80
5	64QAM	12	7	16.65	16.76	16.73	17.80
5	64QAM	12	13	16.54	16.59	16.67	17.80
5	64QAM	25	0	16.70	16.75	16.62	17.80
5	256QAM	1	0	16.67	16.71	16.67	17.80
5	256QAM	1	12	16.67	16.69	16.74	17.80



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5	256QAM	1	24	16.67	16.67	16.75	17.80
5	256QAM	12	0	16.81	16.67	16.67	17.80
5	256QAM	12	7	16.77	16.66	16.60	17.80
5	256QAM	12	13	16.59	16.77	16.75	17.80
5	256QAM	25	0	16.69	16.68	16.66	17.80
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.76	16.81	16.73	17.80
3	QPSK	1	8	16.69	16.83	16.78	17.80
3	QPSK	1	14	16.70	16.77	16.63	17.80
3	QPSK	8	0	16.72	16.74	16.66	17.80
3	QPSK	8	4	16.69	16.62	16.68	17.80
3	QPSK	8	7	16.63	16.65	16.73	17.80
3	QPSK	15	0	16.68	16.70	16.65	17.80
3	16QAM	1	0	16.68	16.55	16.73	17.80
3	16QAM	1	8	16.66	16.63	16.58	17.80
3	16QAM	1	14	16.62	16.61	16.71	17.80
3	16QAM	8	0	16.65	16.69	16.73	17.80
3	16QAM	8	4	16.67	16.74	16.81	17.80
3	16QAM	8	7	16.65	16.73	16.58	17.80
3	16QAM	15	0	16.66	16.75	16.63	17.80
3	64QAM	1	0	16.81	16.76	16.78	17.80
3	64QAM	1	8	16.83	16.64	16.67	17.80
3	64QAM	1	14	16.78	16.81	16.73	17.80
3	64QAM	8	0	16.70	16.66	16.80	17.80
3	64QAM	8	4	16.66	16.74	16.63	17.80
3	64QAM	8	7	16.55	16.57	16.61	17.80
3	64QAM	15	0	16.76	16.71	16.55	17.80
3	256QAM	1	0	16.62	16.74	16.60	17.80
3	256QAM	1	8	16.73	16.80	16.66	17.80
3	256QAM	1	14	16.71	16.60	16.76	17.80
3	256QAM	8	0	16.71	16.62	16.67	17.80
3	256QAM	8	4	16.70	16.63	16.66	17.80
3	256QAM	8	7	16.66	16.76	16.70	17.80
3	256QAM	15	0	16.68	16.64	16.73	17.80
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.76	16.95	16.68	17.80
1.4	QPSK	1	3	16.71	16.85	16.75	17.80
1.4	QPSK	1	5	16.71	16.71	16.71	17.80
1.4	QPSK	3	0	16.68	16.74	16.69	17.80
1.4	QPSK	3	1	16.67	16.62	16.64	17.80
1.4	QPSK	3	3	16.64	16.64	16.68	17.80
1.4	QPSK	6	0	16.77	16.77	16.72	17.80
1.4	16QAM	1	0	16.68	16.56	16.68	17.80
1.4	16QAM	1	3	16.64	16.61	16.59	17.80
1.4	16QAM	1	5	16.59	16.71	16.68	17.80
1.4	16QAM	3	0	16.68	16.79	16.82	17.80
1.4	16QAM	3	1	16.67	16.75	16.68	17.80
1.4	16QAM	3	3	16.62	16.68	16.68	17.80
1.4	16QAM	6	0	16.66	16.65	16.63	17.80
1.4	64QAM	1	0	16.72	16.75	16.77	17.80
1.4	64QAM	1	3	16.78	16.60	16.65	17.80
1.4	64QAM	1	5	16.76	16.70	16.61	17.80
1.4	64QAM	3	0	16.68	16.71	16.74	17.80
1.4	64QAM	3	1	16.75	16.75	16.64	17.80
1.4	64QAM	3	3	16.65	16.59	16.69	17.80
1.4	64QAM	6	0	16.75	16.76	16.62	17.80
1.4	256QAM	1	0	16.68	16.72	16.60	17.80
1.4	256QAM	1	3	16.70	16.82	16.69	17.80
1.4	256QAM	1	5	16.78	16.62	16.75	17.80
1.4	256QAM	3	0	16.79	16.68	16.66	17.80
1.4	256QAM	3	1	16.73	16.59	16.69	17.80
1.4	256QAM	3	3	16.66	16.73	16.65	17.80
1.4	256QAM	6	0	16.70	16.65	16.71	17.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.51	18.59	18.54	19.50
20	QPSK	1	49	18.42	18.41	18.38	19.50
20	QPSK	1	99	18.48	18.39	18.47	19.50
20	QPSK	50	0	18.45	18.52	18.50	19.50
20	QPSK	50	24	18.43	18.48	18.38	19.50
20	QPSK	50	50	18.40	18.47	18.41	19.50
20	QPSK	100	0	18.43	18.46	18.44	19.50
20	16QAM	1	0	18.37	18.37	18.47	19.50
20	16QAM	1	49	18.37	18.48	18.41	19.50
20	16QAM	1	99	18.38	18.41	18.44	19.50
20	16QAM	50	0	18.42	18.46	18.43	19.50
20	16QAM	50	24	18.40	18.43	18.38	19.50
20	16QAM	50	50	18.40	18.46	18.37	19.50
20	16QAM	100	0	18.39	18.39	18.38	19.50
20	64QAM	1	0	18.38	18.40	18.41	19.50
20	64QAM	1	49	18.42	18.40	18.49	19.50
20	64QAM	1	99	18.44	18.48	18.49	19.50
20	64QAM	50	0	18.39	18.45	18.37	19.50
20	64QAM	50	24	18.43	18.38	18.41	19.50
20	64QAM	50	50	18.42	18.46	18.45	19.50
20	64QAM	100	0	18.40	18.38	18.43	19.50
20	256QAM	1	0	16.20	16.36	16.14	17.00
20	256QAM	1	49	16.12	16.24	16.00	17.00
20	256QAM	1	99	16.26	16.35	16.13	17.00
20	256QAM	50	0	16.00	16.16	15.89	17.00
20	256QAM	50	24	15.99	16.14	15.92	17.00
20	256QAM	50	50	15.99	16.18	15.96	17.00
20	256QAM	100	0	16.02	16.19	15.96	17.00
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.45	18.49	18.41	19.50
15	QPSK	1	37	18.32	18.29	18.26	19.50
15	QPSK	1	74	18.35	18.24	18.37	19.50
15	QPSK	36	0	18.41	18.38	18.49	19.50
15	QPSK	36	20	18.41	18.43	18.25	19.50
15	QPSK	36	39	18.30	18.44	18.36	19.50
15	QPSK	75	0	18.30	18.33	18.38	19.50
15	16QAM	1	0	18.29	18.23	18.40	19.50
15	16QAM	1	37	18.34	18.41	18.26	19.50
15	16QAM	1	74	18.24	18.39	18.38	19.50
15	16QAM	36	0	18.29	18.36	18.38	19.50
15	16QAM	36	20	18.27	18.28	18.34	19.50
15	16QAM	36	39	18.34	18.36	18.33	19.50
15	16QAM	75	0	18.35	18.26	18.27	19.50
15	64QAM	1	0	18.34	18.32	18.39	19.50
15	64QAM	1	37	18.39	18.34	18.39	19.50
