

APPENDIX F: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

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F.1 LTE Conducted Powers

Note: Some bands do not support non-overlapping channels. Per FCC Guidance, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

F.1.1 LTE Band 12

Table F-1
LTE Band 12 Conducted Power - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	25.20	24.89	24.88	0	0
	1	12	25.19	24.79	24.99		0
	1	24	25.10	25.00	24.50		0
	12	0	24.02	23.67	24.02	0-1	1
	12	6	23.97	23.68	24.03		1
	12	13	23.94	23.75	23.90		1
16QAM	25	0	23.99	23.75	24.04	0-1	1
	1	0	24.32	24.06	24.26		1
	1	12	24.32	23.99	24.36		1
	1	24	24.36	24.15	24.10	0-2	1
	12	0	23.03	22.69	23.03		2
	12	6	23.01	22.71	23.07		2
	12	13	22.95	22.76	22.88		2
	25	0	22.97	22.71	23.04	2	

Table F-2
LTE Band 12 Conducted Power - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.91	24.57	24.97	0	0
	1	7	25.03	24.62	24.85		0
	1	14	24.94	24.64	24.51		0
	8	0	24.05	23.63	24.10	0-1	1
	8	4	24.06	23.67	23.95		1
	8	7	24.02	23.73	23.86		1
16QAM	15	0	24.08	23.71	23.97	0-1	1
	1	0	24.20	24.09	24.28		1
	1	7	24.43	23.82	24.34		1
	1	14	24.18	23.84	23.79	0-2	1
	8	0	23.10	22.72	23.16		2
	8	4	23.12	22.77	23.01		2
	8	7	23.09	22.78	22.92		2
	15	0	23.13	22.75	23.01	2	

Table F-3
LTE Band 12 Conducted Power - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.97	24.75	24.88	0	0
	1	2	24.97	24.71	24.78		0
	1	5	25.02	24.74	24.68		0
	3	0	25.05	24.67	24.85	0-1	0
	3	2	25.05	24.66	24.78		0
	3	3	25.05	24.67	24.77		0
16QAM	6	0	24.04	23.68	23.83	0-1	1
	1	0	24.37	23.94	24.05		1
	1	2	24.43	23.83	24.10		1
	1	5	24.32	23.88	23.93	0-1	1
	3	0	24.19	23.79	24.04		1
	3	2	24.14	23.70	23.91		1
	3	3	24.23	23.89	23.86		1
	6	0	23.14	22.65	22.67	0-2	2

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F.1.2 LTE Band 13

Table F-4
LTE Band 13 Conducted Power - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.81	0	0
	1	12	24.95		0
	1	24	24.76		0
	12	0	23.77	0-1	1
	12	6	23.80		1
	12	13	23.75		1
16QAM	25	0	23.86	0-1	1
	1	0	24.06		1
	1	12	24.20		1
	1	24	23.84	0-2	1
	12	0	22.78		2
	12	6	22.82		2
	12	13	22.75		2
	25	0	22.81		2

F.1.3 LTE Band 14

Table F-5
LTE Band 14 Conducted Power - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.21	0	0
	1	12	24.32		0
	1	24	24.35		0
	12	0	23.30	0-1	1
	12	6	23.33		1
	12	13	23.39		1
16QAM	25	0	23.36	0-1	1
	1	0	23.58		1
	1	12	23.62		1
	1	24	23.58	0-2	1
	12	0	22.29		2
	12	6	22.27		2
	12	13	22.32		2
	25	0	22.28		2

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F.1.4

LTE Band 26

Table F-6
LTE Band 26 Conducted Power - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.41	24.31	24.41	0	0
	1	12	24.23	24.32	24.31		0
	1	24	24.14	24.30	24.34		0
	12	0	23.38	23.49	23.44	0-1	1
	12	6	23.33	23.46	23.39		1
	12	13	23.27	23.37	23.31		1
16QAM	25	0	23.33	23.40	23.42	0-1	1
	1	0	23.75	23.87	23.74		1
	1	12	23.63	23.76	23.70		1
	1	24	23.48	23.89	23.72	0-2	1
	12	0	22.41	22.52	22.51		2
	12	6	22.39	22.55	22.46		2
	12	13	22.31	22.49	22.35	2	
	25	0	22.40	22.51	22.47	2	

