

APPENDIX E: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

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

E.1 LTE Lower Bandwidth RF Conducted Powers

E.1.1 LTE Band 12

**Table E-1
LTE Band 12 Conducted Powers – 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	23.77	23.64	23.69	0	0
	1	12	23.79	23.56	23.72		0
	1	24	23.76	23.60	23.82		0
	12	0	22.59	22.78	22.58	0-1	1
	12	6	22.56	22.69	22.57		1
	12	13	22.56	22.56	22.56		1
16QAM	25	0	22.61	22.78	22.61	0-1	1
	1	0	22.98	23.20	22.75		1
	1	12	23.04	23.06	23.05		1
	1	24	23.18	22.97	22.99	0-2	1
	12	0	21.62	21.72	21.64		2
	12	6	21.67	21.70	21.59		2
	12	13	21.66	21.64	21.61		2
	25	0	21.62	21.70	21.56	2	

**Table E-2
LTE Band 12 Conducted Powers – 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	23.70	23.55	23.55	0	0
	1	7	23.75	23.55	23.58		0
	1	14	23.66	23.56	23.57		0
	8	0	22.61	22.80	22.67	0-1	1
	8	4	22.64	22.67	22.65		1
	8	7	22.66	22.69	22.64		1
16QAM	15	0	22.63	22.76	22.64	0-1	1
	1	0	22.81	22.96	22.89		1
	1	7	22.93	22.91	22.99		1
	1	14	22.91	23.01	22.96	0-2	1
	8	0	21.69	21.72	21.75		2
	8	4	21.67	21.70	21.76		2
	8	7	21.73	21.81	21.77		2
	15	0	21.64	21.67	21.72	2	

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**Table E-3
LTE Band 12 Conducted Powers – 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	23.64	23.57	23.69	0	0
	1	2	23.64	23.56	23.69		0
	1	5	23.65	23.59	23.73		0
	3	0	23.57	23.80	23.57		0
	3	2	23.57	23.71	23.56		0
	3	3	23.56	23.56	23.57		0
16QAM	6	0	22.57	22.96	22.58	0-1	1
	1	0	22.94	23.52	22.89	0-1	1
	1	2	22.94	22.94	22.96		1
	1	5	22.82	22.93	22.98		1
	3	0	22.69	22.70	22.84		1
	3	2	22.72	22.64	22.72		1
	3	3	22.80	22.67	22.71		1
6	0	21.67	21.69	21.75	0-2	2	

E.1.2 LTE Band 13

**Table E-4
LTE Band 13 Conducted Powers – 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	23.93	0	0	
	1	12	24.11		0	
	1	24	24.11		0	
	16QAM	12	0	23.05	0-1	1
		12	6	23.20		1
		12	13	23.26		1
		25	0	23.23		1
16QAM	1	0	23.36	0-1	1	
	1	12	23.51		1	
	1	24	23.55		1	
	16QAM	12	0	22.11	0-2	2
		12	6	22.24		2
		12	13	22.27		2
		25	0	22.22		2

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E.1.3 LTE Band 14

**Table E-5
LTE Band 14 Conducted Powers – 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	24.16	0	0
	1	12	24.13		0
	1	24	24.02		0
	12	0	22.78	0-1	1
	12	6	22.80		1
	12	13	22.80		1
	25	0	22.79		1
16QAM	1	0	23.27	0-1	1
	1	12	23.48		1
	1	24	23.53		1
	12	0	21.76	0-2	2
	12	6	21.89		2
	12	13	21.82		2
	25	0	21.78		2

E.1.4 LTE Band 26

**Table E-6
LTE Band 26 Conducted Powers – 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	23.58	23.57	23.88	0	0
	1	12	23.63	23.52	23.72		0
	1	24	23.62	23.53	23.57		0
	12	0	22.54	22.54	22.63	0-1	1
	12	6	22.53	22.52	22.57		1
	12	13	22.55	22.53	22.52		1
	25	0	22.58	22.53	22.57		1
16QAM	1	0	22.95	23.04	23.19	0-1	1
	1	12	23.01	22.81	22.76		1
	1	24	23.01	22.99	23.02		1
	12	0	21.53	21.59	21.69	0-2	2
	12	6	21.56	21.62	21.61		2
	12	13	21.57	21.59	21.53		2
	25	0	21.52	21.56	21.58		2