15	64QAM	1	74	18.40	18.41	18.42	19.50
15	64QAM	36	0	18.32	18.33	18.31	19.50
15	64QAM	36	20	18.39	18.26	18.29	19.50
15	64QAM	36	39	18.32	18.36	18.32	19.50
15	64QAM	75	0	18.26	18.29	18.38	19.50
15	256QAM	1	0	16.16	16.27	16.05	17.00
15	256QAM	1	37	15.99	16.10	15.87	17.00
15	256QAM	1	74	16.13	16.33	16.11	17.00
15	256QAM	36	0	15.98	16.05	15.75	17.00
15	256QAM	36	20	15.93	16.13	15.77	17.00
15	256QAM	36	39	15.90	16.12	15.92	17.00
15	256QAM	75	0	15.91	16.07	15.91	17.00
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.46	18.55	18.47	19.50
10	QPSK	1	25	18.29	18.33	18.34	19.50
10	QPSK	1	49	18.36	18.34	18.36	19.50
10	QPSK	25	0	18.38	18.41	18.45	19.50
10	QPSK	25	12	18.32	18.43	18.24	19.50
10	QPSK	25	25	18.38	18.35	18.33	19.50
10	QPSK	50	0	18.37	18.42	18.29	19.50
10	16QAM	1	0	18.26	18.25	18.36	19.50
10	16QAM	1	25	18.29	18.33	18.36	19.50



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10	16QAM	1	49	18.37	18.35	18.36	19.50
10	16QAM	25	0	18.35	18.31	18.34	19.50
10	16QAM	25	12	18.33	18.39	18.26	19.50
10	16QAM	25	25	18.32	18.42	18.26	19.50
10	16QAM	50	0	18.38	18.26	18.27	19.50
10	64QAM	1	0	18.35	18.29	18.33	19.50
10	64QAM	1	25	18.30	18.34	18.40	19.50
10	64QAM	1	49	18.33	18.36	18.42	19.50
10	64QAM	25	0	18.34	18.33	18.25	19.50
10	64QAM	25	12	18.33	18.34	18.36	19.50
10	64QAM	25	25	18.37	18.39	18.34	19.50
10	64QAM	50	0	18.35	18.23	18.37	19.50
10	256QAM	1	0	16.15	16.22	16.11	17.00
10	256QAM	1	25	16.03	16.16	15.95	17.00
10	256QAM	1	49	16.15	16.33	16.00	17.00
10	256QAM	25	0	15.90	16.03	15.82	17.00
10	256QAM	25	12	15.84	16.11	15.80	17.00
10	256QAM	25	25	15.96	16.10	15.86	17.00
10	256QAM	50	0	15.90	16.11	15.90	17.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.38	18.44	18.48	19.50
5	QPSK	1	12	18.39	18.39	18.29	19.50
5	QPSK	1	24	18.43	18.37	18.36	19.50
5	QPSK	12	0	18.31	18.49	18.35	19.50
5	QPSK	12	7	18.30	18.41	18.27	19.50
5	QPSK	12	13	18.27	18.35	18.27	19.50
5	QPSK	25	0	18.36	18.40	18.36	19.50
5	16QAM	1	0	18.30	18.25	18.36	19.50
5	16QAM	1	12	18.28	18.34	18.33	19.50
5	16QAM	1	24	18.36	18.39	18.37	19.50
5	16QAM	12	0	18.33	18.38	18.32	19.50
5	16QAM	12	7	18.33	18.30	18.31	19.50
5	16QAM	12	13	18.30	18.36	18.31	19.50
5	16QAM	25	0	18.31	18.31	18.36	19.50
5	64QAM	1	0	18.28	18.39	18.26	19.50
5	64QAM	1	12	18.35	18.35	18.42	19.50
5	64QAM	1	24	18.30	18.38	18.44	19.50
5	64QAM	12	0	18.35	18.41	18.24	19.50
5	64QAM	12	7	18.36	18.31	18.32	19.50
5	64QAM	12	13	18.39	18.34	18.32	19.50
5	64QAM	25	0	18.35	18.30	18.37	19.50
5	256QAM	1	0	16.13	16.22	16.06	17.00
5	256QAM	1	12	15.98	16.19	15.88	17.00
5	256QAM	1	24	16.21	16.34	15.99	17.00
5	256QAM	12	0	15.96	16.15	15.78	17.00
5	256QAM	12	7	15.93	16.01	15.79	17.00
5	256QAM	12	13	15.89	16.07	15.91	17.00
5	256QAM	25	0	15.97	16.15	15.83	17.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.37	18.49	18.45	19.50
3	QPSK	1	8	18.33	18.28	18.24	19.50
3	QPSK	1	14	18.33	18.35	18.36	19.50
3	QPSK	8	0	18.38	18.46	18.41	19.50
3	QPSK	8	4	18.31	18.46	18.34	19.50
3	QPSK	8	7	18.39	18.34	18.37	19.50
3	QPSK	15	0	18.38	18.33	18.42	19.50
3	16QAM	1	0	18.30	18.33	18.42	19.50
3	16QAM	1	8	18.29	18.40	18.36	19.50
3	16QAM	1	14	18.28	18.28	18.39	19.50
3	16QAM	8	0	18.36	18.36	18.37	19.50
3	16QAM	8	4	18.33	18.28	18.25	19.50
3	16QAM	8	7	18.26	18.44	18.24	19.50
3	16QAM	15	0	18.25	18.38	18.25	19.50
3	64QAM	1	0	18.24	18.34	18.34	19.50
3	64QAM	1	8	18.37	18.28	18.37	19.50
3	64QAM	1	14	18.39	18.41	18.42	19.50
3	64QAM	8	0	18.26	18.32	18.34	19.50
3	64QAM	8	4	18.28	18.26	18.38	19.50
3	64QAM	8	7	18.34	18.36	18.41	19.50
3	64QAM	15	0	18.35	18.29	18.32	19.50
3	256QAM	1	0	16.14	16.32	16.06	17.00
3	256QAM	1	8	16.06	16.20	15.94	17.00
3	256QAM	1	14	16.21	16.24	16.09	17.00
3	256QAM	8	0	15.89	16.14	15.82	17.00
3	256QAM	8	4	15.88	16.04	15.85	17.00
3	256QAM	8	7	15.95	16.17	15.93	17.00



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3	256QAM	15	0	15.96	16.10	15.84	17.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.40	18.49	18.42	19.50
1.4	QPSK	1	3	18.37	18.36	18.26	19.50
1.4	QPSK	1	5	18.37	18.27	18.45	19.50
1.4	QPSK	3	0	18.38	18.43	18.37	19.50
1.4	QPSK	3	1	18.37	18.39	18.36	19.50
1.4	QPSK	3	3	18.36	18.43	18.39	19.50
1.4	QPSK	6	0	18.40	18.45	18.36	19.50
1.4	16QAM	1	0	18.26	18.27	18.35	19.50
1.4	16QAM	1	3	18.25	18.39	18.37	19.50
1.4	16QAM	1	5	18.30	18.39	18.37	19.50
1.4	16QAM	3	0	18.33	18.40	18.32	19.50
1.4	16QAM	3	1	18.28	18.37	18.23	19.50
1.4	16QAM	3	3	18.38	18.42	18.32	19.50