Table F-7
LTE Band 26 Conducted Power - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.61	24.30	24.33	0	0
	1	7	24.50	24.30	24.25		0
	1	14	24.39	24.29	24.08		0
	8	0	23.29	23.43	23.25	0-1	1
	8	4	23.27	23.45	23.19		1
	8	7	23.25	23.46	23.15		1
16QAM	15	0	23.28	23.41	23.26	0-1	1
	1	0	23.56	23.36	23.55		1
	1	7	23.60	23.30	23.46		1
	1	14	23.69	23.37	23.51	0-2	1
	8	0	22.37	22.54	22.38		2
	8	4	22.35	22.50	22.34		2
	8	7	22.28	22.49	22.31	2	
	15	0	22.30	22.48	22.32	2	

Table F-8
LTE Band 26 Conducted Power - 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)			
Conducted Power [dBm]								
QPSK	1	0	24.15	24.16	23.89	0	0	
	1	2	24.20	24.16	24.15		0	
	1	5	24.16	24.17	23.86		0	
	3	0	24.18	24.20	23.96	0-1	0	
	3	2	24.14	24.17	23.92		0	
	3	3	24.19	24.18	24.15		0	
16QAM	6	0	23.13	23.15	23.16	0-1	1	
	1	0	23.16	23.50	23.35		0-1	1
	1	2	23.20	23.40	23.26			1
	1	5	23.34	23.40	23.35	0-1		1
	3	0	23.31	23.33	23.30		1	
	3	2	23.28	23.26	23.11		1	
	3	3	23.34	23.24	23.09	0-2	1	
	6	0	22.23	22.19	22.04		2	

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Table F-9
LTE Band 5 Conducted Power - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	24.24	24.28	24.33	0	0	
	1	12	24.23	24.25	24.28		0	
	1	24	24.21	24.38	24.24		0	
	12	0	23.18	23.28	23.22		1	
	12	6	23.14	23.28	23.21	0-1	1	
	12	13	23.14	23.28	23.24		1	
	25	0	23.17	23.31	23.21		1	
	1	0	23.57	23.44	23.52		1	
16QAM	1	12	23.61	23.38	23.46	0-1	1	
	1	24	23.58	23.42	23.31		1	
	12	0	22.06	22.05	22.05		0-2	2
	12	6	22.06	22.05	21.99			2
	12	13	22.04	22.05	21.99	2		
	25	0	22.03	22.03	21.95	2		

Table F-10
LTE Band 5 Conducted Power - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	24.35	24.29	24.26	0	0	
	1	7	24.46	24.34	24.34		0	
	1	14	24.38	24.29	24.24		0	
	8	0	23.42	23.34	23.31		1	
	8	4	23.41	23.37	23.34	0-1	1	
	8	7	23.39	23.38	23.30		1	
	15	0	23.39	23.38	23.36		1	
	1	0	23.57	23.34	23.61		1	
16QAM	1	7	23.64	23.47	23.64	0-1	1	
	1	14	23.58	23.34	23.47		1	
	8	0	22.23	22.12	22.04		0-2	2
	8	4	22.21	22.12	22.06			2
	8	7	22.22	22.12	22.04	2		
	15	0	22.16	22.11	22.08	2		

Table F-11
LTE Band 5 Conducted Power - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)			
Conducted Power [dBm]								
QPSK	1	0	24.49	24.33	24.27	0	0	
	1	2	24.48	24.33	24.12		0	
	1	5	24.52	24.36	24.04		0	
	3	0	24.47	24.34	24.07		0	
	3	2	24.46	24.34	23.99	0-1	0	
	3	3	24.47	24.35	23.97		0	
	6	0	23.46	23.34	23.05		1	
	1	0	23.60	23.55	23.20		1	
16QAM	1	2	23.62	23.54	23.07	0-1	1	
	1	5	23.61	23.59	22.98		1	
	3	0	23.37	23.26	22.97		1	
	3	2	23.36	23.27	22.97		1	
	3	3	23.36	23.24	22.93		1	
	6	0	22.21	22.18	21.85		0-2	2
								2