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**Table E-7
LTE Band 26 Conducted Powers – 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	23.68	23.70	23.65	0	0
	1	7	23.71	23.65	23.64		0
	1	14	23.69	23.71	23.53		0
	8	0	22.59	22.57	22.58	0-1	1
	8	4	22.57	22.56	22.54		1
	8	7	22.61	22.60	22.52		1
	15	0	22.56	22.53	22.53		1
16QAM	1	0	22.83	22.61	22.78	0-1	1
	1	7	22.83	22.68	22.76		1
	1	14	22.77	22.76	22.70		1
	8	0	21.61	21.61	21.62	0-2	2
	8	4	21.58	21.64	21.60		2
	8	7	21.62	21.62	21.60		2
	15	0	21.53	21.61	21.52		2

**Table E-8
LTE Band 26 Conducted Powers – 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	23.58	23.69	23.60	0	0
	1	2	23.60	23.70	23.58		0
	1	5	23.61	23.76	23.64		0
	3	0	23.57	23.69	23.63		0
	3	2	23.60	23.67	23.65		0
	3	3	23.61	23.68	23.64		0
	6	0	22.60	22.62	22.61	0-1	1
16QAM	1	0	22.91	22.85	22.93	0-1	1
	1	2	22.99	22.88	22.94		1
	1	5	23.00	22.89	22.97		1
	3	0	22.72	22.81	22.73		1
	3	2	22.75	22.77	22.72		1
	3	3	22.77	22.79	22.76		1
	6	0	21.62	21.74	21.63	0-2	2

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E.1.5 LTE Band 5

**Table E-9
LTE Band 5 Conducted Powers – 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	23.84	23.72	23.90	0	0
	1	12	23.85	23.72	23.73		0
	1	24	23.81	23.82	23.58		0
	12	0	22.71	22.60	22.91	0-1	1
	12	6	22.69	22.60	22.56		1
	12	13	22.66	22.66	22.55		1
	25	0	22.67	22.63	22.58		1
16QAM	1	0	23.02	22.83	23.21	0-1	1
	1	12	23.02	22.94	23.04		1
	1	24	22.95	23.13	23.01		1
	12	0	21.79	21.67	21.65	0-2	2
	12	6	21.68	21.63	21.63		2
	12	13	21.66	21.73	21.59		2
	25	0	21.59	21.65	21.60		2

**Table E-10
LTE Band 5 Conducted Powers – 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	23.84	23.56	23.67	0	0
	1	7	23.95	23.61	23.65		0
	1	14	23.88	23.62	23.52		0
	8	0	22.78	22.66	22.68	0-1	1
	8	4	22.81	22.65	22.64		1
	8	7	22.83	22.72	22.61		1
	15	0	22.81	22.67	22.63		1
16QAM	1	0	23.09	23.02	22.81	0-1	1
	1	7	23.17	23.06	22.74		1
	1	14	23.07	22.94	22.78		1
	8	0	21.83	21.84	21.76	0-2	2
	8	4	21.89	21.77	21.67		2
	8	7	21.86	21.84	21.65		2
	15	0	21.85	21.74	21.67		2

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**Table E-11
LTE Band 5 Conducted Powers – 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	23.99	23.70	23.69	0	0
	1	2	23.70	23.99	23.65		0
	1	5	23.73	23.73	23.62		0
	3	0	23.71	23.63	23.57		0
	3	2	23.71	23.63	23.56		0
	3	3	23.72	23.63	23.57		0
16QAM	6	0	22.70	22.62	22.73	0-1	1
	1	0	23.13	22.97	22.93	0-1	1
	1	2	22.97	22.82	22.79		1
	1	5	23.03	22.74	22.82		1
	3	0	22.87	22.74	22.74		1
	3	2	22.94	22.77	22.73		1
	3	3	22.96	22.71	22.71		1
6	0	21.78	21.69	21.66	0-2	2	

E.1.6 LTE Band 66

**Table E-12
LTE Band 66 Conducted Powers – 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	22.99	22.89	22.54	0	0	
	1	36	22.88	22.77	22.57		0	
	1	74	22.90	22.76	22.58		0	
	QPSK	36	0	22.49	22.43	22.25	0-1	1
		36	18	22.41	22.27	22.16		1
		36	37	22.39	22.19	22.19		1
		75	0	22.54	22.35	22.38	1	
		15	0	22.84	22.93	22.54	0-1	0
		15	30	22.86	22.86	22.63		0
	15	60	22.86	22.73	22.62	0		
	QPSK	27	0	22.16	22.10	21.89	0-2	1
		27	24	22.24	22.01	21.97		1
		27	48	22.33	21.99	21.99	1	
		1	0	22.37	22.53	22.33	0-2	1
1	36	22.55	22.42	22.13	1			
1	74	22.69	22.49	22.30	1			
16QAM	15	0	22.20	22.14	21.94	0-3	1	
	15	30	22.35	22.06	21.97		1	
	15	60	22.37	22.03	22.02		1	
	27	0	21.48	21.28	21.15	0-5	2	
	27	24	21.51	21.17	21.13		2	
	27	48	21.56	21.12	21.17		2	