1.4	16QAM	6	0	18.38	18.38	18.32	19.50
1.4	64QAM	1	0	18.27	18.37	18.37	19.50
1.4	64QAM	1	3	18.28	18.35	18.36	19.50
1.4	64QAM	1	5	18.35	18.41	18.44	19.50
1.4	64QAM	3	0	18.28	18.42	18.26	19.50
1.4	64QAM	3	1	18.42	18.36	18.36	19.50
1.4	64QAM	3	3	18.41	18.36	18.30	19.50
1.4	64QAM	6	0	18.32	18.30	18.32	19.50
1.4	256QAM	1	0	16.10	16.28	16.02	17.00
1.4	256QAM	1	3	15.98	16.10	15.90	17.00
1.4	256QAM	1	5	16.14	16.31	16.02	17.00
1.4	256QAM	3	0	15.95	16.01	15.87	17.00
1.4	256QAM	3	1	15.90	16.04	15.86	17.00
1.4	256QAM	3	3	15.91	16.06	15.83	17.00
1.4	256QAM	6	0	15.98	16.13	15.95	17.00

【LTE Band 66_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.39	18.54	18.47	19.50
20	QPSK	1	49	18.33	18.36	18.25	19.50
20	QPSK	1	99	18.33	18.31	18.36	19.50
20	QPSK	50	0	18.35	18.47	18.41	19.50
20	QPSK	50	24	18.28	18.38	18.24	19.50
20	QPSK	50	50	18.33	18.33	18.27	19.50
20	QPSK	100	0	18.33	18.36	18.39	19.50
20	16QAM	1	0	18.33	18.34	18.36	19.50
20	16QAM	1	49	18.26	18.34	18.32	19.50
20	16QAM	1	99	18.23	18.35	18.31	19.50
20	16QAM	50	0	18.36	18.34	18.32	19.50
20	16QAM	50	24	18.30	18.36	18.30	19.50
20	16QAM	50	50	18.35	18.37	18.32	19.50
20	16QAM	100	0	18.28	18.30	18.25	19.50
20	64QAM	1	0	18.32	18.33	18.37	19.50
20	64QAM	1	49	18.29	18.25	18.38	19.50
20	64QAM	1	99	18.37	18.38	18.42	19.50
20	64QAM	50	0	18.25	18.33	18.30	19.50
20	64QAM	50	24	18.30	18.35	18.31	19.50
20	64QAM	50	50	18.32	18.35	18.37	19.50
20	64QAM	100	0	18.28	18.33	18.39	19.50
20	256QAM	1	0	18.01	18.03	17.99	18.50
20	256QAM	1	49	17.97	18.00	17.86	18.50
20	256QAM	1	99	17.96	17.91	18.03	18.50
20	256QAM	50	0	17.90	17.88	17.93	18.50
20	256QAM	50	24	17.93	17.92	17.86	18.50
20	256QAM	50	50	17.97	17.99	17.93	18.50
20	256QAM	100	0	17.99	17.97	17.91	18.50
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.35	18.49	18.37	19.50
15	QPSK	1	37	18.19	18.27	18.24	19.50
15	QPSK	1	74	18.25	18.27	18.25	19.50
15	QPSK	36	0	18.27	18.42	18.34	19.50
15	QPSK	36	20	18.24	18.34	18.19	19.50



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15	QPSK	36	39	18.22	18.29	18.16	19.50
15	QPSK	75	0	18.23	18.28	18.31	19.50
15	16QAM	1	0	18.30	18.24	18.33	19.50
15	16QAM	1	37	18.15	18.22	18.25	19.50
15	16QAM	1	74	18.18	18.27	18.17	19.50
15	16QAM	36	0	18.28	18.21	18.24	19.50
15	16QAM	36	20	18.23	18.30	18.29	19.50
15	16QAM	36	39	18.28	18.34	18.25	19.50
15	16QAM	75	0	18.14	18.27	18.23	19.50
15	64QAM	1	0	18.25	18.31	18.35	19.50
15	64QAM	1	37	18.25	18.20	18.35	19.50
15	64QAM	1	74	18.36	18.33	18.38	19.50
15	64QAM	36	0	18.14	18.30	18.26	19.50
15	64QAM	36	20	18.21	18.33	18.18	19.50
15	64QAM	36	39	18.30	18.26	18.25	19.50
15	64QAM	75	0	18.14	18.21	18.32	19.50
15	256QAM	1	0	17.98	17.99	17.96	18.50
15	256QAM	1	37	17.96	17.98	17.74	18.50
15	256QAM	1	74	17.83	17.84	17.96	18.50
15	256QAM	36	0	17.78	17.83	17.79	18.50
15	256QAM	36	20	17.84	17.91	17.71	18.50
15	256QAM	36	39	17.95	17.86	17.89	18.50
15	256QAM	75	0	17.89	17.93	17.80	18.50
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	18.28	18.43	18.37	19.50
10	QPSK	1	25	18.30	18.24	18.18	19.50
10	QPSK	1	49	18.23	18.23	18.30	19.50
10	QPSK	25	0	18.24	18.45	18.40	19.50
10	QPSK	25	12	18.15	18.35	18.22	19.50
10	QPSK	25	25	18.31	18.31	18.25	19.50
10	QPSK	50	0	18.30	18.29	18.27	19.50
10	16QAM	1	0	18.21	18.30	18.31	19.50
10	16QAM	1	25	18.21	18.31	18.27	19.50
10	16QAM	1	49	18.18	18.24	18.24	19.50
10	16QAM	25	0	18.23	18.20	18.23	19.50
10	16QAM	25	12	18.17	18.22	18.18	19.50
10	16QAM	25	25	18.27	18.26	18.31	19.50
10	16QAM	50	0	18.21	18.16	18.13	19.50
10	64QAM	1	0	18.30	18.21	18.33	19.50
10	64QAM	1	25	18.16	18.21	18.26	19.50
10	64QAM	1	49	18.31	18.28	18.33	19.50
10	64QAM	25	0	18.23	18.30	18.15	19.50
10	64QAM	25	12	18.23	18.25	18.23	19.50
10	64QAM	25	25	18.30	18.23	18.31	19.50
10	64QAM	50	0	18.24	18.18	18.25	19.50
10	256QAM	1	0	17.88	17.95	17.86	18.50
10	256QAM	1	25	17.86	17.88	17.78	18.50
10	256QAM	1	49	17.84	17.83	17.88	18.50
10	256QAM	25	0	17.77	17.74	17.84	18.50
10	256QAM	25	12	17.80	17.90	17.84	18.50
10	256QAM	25	25	17.94	17.90	17.87	18.50
10	256QAM	50	0	17.94	17.92	17.81	18.50
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	18.31	18.45	18.36	19.50
5	QPSK	1	12	18.18	18.30	18.21	19.50
5	QPSK	1	24	18.28	18.29	18.25	19.50
5	QPSK	12	0	18.34	18.43	18.32	19.50
5	QPSK	12	7	18.27	18.31	18.15	19.50
5	QPSK	12	13	18.25	18.25	18.18	19.50
5	QPSK	25	0	18.19	18.29	18.25	19.50
5	16QAM	1	0	18.19	18.27	18.26	19.50
5	16QAM	1	12	18.20	18.25	18.30	19.50