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Table F-12
LTE Band 66 Conducted Power - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.23	23.22	23.04	0	0
	1	36	23.15	23.31	23.10		0
	1	74	23.19	23.24	23.14		0
	36	0	22.38	22.46	22.29	0-1	1
	36	18	22.46	22.52	22.37		1
	36	37	22.44	22.51	22.42		1
	75	0	22.68	22.65	22.58	0-1	1
	15	0	23.06	23.15	23.04		0
	15	30	23.21	23.28	23.18		0
	15	60	23.15	23.30	23.20	0-2	0
	27	0	22.34	22.43	22.25		1
	27	24	22.46	22.52	22.37		1
27	48	22.39	22.49	22.41	0-2	1	
1	0	22.48	22.42	22.35		1	
1	36	22.41	22.50	22.36		1	
16QAM	1	74	22.62	22.73	22.48	0-2	1
	15	0	22.29	22.01	21.97		1
	15	30	22.17	22.18	22.12		1
	15	60	22.30	22.28	21.91	0-3	1
	27	0	21.72	21.45	21.12		2
	27	24	21.94	21.62	21.21		2
	27	48	21.61	21.55	21.28	0-5	2
							2
							2

Table F-13
LTE Band 66 Conducted Power - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.97	23.00	22.72	0	0
	1	25	23.02	22.95	22.81		0
	1	49	23.12	23.04	22.79		0
	25	0	22.27	22.24	22.22	0-1	1
	25	12	22.28	22.30	22.25		1
	25	25	22.39	22.26	22.25		1
	50	0	22.41	22.32	22.31	0-1	1
	15	0	22.20	22.24	22.06		1
	15	17	22.29	22.30	22.23		1
	15	35	22.42	22.27	22.23	0-2	1
	27	0	22.26	22.21	22.20		1
	27	12	22.28	22.28	22.10		1
27	23	22.33	22.25	22.11	0-2	1	
1	0	22.47	22.55	22.38		1	
1	25	22.62	22.54	22.41		1	
16QAM	1	49	22.67	22.58	22.51	0-2	1
	25	0	21.48	21.53	21.52		2
	25	12	21.49	21.54	21.58		2
	25	25	21.66	21.53	21.59	0-3	2
	15	0	21.47	21.50	21.51		2
	15	17	21.55	21.58	21.56		2
	15	35	21.69	21.58	21.56	0-5	2
	27	0	21.45	21.49	21.51		2
	27	12	21.54	21.51	21.54		2
	27	23	21.60	21.50	21.56	2	

Table F-14
LTE Band 66 Conducted Power - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.01	22.92	22.98	0	0
	1	12	23.00	22.95	22.99		0
	1	24	23.12	23.04	23.10		0
	12	0	22.32	22.22	22.30	0-1	1
	12	6	22.29	22.20	22.27		1
	12	13	22.27	22.22	22.26		1
	25	0	22.28	22.26	22.27		1
16QAM	1	0	22.67	22.31	22.26	0-1	1
	1	12	22.68	22.29	22.27		1
	1	24	22.72	22.24	22.35		1
	12	0	21.22	21.17	21.21	0-2	2
	12	6	21.18	21.11	21.21		2
	12	13	21.17	21.12	21.19		2
	25	0	21.22	21.12	21.25		2

Table F-15
LTE Band 66 Conducted Power - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.03	22.92	22.90	0	0
	1	7	22.98	22.95	22.85		0
	1	14	23.09	23.06	22.72		0
	8	0	22.31	22.52	22.29	0-1	1
	8	4	22.30	22.50	22.28		1
	8	7	22.30	22.53	22.23		1
	15	0	22.32	22.49	22.30		1
16QAM	1	0	22.21	22.15	21.99	0-1	1
	1	7	22.29	22.07	21.96		1
	1	14	22.22	22.21	21.88		1
	8	0	21.25	21.27	21.09	0-2	2
	8	4	21.24	21.21	21.05		2
	8	7	21.25	21.27	21.07		2
	15	0	21.23	21.19	21.07		2