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Table E-13
LTE Band 66 Conducted Powers – 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	22.86	22.64	0	0			
	1	25	22.99	22.71	22.62		0			
	1	49	23.05	22.73	22.80		0			
	QPSK	25	0	22.32	22.10	21.94	0-1	1		
		25	12	22.32	22.01	21.91		1		
		25	25	22.27	22.01	21.94		1		
		QPSK	50	0	22.37	22.04	22.01	0-1	1	
			15	0	22.00	22.11	21.92		1	
			15	17	22.18	22.01	21.91		1	
			QPSK	15	35	22.18	22.04	21.93	0-1	1
				27	0	22.15	22.13	21.95		1
				27	12	22.20	21.98	21.92		0-2
16QAM	27	23	22.21	22.04	21.93	0-2	1			
	1	0	22.41	22.38	22.21		0-2	1		
	1	25	22.43	22.23	22.24			1		
	16QAM	1	49	22.56	22.35	22.32		0-3	1	
		25	0	21.47	21.33	21.13	2			
		25	12	21.51	21.23	21.15	2			
		16QAM	25	25	21.49	21.24	21.19	0-3	2	
			15	0	21.20	21.23	21.13		2	
			15	17	21.44	21.17	21.12		0-5	2
			15	35	21.41	21.22	21.29	2		
			27	0	21.44	21.29	21.16	2		
			27	12	21.43	21.19	21.15	2		
27	23	21.52	21.18	21.24	2					

Table E-14
LTE Band 66 Conducted Powers – 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	22.97	22.76	22.53	0	0	
	1	12	22.86	22.72	22.58		0	
	1	24	22.91	22.72	22.60		0	
	QPSK	12	0	22.08	21.97	21.92	0-1	1
		12	6	22.09	21.95	21.91		1
		12	13	22.08	22.00	21.93		1
16QAM	25	0	22.11	21.96	21.96	0-1	1	
	1	0	22.10	22.46	22.32		1	
	1	12	22.23	22.42	22.38		1	
	16QAM	1	24	22.31	22.28	22.42	0-2	1
		12	0	21.36	21.25	21.29		2
		12	6	21.41	21.23	21.23		2
		12	13	21.42	21.18	21.24		2
		25	0	21.35	21.25	21.19		2

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**Table E-15
LTE Band 66 Conducted Powers – 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	22.83	22.66	22.53	0	0
	1	7	22.85	22.70	22.59		0
	1	14	22.88	22.67	22.55		0
	8	0	22.07	21.97	21.97	0-1	1
	8	4	22.04	21.94	21.97		1
	8	7	22.18	22.00	21.96		1
16QAM	15	0	22.05	21.96	21.95	0-1	1
	1	0	22.21	22.05	22.06		1
	1	7	22.29	22.10	22.31		1
	1	14	22.34	21.99	22.37	0-2	1
	8	0	21.48	21.39	21.28		2
	8	4	21.40	21.27	21.27		2
	8	7	21.43	21.25	21.28	2	
	15	0	21.41	21.21	21.23	2	

**Table E-16
LTE Band 66 Conducted Powers – 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	22.97	22.97	22.83	0	0
	1	2	22.98	22.91	22.77		0
	1	5	22.94	22.93	22.76		0
	3	0	22.92	22.92	22.64		0
	3	2	22.90	22.95	22.57		0
	3	3	22.87	23.00	22.55	0	
16QAM	6	0	22.18	22.16	22.02	0-1	1
	1	0	22.38	22.31	22.15	0-1	1
	1	2	22.43	22.24	22.18		1
	1	5	22.26	22.31	22.14		1
	3	0	22.20	22.27	22.07		1
	3	2	22.35	22.28	22.10		1
3	3	22.33	22.30	21.98	1		
	6	0	21.43	21.56	21.32	0-2	2