5	16QAM	1	24	18.14	18.27	18.17	19.50
5	16QAM	12	0	18.26	18.21	18.31	19.50
5	16QAM	12	7	18.20	18.31	18.26	19.50
5	16QAM	12	13	18.30	18.26	18.24	19.50
5	16QAM	25	0	18.26	18.19	18.14	19.50
5	64QAM	1	0	18.18	18.31	18.28	19.50
5	64QAM	1	12	18.24	18.22	18.35	19.50
5	64QAM	1	24	18.34	18.31	18.30	19.50
5	64QAM	12	0	18.21	18.22	18.16	19.50
5	64QAM	12	7	18.26	18.27	18.27	19.50
5	64QAM	12	13	18.18	18.29	18.36	19.50
5	64QAM	25	0	18.21	18.26	18.27	19.50
5	256QAM	1	0	17.93	18.01	17.92	18.50
5	256QAM	1	12	17.87	17.94	17.71	18.50



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5	256QAM	1	24	17.87	17.86	18.01	18.50
5	256QAM	12	0	17.76	17.79	17.88	18.50
5	256QAM	12	7	17.87	17.88	17.73	18.50
5	256QAM	12	13	17.88	17.96	17.81	18.50
5	256QAM	25	0	17.97	17.84	17.89	18.50
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	18.31	18.51	18.36	19.50
3	QPSK	1	8	18.19	18.22	18.18	19.50
3	QPSK	1	14	18.24	18.29	18.24	19.50
3	QPSK	8	0	18.30	18.35	18.34	19.50
3	QPSK	8	4	18.22	18.26	18.17	19.50
3	QPSK	8	7	18.28	18.18	18.19	19.50
3	QPSK	15	0	18.29	18.34	18.25	19.50
3	16QAM	1	0	18.30	18.32	18.34	19.50
3	16QAM	1	8	18.15	18.33	18.28	19.50
3	16QAM	1	14	18.14	18.21	18.28	19.50
3	16QAM	8	0	18.31	18.27	18.23	19.50
3	16QAM	8	4	18.22	18.28	18.22	19.50
3	16QAM	8	7	18.21	18.31	18.28	19.50
3	16QAM	15	0	18.14	18.25	18.23	19.50
3	64QAM	1	0	18.20	18.22	18.33	19.50
3	64QAM	1	8	18.27	18.16	18.35	19.50
3	64QAM	1	14	18.23	18.36	18.32	19.50
3	64QAM	8	0	18.20	18.19	18.16	19.50
3	64QAM	8	4	18.21	18.31	18.18	19.50
3	64QAM	8	7	18.19	18.28	18.30	19.50
3	64QAM	15	0	18.19	18.22	18.25	19.50
3	256QAM	1	0	17.97	17.94	17.94	18.50
3	256QAM	1	8	17.87	17.97	17.80	18.50
3	256QAM	1	14	17.91	17.84	17.92	18.50
3	256QAM	8	0	17.84	17.75	17.84	18.50
3	256QAM	8	4	17.83	17.80	17.82	18.50
3	256QAM	8	7	17.91	17.94	17.80	18.50
3	256QAM	15	0	17.85	17.89	17.86	18.50
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	18.34	18.53	18.46	19.50
1.4	QPSK	1	3	18.20	18.31	18.23	19.50
1.4	QPSK	1	5	18.18	18.20	18.23	19.50
1.4	QPSK	3	0	18.20	18.33	18.39	19.50
1.4	QPSK	3	1	18.22	18.27	18.16	19.50
1.4	QPSK	3	3	18.30	18.19	18.23	19.50
1.4	QPSK	6	0	18.25	18.26	18.34	19.50
1.4	16QAM	1	0	18.26	18.26	18.24	19.50
1.4	16QAM	1	3	18.23	18.20	18.30	19.50
1.4	16QAM	1	5	18.14	18.24	18.22	19.50
1.4	16QAM	3	0	18.25	18.31	18.26	19.50
1.4	16QAM	3	1	18.20	18.22	18.23	19.50
1.4	16QAM	3	3	18.24	18.27	18.31	19.50
1.4	16QAM	6	0	18.19	18.24	18.16	19.50
1.4	64QAM	1	0	18.27	18.23	18.26	19.50
1.4	64QAM	1	3	18.19	18.17	18.35	19.50
1.4	64QAM	1	5	18.30	18.24	18.39	19.50
1.4	64QAM	3	0	18.21	18.23	18.25	19.50
1.4	64QAM	3	1	18.18	18.27	18.29	19.50
1.4	64QAM	3	3	18.25	18.24	18.23	19.50
1.4	64QAM	6	0	18.21	18.19	18.27	19.50
1.4	256QAM	1	0	17.91	18.00	17.87	18.50
1.4	256QAM	1	3	17.96	17.95	17.85	18.50
1.4	256QAM	1	5	17.85	17.76	18.01	18.50
1.4	256QAM	3	0	17.80	17.74	17.80	18.50
1.4	256QAM	3	1	17.81	17.89	17.85	18.50
1.4	256QAM	3	3	17.89	17.95	17.80	18.50
1.4	256QAM	6	0	17.90	17.87	17.82	18.50



【LTE Band 66_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.31	21.38	21.16	22.00
20	QPSK	1	49	21.01	21.12	20.78	22.00
20	QPSK	1	99	20.99	21.19	20.93	22.00
20	QPSK	50	0	20.19	20.28	20.02	21.00
20	QPSK	50	24	20.09	20.17	19.82	21.00
20	QPSK	50	50	20.00	20.21	19.88	21.00
20	QPSK	100	0	20.11	20.22	19.97	21.00
20	16QAM	1	0	20.42	20.56	20.25	21.00
20	16QAM	1	49	20.32	20.44	20.12	21.00
20	16QAM	1	99	20.29	20.45	20.13	21.00
20	16QAM	50	0	19.01	19.16	18.94	20.00
20	16QAM	50	24	18.99	19.13	18.80	20.00
20	16QAM	50	50	19.05	19.19	18.88	20.00
20	16QAM	100	0	18.97	19.17	18.93	20.00
20	64QAM	1	0	19.19	19.35	19.13	20.00
20	64QAM	1	49	19.19	19.36	19.02	20.00
20	64QAM	1	99	19.28	19.39	19.11	20.00
20	64QAM	50	0	18.04	18.16	17.92	19.00
20	64QAM	50	24	18.01	18.15	17.88	19.00
20	64QAM	50	50	18.09	18.20	17.97	19.00
20	64QAM	100	0	18.10	18.18	17.96	19.00
20	256QAM	1	0	16.20	16.36	16.14	17.00
20	256QAM	1	49	16.12	16.24	16.00	17.00
20	256QAM	1	99	16.26	16.35	16.13	17.00
20	256QAM	50	0	16.00	16.16	15.89	17.00
20	256QAM	50	24	15.99	16.14	15.92	17.00
20	256QAM	50	50	15.99	16.18	15.96	17.00
20	256QAM	100	0	16.02	16.19	15.96	17.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.21	21.17	21.09	22.00
15	QPSK	1	37	20.92	21.00	20.75	22.00
15	QPSK	1	74	20.92	21.17	20.84	22.00
15	QPSK	36	0	20.07	20.17	19.96	21.00
15	QPSK	36	20	19.97	20.05	19.75	21.00
15	QPSK	36	39	19.91	20.16	19.78	21.00
15	QPSK	75	0	20.05	20.10	19.90	21.00