Table F-16
LTE Band 66 Conducted Power - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.13	23.26	23.30	0	0
	1	2	22.98	23.37	23.29		0
	1	5	23.06	23.34	23.16		0
	3	0	23.00	23.47	23.16	0-1	0
	3	2	23.03	23.43	23.10		0
	3	3	23.01	23.46	23.10		0
	6	0	22.97	22.59	22.33		1
16QAM	1	0	22.15	22.65	22.33	0-1	1
	1	2	22.20	22.58	22.28		1
	1	5	22.24	22.60	22.27		1
	3	0	22.10	22.43	22.20	0-1	1
	3	2	22.09	22.36	22.19		1
	3	3	22.11	22.41	22.18		1
	6	0	21.27	21.41	21.29		0-2

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Table F-17
LTE Band 25 Conducted Power - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.21	23.35	23.33	0	0
	1	36	23.17	23.27	23.32		0
	1	74	23.23	23.20	23.26		0
	36	0	22.23	22.24	22.31	0-1	1
	36	18	22.28	22.27	22.31		1
	36	37	22.25	22.43	22.36		1
	75	0	22.38	22.53	22.65	0-1	1
	15	0	23.25	23.27	23.28		0
	15	30	23.30	23.39	23.28		0
	15	60	23.26	23.29	23.27	0-2	0
	27	0	22.24	22.30	22.31		1
	27	24	22.28	22.33	22.30		1
27	48	22.24	22.20	22.28	1		
16QAM	1	0	22.52	22.62	22.73	0-2	1
	1	36	22.44	22.49	22.67		1
	1	74	22.61	22.46	22.55		1
	15	0	22.30	22.27	22.38	0-3	1
	15	30	22.32	22.27	22.36		1
	15	60	22.29	22.21	22.29		1
	27	0	21.24	21.20	21.37	0-5	2
	27	24	21.34	21.19	21.35		2
	27	48	21.30	21.15	21.31		2

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Table F-18
LTE Band 25 Conducted Power - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.30	23.27	23.35	0	0
	1	25	23.20	23.19	23.26		0
	1	49	23.49	23.35	23.39		0
	25	0	22.29	22.32	22.35	0-1	1
	25	12	22.28	22.33	22.33		1
	25	25	22.33	22.35	22.35		1
	50	0	22.32	22.30	22.36		1
	15	0	22.31	22.38	22.33	0-1	1
	15	17	22.26	22.41	22.25		1
	15	35	22.30	22.39	22.36		1
	27	0	22.28	22.31	22.42	0-2	1
	27	12	22.25	22.27	22.49		1
	27	23	22.32	22.34	22.33		1
	27	23	22.32	22.34	22.33		1
16QAM	1	0	22.68	22.74	22.81	0-2	1
	1	25	22.42	22.64	22.58		1
	1	49	22.53	22.61	22.82		1
	25	0	21.32	21.36	21.47	0-3	2
	25	12	21.27	21.34	21.39		2
	25	25	21.34	21.36	21.35		2
	15	0	21.38	21.45	21.52		2
	15	17	21.37	21.40	21.35	0-5	2
	15	35	21.40	21.41	21.46		2
	27	0	21.36	21.36	21.49		2
	27	12	21.31	21.36	21.37		2
	27	23	21.37	21.37	21.37		2

Table F-19
LTE Band 25 Conducted Power - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.52	23.40	23.38	0	0
	1	12	23.48	23.38	23.36		0
	1	24	23.48	23.41	23.55		0
	12	0	22.43	22.40	22.59	0-1	1
	12	6	22.40	22.49	22.46		1
	12	13	22.39	22.41	22.53		1
	25	0	22.41	22.31	22.31		1
16QAM	1	0	22.75	22.67	22.65	0-1	1
	1	12	22.67	22.64	22.55		1
	1	24	22.67	22.66	22.82		1
	12	0	21.49	21.23	21.29	0-2	2
	12	6	21.47	21.39	21.29		2
	12	13	21.47	21.41	21.38		2
	25	0	21.47	21.39	21.29		2