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E.1.7 LTE Band 25

**Table E-17
LTE Band 25 Conducted Powers – 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	23.35	23.20	23.24	0	0	
	1	36	23.56	23.41	23.50		0	
	1	74	23.45	23.45	23.17		0	
	QPSK	36	0	22.54	22.41	22.37	0-1	1
		36	18	22.65	22.53	22.53		1
		36	37	22.61	22.60	22.40		1
		75	0	22.75	22.68	22.68	0-1	1
		15	0	23.41	23.27	23.21		0
		15	30	23.64	23.50	23.56		0
	QPSK	15	60	23.48	23.55	23.10	0-1	0
		27	0	22.44	22.36	22.36		1
		27	24	22.62	22.51	22.48		0-2
27		48	22.55	22.58	22.20	1		
16QAM		1	0	22.15	22.52	22.18	0-2	1
		1	36	22.24	22.45	22.27		1
	1	74	22.27	22.49	22.23	1		
	16QAM	15	0	22.11	22.29	22.16	0-3	1
		15	30	22.14	22.15	22.11		1
	15	60	22.13	22.09	22.19	0-5		1
	27	0	21.07	21.18	21.11		2	
	27	24	21.14	21.16	21.12		2	
	27	48	21.16	21.08	21.15		2	

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Table E-18
LTE Band 25 Conducted Powers – 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	23.33	23.30	23.39	0	0		
	1	25	23.48	23.44	23.25		0		
	1	49	23.50	23.57	23.20		0		
	QPSK	25	0	22.50	22.47	22.52	0-1	1	
		25	12	22.57	22.51	22.36		1	
		25	25	22.59	22.60	22.20		1	
		15	0	22.46	22.37	22.47	0-1	1	
		15	17	22.56	22.49	22.34		1	
		15	35	22.62	22.57	22.07		1	
	16QAM	27	0	22.48	22.43	22.47	0-2	1	
		27	12	22.55	22.48	22.32		1	
		27	23	22.64	22.60	22.17	0-5	1	
1		0	22.41	22.56	22.28	0-2		1	
1		25	22.41	22.44	22.14			1	
1		49	22.55	22.48	22.21			1	
16QAM		25	0	21.14	21.49	21.34		0-3	2
		25	12	21.12	21.16	21.08			2
		25	25	21.16	21.18	20.95			2
		15	0	21.14	21.24	21.11		0-5	2
	15	17	21.11	21.26	21.03	2			
	15	35	21.18	21.20	21.02	2			
	27	0	21.08	21.14	21.08	2			
	27	12	21.06	21.13	21.09	2			
27	23	21.12	21.10	20.99	2				

Table E-19
LTE Band 25 Conducted Powers – 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	23.41	23.39	23.35	0	0	
	1	12	23.44	23.44	23.21		0	
	1	24	23.56	23.55	23.28		0	
	QPSK	12	0	22.36	22.43	22.15	0-1	1
		12	6	22.40	22.44	22.13		1
		12	13	22.44	22.58	22.19		1
		25	0	22.41	22.47	22.20		1
16QAM	1	0	22.31	22.28	22.24	0-1	1	
	1	12	22.49	22.35	22.48		1	
	1	24	22.37	22.41	22.47		1	
	16QAM	12	0	21.06	21.00	20.95	0-2	2
		12	6	21.12	21.09	20.96		2
		12	13	21.12	21.07	21.00		2
		25	0	21.09	21.07	20.94		2

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Table E-20
LTE Band 25 Conducted Powers – 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	23.26	23.30	23.05	0	0
	1	7	23.33	23.40	23.13		0
	1	14	23.34	23.39	23.20		0
	8	0	22.32	22.41	22.03	0-1	1
	8	4	22.33	22.42	22.09		1
	8	7	22.36	22.57	22.20		1
16QAM	15	0	22.35	22.43	22.17	0-1	1
	1	0	22.43	22.21	22.35		1
	1	7	22.35	22.35	22.58		1
	1	14	22.33	22.23	22.00	0-2	1
	8	0	21.10	21.26	20.99		2
	8	4	21.06	21.17	21.07		2
	8	7	21.13	21.17	21.03	2	
	15	0	21.04	21.12	21.06	2	