15	16QAM	1	0	20.31	20.53	20.16	21.00
15	16QAM	1	37	20.18	20.29	20.02	21.00
15	16QAM	1	74	20.26	20.33	20.10	21.00
15	16QAM	36	0	18.94	19.02	18.79	20.00
15	16QAM	36	20	18.92	18.99	18.69	20.00
15	16QAM	36	39	18.95	19.05	18.81	20.00
15	16QAM	75	0	18.91	19.15	18.87	20.00
15	64QAM	1	0	19.09	19.25	19.05	20.00
15	64QAM	1	37	19.15	19.25	18.88	20.00
15	64QAM	1	74	19.17	19.29	18.97	20.00
15	64QAM	36	0	17.92	18.02	17.88	19.00
15	64QAM	36	20	17.96	18.00	17.78	19.00
15	64QAM	36	39	17.98	18.10	17.89	19.00
15	64QAM	75	0	18.01	18.05	17.90	19.00
15	256QAM	1	0	16.08	16.33	16.11	17.00
15	256QAM	1	37	15.97	16.19	15.92	17.00
15	256QAM	1	74	16.15	16.20	16.06	17.00
15	256QAM	36	0	15.97	16.11	15.84	17.00
15	256QAM	36	20	15.94	16.10	15.86	17.00
15	256QAM	36	39	15.89	16.09	15.87	17.00
15	256QAM	75	0	16.00	16.07	15.91	17.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.27	21.15	21.04	22.00
10	QPSK	1	25	20.91	21.07	20.72	22.00
10	QPSK	1	49	20.95	21.17	20.82	22.00
10	QPSK	25	0	20.18	20.24	19.92	21.00
10	QPSK	25	12	20.06	20.11	19.77	21.00
10	QPSK	25	25	19.93	20.08	19.79	21.00
10	QPSK	50	0	20.06	20.12	19.92	21.00
10	16QAM	1	0	20.40	20.47	20.15	21.00
10	16QAM	1	25	20.31	20.34	20.08	21.00



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10	16QAM	1	49	20.19	20.44	20.00	21.00
10	16QAM	25	0	18.89	19.03	18.90	20.00
10	16QAM	25	12	18.92	19.10	18.79	20.00
10	16QAM	25	25	19.03	19.12	18.82	20.00
10	16QAM	50	0	18.96	19.09	18.87	20.00
10	64QAM	1	0	19.11	19.33	18.98	20.00
10	64QAM	1	25	19.06	19.22	18.96	20.00
10	64QAM	1	49	19.18	19.29	19.03	20.00
10	64QAM	25	0	17.90	18.09	17.82	19.00
10	64QAM	25	12	17.97	18.12	17.86	19.00
10	64QAM	25	25	17.95	18.08	17.87	19.00
10	64QAM	50	0	18.01	18.03	17.83	19.00
10	256QAM	1	0	16.08	16.24	16.03	17.00
10	256QAM	1	25	16.04	16.11	15.93	17.00
10	256QAM	1	49	16.24	16.21	16.11	17.00
10	256QAM	25	0	15.93	16.13	15.74	17.00
10	256QAM	25	12	15.96	16.11	15.82	17.00
10	256QAM	25	25	15.86	16.15	15.94	17.00
10	256QAM	50	0	15.95	16.06	15.82	17.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	21.30	21.09	21.09	22.00
5	QPSK	1	12	20.99	21.01	20.69	22.00
5	QPSK	1	24	20.94	21.07	20.81	22.00
5	QPSK	12	0	20.15	20.23	19.98	21.00
5	QPSK	12	7	19.98	20.14	19.67	21.00
5	QPSK	12	13	19.98	20.11	19.76	21.00
5	QPSK	25	0	20.01	20.08	19.82	21.00
5	16QAM	1	0	20.33	20.46	20.18	21.00
5	16QAM	1	12	20.25	20.36	19.99	21.00
5	16QAM	1	24	20.18	20.32	20.03	21.00
5	16QAM	12	0	18.99	19.06	18.80	20.00
5	16QAM	12	7	18.86	19.04	18.73	20.00
5	16QAM	12	13	19.03	19.11	18.83	20.00
5	16QAM	25	0	18.93	19.07	18.85	20.00
5	64QAM	1	0	19.10	19.26	19.02	20.00
5	64QAM	1	12	19.13	19.27	18.96	20.00
5	64QAM	1	24	19.15	19.25	18.99	20.00
5	64QAM	12	0	17.94	18.02	17.88	19.00
5	64QAM	12	7	17.98	18.02	17.76	19.00
5	64QAM	12	13	18.00	18.05	17.90	19.00
5	64QAM	25	0	17.98	18.11	17.85	19.00
5	256QAM	1	0	16.17	16.21	16.02	17.00
5	256QAM	1	12	16.10	16.17	15.93	17.00
5	256QAM	1	24	16.13	16.30	16.03	17.00
5	256QAM	12	0	15.93	16.08	15.83	17.00
5	256QAM	12	7	15.88	16.02	15.91	17.00
5	256QAM	12	13	15.98	16.14	15.94	17.00
5	256QAM	25	0	16.00	16.12	15.81	17.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	21.22	21.04	21.13	22.00
3	QPSK	1	8	20.90	21.00	20.71	22.00
3	QPSK	1	14	20.89	21.17	20.88	22.00
3	QPSK	8	0	20.15	20.27	19.95	21.00
3	QPSK	8	4	19.98	20.03	19.80	21.00
3	QPSK	8	7	19.89	20.18	19.78	21.00
3	QPSK	15	0	19.96	20.13	19.89	21.00
3	16QAM	1	0	20.35	20.47	20.10	21.00
3	16QAM	1	8	20.28	20.43	20.03	21.00
3	16QAM	1	14	20.19	20.35	20.04	21.00
3	16QAM	8	0	18.92	19.10	18.86	20.00
3	16QAM	8	4	18.91	19.11	18.69	20.00
3	16QAM	8	7	18.91	19.18	18.79	20.00
3	16QAM	15	0	18.94	19.08	18.80	20.00
3	64QAM	1	0	19.16	19.32	19.10	20.00
3	64QAM	1	8	19.07	19.23	18.96	20.00
3	64QAM	1	14	19.15	19.28	19.05	20.00
3	64QAM	8	0	17.98	18.14	17.91	19.00
3	64QAM	8	4	17.99	18.11	17.81	19.00
3	64QAM	8	7	17.98	18.09	17.90	19.00
3	64QAM	15	0	17.98	18.04	17.87	19.00
3	256QAM	1	0	16.07	16.29	16.03	17.00
3	256QAM	1	8	16.03	16.12	15.96	17.00
3	256QAM	1	14	16.20	16.26	16.06	17.00
3	256QAM	8	0	15.95	16.13	15.81	17.00
3	256QAM	8	4	15.90	16.01	15.85	17.00
3	256QAM	8	7	15.97	16.05	15.89	17.00



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3	256QAM	15	0	15.88	16.04	15.91	17.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.22	21.07	21.03	22.00
1.4	QPSK	1	3	20.88	21.01	20.70	22.00
1.4	QPSK	1	5	20.93	21.09	20.83	22.00
1.4	QPSK	3	0	21.11	21.23	20.88	22.00