Table F-20
LTE Band 25 Conducted Power - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.38	23.23	23.26	0	0
	1	7	23.42	23.28	23.32		0
	1	14	23.34	23.24	23.26		0
	8	0	22.45	22.30	22.31	0-1	1
	8	4	22.43	22.29	22.29		1
	8	7	22.43	22.33	22.35		1
	15	0	22.42	22.29	22.34		1
	16QAM	1	0	22.71	22.61	22.56	0-1
1		7	22.72	22.62	22.64	1	
1		14	22.68	22.56	22.55	1	
8		0	21.51	21.36	21.43	0-2	2
8		4	21.50	21.32	21.38		2
8		7	21.48	21.32	21.37		2
15		0	21.47	21.27	21.35		2

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Table F-21
LTE Band 25 Conducted Power - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.39	23.27	23.27	0	0
	1	2	23.37	23.25	23.30		0
	1	5	23.33	23.23	23.35		0
	3	0	23.33	23.20	23.32		0
	3	2	23.32	23.19	23.19		0
	3	3	23.33	23.21	23.22		0
16QAM	6	0	22.32	22.36	22.32	0-1	1
	1	0	22.67	22.59	22.70	0-1	1
	1	2	22.64	22.56	22.66		1
	1	5	22.67	22.59	22.68		1
	3	0	22.48	22.40	22.44		1
	3	2	22.45	22.38	22.43		1
	3	3	22.45	22.37	22.41		1
	6	0	21.41	21.33	21.43	0-2	2

F.1.8 LTE Band 7

Table F-22
LTE Band 7 Conducted Power - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.87	22.82	22.96	0	0	
	1	36	22.77	22.79	22.74		0	
	1	74	22.96	22.97	23.03		0	
	36	0	21.75	21.86	21.87		1	
	0-1	36	18	21.68	21.88	21.86	1	
		36	37	21.75	22.03	21.92	1	
		75	0	21.82	22.02	22.09	1	
		15	0	22.75	22.85	22.92	0	
		0-1	15	30	22.69	22.94	22.86	0
			15	60	22.77	23.02	23.03	0
	0-2	27	0	21.75	21.79	21.88	1	
		27	24	21.68	21.92	21.86	1	
		27	48	21.71	21.97	21.95	1	
		1	0	22.02	22.17	22.43	0-2	1
16QAM	1	36	21.88	22.09	22.10	0-2	1	
	1	74	22.26	22.36	22.50		1	
	15	0	21.77	21.84	21.93	0-3	1	
	15	30	21.70	21.90	21.88		1	
	15	60	21.84	22.03	22.01		1	
	27	0	20.75	20.80	20.86		2	
	0-5	27	24	20.67	20.86	20.83	2	
		27	48	20.69	20.98	20.91	2	

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Table F-23
LTE Band 7 Conducted Power - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.80	22.81	22.86	0	0
	1	25	22.68	22.90	22.84		0
	1	49	22.92	23.06	23.11		0
	25	0	21.79	21.89	21.84	0-1	1
	25	12	21.76	21.86	21.89		1
	25	25	21.84	21.94	21.99		1
	50	0	21.82	21.95	21.99		1
	15	0	21.79	21.82	21.81	0-1	1
	15	17	21.75	21.86	21.95		1
	15	35	21.85	22.02	22.07		1
	27	0	21.75	21.85	21.80	0-2	1
	27	12	21.74	21.90	21.88		1
	27	23	21.83	21.92	21.96		1
	16QAM	1	0	22.18	22.22	22.21	0-2
1		25	22.08	22.31	22.19	1	
1		49	22.21	22.41	22.57	1	
25		0	20.76	20.90	20.81	0-3	2
25		12	20.70	20.82	20.93		2
25		25	20.82	20.90	21.00		2
15		0	20.75	20.87	20.85	0-5	2
15		17	20.70	20.90	20.87		2
15		35	20.83	21.06	21.02		2
27		0	20.71	20.88	20.81	0-5	2
27		12	20.67	20.92	20.89		2
27		23	20.80	20.95	20.96		2