Table E-21
LTE Band 25 Conducted Powers – 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	23.31	23.47	23.13	0	0
	1	2	23.29	23.46	23.11		0
	1	5	23.34	23.49	23.21		0
	3	0	23.35	23.42	23.14		0
	3	2	23.37	23.42	23.19		0
	3	3	23.38	23.59	23.22		0
16QAM	6	0	22.35	22.43	22.18	0-1	1
	1	0	22.28	22.47	22.39	0-1	1
	1	2	22.25	22.37	22.41		1
	1	5	22.30	22.40	22.49		1
	3	0	22.19	22.33	22.10		1
	3	2	22.20	22.36	22.13		1
3	3	22.17	22.32	22.11	1		
	6	0	21.16	21.28	21.05	0-2	2

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E.1.8 LTE Band 7

Table E-22
LTE Band 7 Conducted Powers – 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	22.66	22.92	22.66	0	0
	1	36	22.62	22.87	22.58		0
	1	74	22.64	22.72	22.61		0
	36	0	22.00	22.13	21.95	0-1	1
	36	18	21.55	21.69	21.71		1
	36	37	21.60	21.62	21.71		1
	75	0	21.61	21.71	22.06	0-1	1
	15	0	22.51	22.65	22.69		0
	15	30	22.54	22.66	22.70		0
	15	60	22.58	22.59	22.70	0-2	0
	27	0	21.58	21.76	21.81		1
	27	24	21.53	21.70	21.69		1
27	48	21.54	21.64	21.68	1		
16QAM	1	0	21.82	22.03	22.10	0-2	1
	1	36	21.69	21.85	21.88		1
	1	74	21.77	21.74	21.98		1
	15	0	21.59	21.81	21.84	0-3	1
	15	30	21.58	21.73	21.69		1
	15	60	21.64	21.64	21.70		1
	27	0	20.58	20.86	20.75	0-5	2
	27	24	20.51	20.73	20.69		2
27	48	20.54	20.66	20.67	2		

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**Table E-23
LTE Band 7 Conducted Powers – 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	22.63	22.84	22.81	0	0	
	1	25	22.61	22.78	22.71		0	
	1	49	22.66	22.74	22.79		0	
	QPSK	25	0	22.00	22.07	21.88	0-1	1
		25	12	21.78	21.85	21.86		1
		25	25	21.78	21.84	21.89		1
		50	0	21.85	21.86	21.93	0-1	1
		15	0	21.74	21.90	21.87		1
		15	17	21.74	21.80	21.87		1
	QPSK	15	35	21.76	21.78	21.89	0-1	1
		27	0	21.73	21.84	21.87		1
		27	12	21.74	21.82	21.86		0-2
27		23	21.71	21.83	21.87	1		
16QAM		1	0	21.99	22.21	22.15	0-2	
		1	25	21.96	22.08	22.11		1
	1	49	21.98	22.04	22.29	1		
	16QAM	25	0	20.72	20.25	20.88	0-3	2
		25	12	20.80	20.84	20.83		2
		25	25	20.77	20.81	20.84		2
	16QAM	15	0	20.76	20.89	20.84	0-5	2
		15	17	20.81	20.83	20.83		2
		15	35	20.79	20.76	20.86		2
		27	0	20.70	20.78	20.82		2
27		12	20.77	20.78	20.82	2		
27	23	20.74	20.76	20.83	2			

**Table E-24
LTE Band 7 Conducted Powers – 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	22.83	22.92	22.79	0	0	
	1	12	22.81	22.90	22.81		0	
	1	24	22.86	22.92	22.77		0	
	QPSK	12	0	21.89	21.94	21.97	0-1	1
		12	6	21.82	21.89	21.95		1
		12	13	21.82	21.90	21.97		1
16QAM	25	0	21.82	21.93	21.97	0-1	1	
	1	0	22.20	22.23	22.34		0-1	1
	1	12	22.21	22.21	22.22			1
	16QAM	1	24	22.24	22.26	22.37		0-2
		12	0	20.77	20.99	20.97	2	
		12	6	20.82	20.83	20.92	2	
		12	13	20.83	20.97	21.02	2	
25	0	20.71	20.96	21.00	2			