1.4	QPSK	3	1	21.00	21.05	20.79	22.00
1.4	QPSK	3	3	20.96	21.19	20.86	22.00
1.4	QPSK	6	0	19.99	20.19	19.95	21.00
1.4	16QAM	1	0	20.29	20.54	20.11	21.00
1.4	16QAM	1	3	20.27	20.38	20.04	21.00
1.4	16QAM	1	5	20.24	20.32	20.01	21.00
1.4	16QAM	3	0	19.93	20.03	19.82	21.00
1.4	16QAM	3	1	19.97	20.01	19.69	21.00
1.4	16QAM	3	3	20.02	20.14	19.80	21.00
1.4	16QAM	6	0	18.91	19.04	18.87	20.00
1.4	64QAM	1	0	19.07	19.29	19.03	20.00
1.4	64QAM	1	3	19.17	19.34	18.90	20.00
1.4	64QAM	1	5	19.19	19.28	19.01	20.00
1.4	64QAM	3	0	18.90	19.05	18.78	20.00
1.4	64QAM	3	1	18.92	19.07	18.84	20.00
1.4	64QAM	3	3	19.01	19.13	18.95	20.00
1.4	64QAM	6	0	18.03	18.10	17.90	19.00
1.4	256QAM	1	0	16.17	16.22	16.08	17.00
1.4	256QAM	1	3	16.05	16.17	15.93	17.00
1.4	256QAM	1	5	16.15	16.24	16.12	17.00
1.4	256QAM	3	0	15.92	16.15	15.80	17.00
1.4	256QAM	3	1	15.94	16.02	15.88	17.00
1.4	256QAM	3	3	15.93	16.13	15.83	17.00
1.4	256QAM	6	0	15.88	16.05	15.85	17.00

【LTE Band 66_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.25	23.45	23.23	24.00
20	QPSK	1	49	23.09	23.36	23.19	24.00
20	QPSK	1	99	23.15	23.29	23.14	24.00
20	QPSK	50	0	22.35	22.45	22.32	23.00
20	QPSK	50	24	22.31	22.42	22.23	23.00
20	QPSK	50	50	22.26	22.35	22.17	23.00
20	QPSK	100	0	22.32	22.34	22.24	23.00
20	16QAM	1	0	22.30	22.43	22.25	23.00
20	16QAM	1	49	22.26	22.40	22.20	23.00
20	16QAM	1	99	22.28	22.37	22.16	23.00
20	16QAM	50	0	21.33	21.45	21.14	22.00
20	16QAM	50	24	21.27	21.49	21.28	22.00
20	16QAM	50	50	21.23	21.36	21.22	22.00
20	16QAM	100	0	21.24	21.38	21.19	22.00
20	64QAM	1	0	21.27	21.39	21.18	22.00
20	64QAM	1	49	21.33	21.43	21.29	22.00
20	64QAM	1	99	21.27	21.40	21.15	22.00
20	64QAM	50	0	20.18	20.49	20.21	21.00
20	64QAM	50	24	20.23	20.34	20.26	21.00
20	64QAM	50	50	20.31	20.39	20.16	21.00
20	64QAM	100	0	20.19	20.33	20.14	21.00
20	256QAM	1	0	18.18	18.40	18.12	19.00
20	256QAM	1	49	18.17	18.36	18.20	19.00
20	256QAM	1	99	18.30	18.39	18.22	19.00
20	256QAM	50	0	18.20	18.43	18.22	19.00
20	256QAM	50	24	18.17	18.42	18.10	19.00
20	256QAM	50	50	18.18	18.45	18.27	19.00
20	256QAM	100	0	18.31	18.47	18.27	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.16	23.38	23.15	24.00
15	QPSK	1	37	23.06	23.25	23.09	24.00
15	QPSK	1	74	23.00	23.15	23.05	24.00
15	QPSK	36	0	22.32	22.33	22.25	23.00
15	QPSK	36	20	22.27	22.31	22.20	23.00



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15	QPSK	36	39	22.14	22.26	22.09	23.00
15	QPSK	75	0	22.19	22.31	22.22	23.00
15	16QAM	1	0	22.29	22.37	22.15	23.00
15	16QAM	1	37	22.14	22.28	22.18	23.00
15	16QAM	1	74	22.19	22.27	22.12	23.00
15	16QAM	36	0	21.26	21.40	21.13	22.00
15	16QAM	36	20	21.20	21.39	21.14	22.00
15	16QAM	36	39	21.12	21.23	21.11	22.00
15	16QAM	75	0	21.19	21.27	21.18	22.00
15	64QAM	1	0	21.17	21.33	21.14	22.00
15	64QAM	1	37	21.24	21.29	21.18	22.00
15	64QAM	1	74	21.23	21.25	21.03	22.00
15	64QAM	36	0	20.08	20.48	20.08	21.00
15	64QAM	36	20	20.20	20.32	20.15	21.00
15	64QAM	36	39	20.27	20.29	20.02	21.00
15	64QAM	75	0	20.18	20.30	20.02	21.00
15	256QAM	1	0	18.17	18.26	18.09	19.00
15	256QAM	1	37	18.14	18.26	18.14	19.00
15	256QAM	1	74	18.21	18.36	18.10	19.00
15	256QAM	36	0	18.10	18.40	18.11	19.00
15	256QAM	36	20	18.11	18.30	17.97	19.00
15	256QAM	36	39	18.03	18.36	18.15	19.00
15	256QAM	75	0	18.27	18.43	18.14	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.18	23.37	23.10	24.00
10	QPSK	1	25	22.98	23.33	23.08	24.00
10	QPSK	1	49	23.12	23.24	23.11	24.00
10	QPSK	25	0	22.32	22.37	22.27	23.00
10	QPSK	25	12	22.26	22.29	22.11	23.00
10	QPSK	25	25	22.22	22.21	22.15	23.00
10	QPSK	50	0	22.28	22.28	22.22	23.00
10	16QAM	1	0	22.19	22.37	22.11	23.00
10	16QAM	1	25	22.22	22.33	22.08	23.00
10	16QAM	1	49	22.24	22.29	22.10	23.00
10	16QAM	25	0	21.28	21.44	21.07	22.00
10	16QAM	25	12	21.18	21.35	21.15	22.00
10	16QAM	25	25	21.13	21.24	21.17	22.00
10	16QAM	50	0	21.10	21.33	21.09	22.00
10	64QAM	1	0	21.23	21.29	21.13	22.00
10	64QAM	1	25	21.23	21.38	21.20	22.00
10	64QAM	1	49	21.14	21.37	21.02	22.00
10	64QAM	25	0	20.06	20.46	20.10	21.00
10	64QAM	25	12	20.08	20.26	20.21	21.00
10	64QAM	25	25	20.20	20.33	20.02	21.00
10	64QAM	50	0	20.14	20.27	20.10	21.00
10	256QAM	1	0	18.15	18.26	18.02	19.00
10	256QAM	1	25	18.06	18.31	18.14	19.00
10	256QAM	1	49	18.16	18.26	18.17	19.00
10	256QAM	25	0	18.17	18.41	18.11	19.00
10	256QAM	25	12	18.03	18.33	18.08	19.00
10	256QAM	25	25	18.05	18.40	18.18	19.00
10	256QAM	50	0	18.19	18.42	18.15	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.16	23.32	23.08	24.00