Table F-24
LTE Band 7 Conducted Power - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.93	22.80	22.74	0	0
	1	12	22.81	22.77	22.79		0
	1	24	22.72	22.78	22.91		0
	12	0	21.78	21.78	21.86	0-1	1
	12	6	21.77	21.77	21.86		1
	12	13	21.72	21.77	21.89		1
	25	0	21.77	21.76	21.88		1
16QAM	1	0	22.34	22.20	22.27	0-1	1
	1	12	22.11	22.12	22.15		1
	1	24	22.12	22.12	22.30		1
	12	0	20.81	20.82	20.87	0-2	2
	12	6	20.76	20.77	20.85		2
	12	13	20.72	20.77	20.93		2
	25	0	20.77	20.74	20.87		2

Table F-25
LTE Band 7 Reduced Conducted Power - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.49	22.26	22.48	0	0
	1	36	22.22	22.20	22.18		0
	1	74	22.35	22.39	22.63		0
	36	0	21.34	21.29	21.18	0-1	1
	36	18	21.24	21.29	21.14		1
	36	37	21.22	21.35	21.23		1
	75	0	21.39	21.40	21.37		1
	15	0	22.36	22.31	22.21	0-1	0
	15	30	22.16	22.25	22.10		0
	15	60	22.18	22.35	22.41		0
	27	0	21.34	21.25	21.16	0-2	1
	27	24	21.22	21.24	21.11		1
	27	48	21.20	21.30	21.26		1
	16QAM	1	0	21.63	21.63	21.69	0-2
1		36	21.35	21.59	21.35	1	
1		74	21.58	21.76	21.82	1	
15		0	21.37	21.28	21.28	0-3	1
15		30	21.19	21.29	21.12		1
15		60	21.23	21.39	21.39		1
27		0	20.30	20.27	20.16	0-5	2
27		24	20.19	20.25	20.17		2
27		48	20.18	20.32	20.28		2

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Table F-26
LTE Band 7 Reduced Conducted Power - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.01	22.11	22.16	0	0
	1	25	22.08	22.12	22.19		0
	1	49	22.27	22.41	22.66		0
	25	0	20.99	21.18	21.16	0-1	1
	25	12	21.05	21.20	21.21		1
	25	25	21.16	21.28	21.40		1
	50	0	21.22	21.26	21.33		1
	15	0	20.96	21.15	21.11	0-1	1
	15	17	21.06	21.23	21.22		1
	15	35	21.20	21.39	21.47		1
	27	0	20.99	21.14	21.15	0-2	1
	27	12	21.06	21.18	21.23		1
	27	23	21.17	21.27	21.40		1
	16QAM	1	0	21.34	21.54	21.40	0-2
1		25	21.39	21.55	21.54	1	
1		49	21.64	21.77	22.01	1	
25		0	20.00	20.17	20.16	0-3	2
25		12	20.07	20.23	20.23		2
25		25	20.15	20.32	20.43		2
15		0	19.94	20.28	20.16	0-5	2
15		17	20.00	20.23	20.26		2
15		35	20.15	20.40	20.50		2
27		0	20.05	20.20	20.16		2
27		12	20.21	20.22	20.29		2
27		23	20.08	20.30	20.40		2

Table F-27
LTE Band 7 Reduced Conducted Power - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.28	22.42	22.30	0	0
	1	12	22.22	22.46	22.40		0
	1	24	22.20	22.48	22.59		0
	12	0	21.20	21.35	21.43	0-1	1
	12	6	21.19	21.32	21.46		1
	12	13	21.15	21.39	21.52		1
25	0	21.22	21.40	21.49	1		
16QAM	1	0	21.75	21.80	21.74	0-1	1
	1	12	21.67	21.77	21.80		1
	1	24	21.62	21.84	22.00		1
	12	0	20.27	20.37	20.42	0-2	2
	12	6	20.22	20.40	20.45		2
	12	13	20.24	20.43	20.51		2
	25	0	20.24	20.42	20.43		2