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E.1.9 LTE Band 41

**Table E-25
LTE Band 41 Conducted Powers – 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	22.96	23.20	23.09	22.85	23.16	0	0			
	1	36	23.10	23.21	23.18	23.25	23.19		0			
	1	74	23.04	23.15	23.15	23.19	23.09		0			
	QPSK	36	0	21.89	22.06	22.01	22.14	21.99	0-1	1		
		36	18	21.96	22.05	22.04	22.11	22.01		1		
		36	37	21.89	22.02	22.01	22.05	21.98		1		
		QPSK	75	0	22.01	22.06	22.04	22.05	22.03	0-1	1	
			15	0	22.82	23.03	22.98	23.06	22.99		0	
			15	30	22.92	23.08	23.05	23.10	23.05		0	
			QPSK	15	60	22.83	23.02	23.00	23.01	22.91	0-1	0
				27	0	21.87	22.06	21.99	22.12	21.99		1
				27	24	21.91	22.06	22.04	22.06	22.02	0-2	1
27		48		21.84	22.02	21.97	22.01	21.96	1			
16QAM	1	0	22.26	22.81	22.52	22.51	22.65	0-2	1			
	1	36	22.34	22.76	22.59	22.52	22.69		1			
	1	74	22.30	22.67	22.61	22.43	22.51		1			
	16QAM	15	0	21.89	22.07	21.98	22.16	21.99	0-3	1		
		15	30	21.97	22.10	22.07	22.15	22.05		1		
		15	60	21.87	22.03	21.98	22.07	21.95	0-5	1		
		27	0	20.85	21.02	20.95	21.07	21.07		2		
	16QAM	27	24	20.88	21.04	20.99	21.05	21.00	0-5	2		
27		48	20.81	21.01	20.95	20.99	20.92	2				

**Table E-26
LTE Band 41 Conducted Powers – 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	22.64	23.00	22.91	22.91	22.92	0	0		
	1	25	22.64	22.96	22.91	22.77	22.90		0		
	1	49	22.61	22.98	22.91	22.78	22.88		0		
	QPSK	25	0	21.64	21.85	21.73	21.87	21.75	0-1	1	
		25	12	21.65	21.78	21.73	21.80	21.73		1	
		25	25	21.60	21.78	21.74	21.80	21.70		1	
		QPSK	50	0	21.67	21.79	21.75	21.82	21.74	0-1	1
			15	0	21.52	21.84	21.75	21.63	21.75		1
			15	17	21.66	21.80	21.76	21.85	21.74	0-1	1
			15	35	21.62	21.80	21.75	21.83	21.73		1
			QPSK	27	0	21.62	21.83	21.73	21.88	21.74	0-2
	27	12		21.64	21.77	21.73	21.82	21.71	1		
27	23	21.59		21.78	21.74	21.82	21.71	0-2	1		
1	0	22.39		22.48	22.28	22.52	22.40		0-2	1	
16QAM	1	25	22.27	22.45	22.28	22.52	22.45	0-2		1	
	1	49	22.28	22.48	22.33	22.44	22.43			1	
	25	0	20.62	21.50	20.73	20.92	20.71	0-3	2		
	25	12	20.64	20.78	20.73	20.84	20.73		2		
	16QAM	25	25	20.62	20.78	20.74	20.83	20.69	0-3	2	
		15	0	20.64	20.87	20.74	20.93	20.77		0-5	2
		15	17	20.66	20.81	20.73	20.87	20.78	0-5		2
		15	35	20.54	20.81	20.77	20.85	20.72		0-5	2
		27	0	20.59	20.82	20.71	20.90	20.72	0-5		2
		27	12	20.61	20.79	20.71	20.83	20.71		0-5	2
27		23	20.58	20.78	20.73	20.85	20.68	0-5	2		

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Table E-27
LTE Band 41 Conducted Powers – 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	22.73	22.90	22.76	22.94	22.84	0	0	
	1	12	22.68	22.85	22.75	22.86	22.81		0	
	1	24	22.67	22.85	22.77	22.87	22.81		0	
	QPSK	12	0	22.40	21.88	21.75	21.88	21.79	0-1	1
		12	6	21.62	21.87	21.73	21.82	21.77		1
		12	13	21.64	21.82	21.74	21.83	21.76		1
		25	0	21.65	21.81	21.74	21.85	21.77		1
16QAM	1	0	22.04	22.49	22.22	22.35	22.47	0-1	1	
	1	12	22.10	22.48	22.25	22.31	22.39		1	
	1	24	22.09	22.47	22.28	22.30	22.41		1	
	16QAM	12	0	20.65	20.91	20.79	20.91	20.79	0-2	2
		12	6	20.67	20.83	20.78	20.85	20.81		2
		12	13	20.67	20.83	20.79	20.86	20.77		2
		25	0	20.64	20.82	20.75	20.84	20.77		2

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