5	QPSK	1	12	23.01	23.33	23.06	24.00
5	QPSK	1	24	23.10	23.16	23.01	24.00
5	QPSK	12	0	22.24	22.42	22.31	23.00
5	QPSK	12	7	22.27	22.30	22.16	23.00
5	QPSK	12	13	22.17	22.21	22.10	23.00
5	QPSK	25	0	22.25	22.31	22.09	23.00
5	16QAM	1	0	22.20	22.41	22.14	23.00
5	16QAM	1	12	22.12	22.37	22.18	23.00
5	16QAM	1	24	22.27	22.25	22.07	23.00
5	16QAM	12	0	21.22	21.43	21.05	22.00
5	16QAM	12	7	21.15	21.36	21.19	22.00
5	16QAM	12	13	21.19	21.24	21.18	22.00
5	16QAM	25	0	21.16	21.31	21.13	22.00
5	64QAM	1	0	21.14	21.32	21.07	22.00
5	64QAM	1	12	21.24	21.28	21.27	22.00
5	64QAM	1	24	21.23	21.37	21.06	22.00
5	64QAM	12	0	20.11	20.35	20.12	21.00
5	64QAM	12	7	20.12	20.19	20.20	21.00
5	64QAM	12	13	20.22	20.27	20.03	21.00
5	64QAM	25	0	20.04	20.27	20.02	21.00
5	256QAM	1	0	18.06	18.32	18.04	19.00
5	256QAM	1	12	18.04	18.30	18.18	19.00



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5	256QAM	1	24	18.16	18.36	18.09	19.00
5	256QAM	12	0	18.18	18.37	18.08	19.00
5	256QAM	12	7	18.04	18.29	18.08	19.00
5	256QAM	12	13	18.14	18.40	18.22	19.00
5	256QAM	25	0	18.29	18.45	18.20	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.14	23.37	23.16	24.00
3	QPSK	1	8	22.95	23.24	23.11	24.00
3	QPSK	1	14	23.06	23.16	23.10	24.00
3	QPSK	8	0	22.21	22.40	22.21	23.00
3	QPSK	8	4	22.21	22.40	22.18	23.00
3	QPSK	8	7	22.24	22.31	22.06	23.00
3	QPSK	15	0	22.28	22.28	22.12	23.00
3	16QAM	1	0	22.17	22.36	22.15	23.00
3	16QAM	1	8	22.20	22.33	22.17	23.00
3	16QAM	1	14	22.15	22.22	22.15	23.00
3	16QAM	8	0	21.26	21.35	21.13	22.00
3	16QAM	8	4	21.25	21.45	21.13	22.00
3	16QAM	8	7	21.15	21.33	21.15	22.00
3	16QAM	15	0	21.12	21.27	21.12	22.00
3	64QAM	1	0	21.20	21.31	21.16	22.00
3	64QAM	1	8	21.25	21.39	21.27	22.00
3	64QAM	1	14	21.19	21.35	21.06	22.00
3	64QAM	8	0	20.05	20.38	20.16	21.00
3	64QAM	8	4	20.16	20.32	20.15	21.00
3	64QAM	8	7	20.24	20.29	20.12	21.00
3	64QAM	15	0	20.15	20.28	20.12	21.00
3	256QAM	1	0	18.14	18.27	18.08	19.00
3	256QAM	1	8	18.03	18.29	18.05	19.00
3	256QAM	1	14	18.20	18.24	18.08	19.00
3	256QAM	8	0	18.09	18.36	18.10	19.00
3	256QAM	8	4	18.04	18.30	17.99	19.00
3	256QAM	8	7	18.11	18.32	18.24	19.00
3	256QAM	15	0	18.23	18.42	18.18	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.15	23.36	23.12	24.00
1.4	QPSK	1	3	23.05	23.22	23.11	24.00
1.4	QPSK	1	5	23.08	23.18	23.07	24.00
1.4	QPSK	3	0	23.26	23.39	23.24	24.00
1.4	QPSK	3	1	23.25	23.36	23.10	24.00
1.4	QPSK	3	3	23.22	23.31	23.07	24.00
1.4	QPSK	6	0	22.23	22.28	22.21	23.00
1.4	16QAM	1	0	22.25	22.40	22.15	23.00
1.4	16QAM	1	3	22.12	22.28	22.06	23.00
1.4	16QAM	1	5	22.18	22.30	22.10	23.00
1.4	16QAM	3	0	22.30	22.35	22.02	23.00
1.4	16QAM	3	1	22.25	22.43	22.15	23.00
1.4	16QAM	3	3	22.19	22.24	22.13	23.00
1.4	16QAM	6	0	21.20	21.34	21.09	22.00
1.4	64QAM	1	0	21.24	21.31	21.15	22.00
1.4	64QAM	1	3	21.21	21.36	21.17	22.00
1.4	64QAM	1	5	21.20	21.31	21.07	22.00
1.4	64QAM	3	0	21.07	21.38	21.11	22.00
1.4	64QAM	3	1	21.12	21.24	21.14	22.00
1.4	64QAM	3	3	21.27	21.27	21.13	22.00
1.4	64QAM	6	0	20.07	20.24	20.10	21.00
1.4	256QAM	1	0	18.09	18.39	18.09	19.00
1.4	256QAM	1	3	18.02	18.27	18.07	19.00
1.4	256QAM	1	5	18.20	18.37	18.16	19.00
1.4	256QAM	3	0	18.18	18.31	18.11	19.00
1.4	256QAM	3	1	18.10	18.34	18.04	19.00
1.4	256QAM	3	3	18.05	18.34	18.22	19.00
1.4	256QAM	6	0	18.27	18.38	18.22	19.00



【LTE Band 66_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.98	21.03	20.99	22.00
20	QPSK	1	49	20.88	20.92	20.87	22.00
20	QPSK	1	99	20.86	20.96	20.92	22.00
20	QPSK	50	0	20.93	21.00	20.96	21.00
20	QPSK	50	24	20.90	20.96	20.91	21.00
20	QPSK	50	50	20.90	20.93	20.86	21.00
20	QPSK	100	0	20.95	20.98	20.87	21.00
20	16QAM	1	0	20.91	20.85	20.91	21.00
20	16QAM	1	49	20.89	20.85	20.97	21.00
20	16QAM	1	99	20.87	20.96	20.95	21.00
20	16QAM	50	0	19.01	19.16	18.94	20.00
20	16QAM	50	24	18.99	19.13	18.80	20.00
20	16QAM	50	50	19.05	19.19	18.88	20.00
20	16QAM	100	0	18.97	19.17	18.93	20.00
20	64QAM	1	0	19.19	19.35	19.13	20.00
20	64QAM	1	49	19.19	19.36	19.02	20.00
20	64QAM	1	99	19.28	19.39	19.11	20.00
20	64QAM	50	0	18.04	18.16	17.92	19.00
20	64QAM	50	24	18.01	18.15	17.88	19.00
20	64QAM	50	50	18.09	18.20	17.97	19.00
20	64QAM	100	0	18.10	18.18	17.96	19.00
20	256QAM	1	0	16.20	16.36	16.14	17.00
20	256QAM	1	49	16.12	16.24	16.00	17.00
20	256QAM	1	99	16.26	16.35	16.13	17.00
20	256QAM	50	0	16.00	16.16	15.89	17.00
20	256QAM	50	24	15.99	16.14	15.92	17.00
20	256QAM	50	50	15.99	16.18	15.96	17.00