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Table F-28
LTE Band 41 Conducted Power - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	22.85	23.24	22.97	23.22	22.92	0	0	
	1	36	22.61	23.24	22.97	23.20	22.87		0	
	1	74	22.65	23.26	22.99	23.22	22.81		0	
	36	0	21.60	22.12	21.93	22.13	21.75		1	
	36	18	21.56	22.09	21.94	22.11	21.73		1	
	36	37	21.56	22.01	21.93	22.11	21.72		1	
	16QAM	75	0	21.68	22.12	21.95	22.15	21.80	0-1	1
		15	0	22.68	23.13	22.94	23.15	22.77		0
		15	30	22.68	23.11	22.96	23.15	22.73	0-1	0
		15	60	22.52	23.13	22.94	23.14	22.74		0
		27	0	21.94	22.13	21.92	22.14	21.80	0-2	1
		27	24	21.57	22.10	21.94	22.12	21.78		1
		27	48	21.59	22.10	21.93	22.10	21.73	0-2	1
		1	0	21.67	22.19	21.65	22.22	21.98		0-2
1		36	21.54	22.24	21.86	22.18	21.85	1		
1		74	21.50	22.22	21.77	22.30	21.85	0-3	1	
15	0	21.73	22.07	21.93	22.11	21.78	1			
15	30	21.57	22.09	21.84	22.10	21.74	0-5	1		
15	60	21.55	22.08	21.99	22.09	21.73		1		
27	0	20.65	21.07	20.99	21.10	20.75	0-5	2		
27	24	20.55	21.07	20.91	21.06	20.73		2		
27	48	20.53	21.06	20.89	21.06	20.67	2			

Table F-29
LTE Band 41 Conducted Power - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	22.75	23.25	23.04	23.21	22.93	0	0	
	1	25	22.66	23.24	23.05	23.18	22.91		0	
	1	49	22.67	23.23	23.05	23.19	22.88		0	
	25	0	21.63	22.17	21.93	22.15	21.76		1	
	25	12	21.62	22.11	21.92	22.08	21.73		1	
	25	25	21.59	22.12	21.92	22.08	21.74		1	
	16QAM	50	0	21.64	22.12	21.93	22.10	21.78	0-1	1
		15	0	21.60	22.17	21.95	22.14	21.80		1
		15	17	21.62	22.14	21.93	22.10	21.78	0-1	1
		15	35	21.59	22.14	21.94	22.10	21.77		1
		27	0	21.62	22.16	21.92	22.13	21.77	0-2	1
		27	12	21.57	22.10	21.90	22.07	21.75		1
		27	23	21.58	22.12	21.91	22.09	21.70	0-2	1
		1	0	21.72	22.27	22.03	22.24	21.96		0-2
1		25	21.64	22.22	22.02	22.22	21.97	1		
1		49	21.65	22.22	22.00	22.26	21.86	0-3	1	
25	0	20.57	21.12	20.91	21.14	20.78	2			
25	12	20.53	21.08	20.88	21.06	20.75	0-5	2		
25	25	20.50	21.09	20.91	21.08	20.74		2		
15	0	20.57	21.13	20.87	21.14	20.79	0-5	2		
15	17	20.54	21.11	20.90	21.09	20.73		2		
15	35	20.51	21.11	20.91	21.09	20.73	0-5	2		
27	0	20.52	21.12	20.92	21.16	20.74		2		
27	12	20.50	21.05	20.90	21.08	20.72	0-5	2		
27	23	20.47	21.07	20.90	21.10	20.70		2		

Table F-30
LTE Band 41 Conducted Power - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	22.72	23.16	22.91	23.29	22.88	0	0	
	1	12	22.68	23.16	22.97	23.24	22.87		0	
	1	24	22.69	23.17	22.99	23.24	22.86		0	
	16QAM	12	0	21.64	22.17	21.97	22.20	21.81	0-1	1
		12	6	21.63	22.11	21.97	22.12	21.79		1
		12	13	21.61	22.14	21.96	22.13	21.79		1
16QAM		25	0	21.64	22.13	21.97	22.11	21.78	0-1	1
		1	0	21.69	22.17	21.96	22.21	21.92		1
		1	12	21.60	22.12	21.89	22.25	21.80		1
	16QAM	1	24	21.69	22.20	21.91	22.17	21.83	0-2	1
		12	0	20.60	21.18	20.94	21.16	20.78		2
		12	6	20.57	21.11	20.92	21.11	20.77		2
16QAM		12	13	20.56	21.13	20.93	21.11	20.78	0-2	2
		25	0	20.57	21.10	20.94	21.08	20.75		2

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