20	256QAM	100	0	16.02	16.19	15.96	17.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.95	20.95	20.88	22.00
15	QPSK	1	37	20.78	20.90	20.78	22.00
15	QPSK	1	74	20.78	20.83	20.85	22.00
15	QPSK	36	0	20.88	20.94	20.83	21.00
15	QPSK	36	20	20.76	20.94	20.82	21.00
15	QPSK	36	39	20.75	20.84	20.80	21.00
15	QPSK	75	0	20.89	20.86	20.82	21.00
15	16QAM	1	0	20.80	20.80	20.77	21.00
15	16QAM	1	37	20.84	20.77	20.90	21.00
15	16QAM	1	74	20.81	20.81	20.93	21.00
15	16QAM	36	0	18.88	19.12	18.80	20.00
15	16QAM	36	20	18.93	19.07	18.69	20.00
15	16QAM	36	39	18.93	19.08	18.76	20.00
15	16QAM	75	0	18.94	19.15	18.91	20.00
15	64QAM	1	0	19.09	19.26	19.02	20.00
15	64QAM	1	37	19.14	19.22	19.00	20.00
15	64QAM	1	74	19.21	19.29	19.05	20.00
15	64QAM	36	0	17.90	18.12	17.86	19.00
15	64QAM	36	20	17.95	18.08	17.84	19.00
15	64QAM	36	39	17.96	18.14	17.82	19.00
15	64QAM	75	0	18.02	18.13	17.88	19.00
15	256QAM	1	0	16.06	16.32	16.04	17.00
15	256QAM	1	37	16.04	16.22	15.92	17.00
15	256QAM	1	74	16.23	16.21	16.09	17.00
15	256QAM	36	0	15.86	16.06	15.81	17.00
15	256QAM	36	20	15.89	16.11	15.91	17.00
15	256QAM	36	39	15.88	16.07	15.86	17.00
15	256QAM	75	0	15.98	16.16	15.87	17.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.88	20.96	20.86	22.00
10	QPSK	1	25	20.82	20.80	20.83	22.00
10	QPSK	1	49	20.74	20.81	20.91	22.00
10	QPSK	25	0	20.89	20.92	20.91	21.00
10	QPSK	25	12	20.78	20.88	20.82	21.00
10	QPSK	25	25	20.84	20.89	20.79	21.00
10	QPSK	50	0	20.84	20.89	20.77	21.00
10	16QAM	1	0	20.80	20.74	20.78	21.00
10	16QAM	1	25	20.77	20.78	20.84	21.00



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10	16QAM	1	49	20.80	20.83	20.84	21.00
10	16QAM	25	0	18.92	19.09	18.89	20.00
10	16QAM	25	12	18.90	19.04	18.73	20.00
10	16QAM	25	25	19.01	19.13	18.78	20.00
10	16QAM	50	0	18.88	19.04	18.86	20.00
10	64QAM	1	0	19.15	19.24	19.00	20.00
10	64QAM	1	25	19.06	19.28	18.98	20.00
10	64QAM	1	49	19.14	19.26	19.02	20.00
10	64QAM	25	0	17.98	18.04	17.91	19.00
10	64QAM	25	12	17.88	18.03	17.82	19.00
10	64QAM	25	25	18.02	18.16	17.94	19.00
10	64QAM	50	0	18.01	18.07	17.84	19.00
10	256QAM	1	0	16.10	16.34	16.05	17.00
10	256QAM	1	25	16.08	16.17	15.86	17.00
10	256QAM	1	49	16.22	16.29	16.05	17.00
10	256QAM	25	0	15.97	16.04	15.82	17.00
10	256QAM	25	12	15.87	16.05	15.79	17.00
10	256QAM	25	25	15.87	16.17	15.94	17.00
10	256QAM	50	0	15.94	16.18	15.84	17.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.88	20.89	20.90	22.00
5	QPSK	1	12	20.85	20.83	20.80	22.00
5	QPSK	1	24	20.74	20.94	20.79	22.00
5	QPSK	12	0	20.81	20.92	20.85	21.00
5	QPSK	12	7	20.83	20.95	20.88	21.00
5	QPSK	12	13	20.78	20.82	20.78	21.00
5	QPSK	25	0	20.93	20.90	20.76	21.00
5	16QAM	1	0	20.79	20.83	20.78	21.00
5	16QAM	1	12	20.86	20.82	20.85	21.00
5	16QAM	1	24	20.73	20.83	20.88	21.00
5	16QAM	12	0	18.93	19.10	18.83	20.00
5	16QAM	12	7	18.85	19.03	18.72	20.00
5	16QAM	12	13	18.93	19.13	18.74	20.00
5	16QAM	25	0	18.95	19.09	18.87	20.00
5	64QAM	1	0	19.10	19.31	18.98	20.00
5	64QAM	1	12	19.12	19.23	18.98	20.00
5	64QAM	1	24	19.26	19.34	19.04	20.00
5	64QAM	12	0	18.00	18.02	17.79	19.00
5	64QAM	12	7	17.89	18.05	17.84	19.00
5	64QAM	12	13	17.99	18.16	17.82	19.00
5	64QAM	25	0	18.00	18.06	17.93	19.00
5	256QAM	1	0	16.05	16.26	16.03	17.00
5	256QAM	1	12	15.99	16.15	15.99	17.00
5	256QAM	1	24	16.13	16.25	16.01	17.00
5	256QAM	12	0	15.96	16.07	15.87	17.00
5	256QAM	12	7	15.94	16.08	15.87	17.00
5	256QAM	12	13	15.97	16.10	15.92	17.00
5	256QAM	25	0	16.00	16.11	15.85	17.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.86	20.92	20.98	22.00
3	QPSK	1	8	20.76	20.90	20.72	22.00
3	QPSK	1	14	20.79	20.93	20.91	22.00
3	QPSK	8	0	20.79	20.93	20.82	21.00
3	QPSK	8	4	20.79	20.83	20.84	21.00
3	QPSK	8	7	20.80	20.81	20.83	21.00
3	QPSK	15	0	20.93	20.84	20.75	21.00
3	16QAM	1	0	20.88	20.82	20.78	21.00
3	16QAM	1	8	20.84	20.75	20.90	21.00
3	16QAM	1	14	20.83	20.93	20.92	21.00
3	16QAM	8	0	18.96	19.08	18.83	20.00
3	16QAM	8	4	18.91	19.04	18.69	20.00
3	16QAM	8	7	18.94	19.10	18.85	20.00
3	16QAM	15	0	18.85	19.09	18.85	20.00
3	64QAM	1	0	19.05	19.27	18.99	20.00
3	64QAM	1	8	19.09	19.27	18.99	20.00
3	64QAM	1	14	19.16	19.26	18.99	20.00
3	64QAM	8	0	17.95	18.11	17.88	19.00
3	64QAM	8	4	17.92	18.04	17.86	19.00
3	64QAM	8	7	17.96	18.11	17.86	19.00
3	64QAM	15	0	18.00	18.10	17.84	19.00
3	256QAM	1	0	16.13	16.33	16.04	17.00
3	256QAM	1	8	16.08	16.22	15.92	17.00
3	256QAM	1	14	16.16	16.32	16.06	17.00
3	256QAM	8	0	15.93	16.12	15.82	17.00
3	256QAM	8	4	15.95	16.01	15.80	17.00
3	256QAM	8	7	15.87	16.04	15.87	17.00