

## 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 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	24.03	23.77	23.86	0	0
	1	12	24.00	23.82	23.74		0
	1	24	24.02	23.91	23.58		0
	12	0	22.89	22.72	22.83	0-1	1
	12	6	22.87	22.76	22.80		1
	12	13	22.88	22.83	22.74		1
16QAM	25	0	22.87	22.78	22.81	0-1	1
	1	0	23.37	23.16	23.24		1
	1	12	23.42	23.13	23.10		1
	1	24	23.33	23.21	23.01	0-2	1
	12	0	21.97	21.75	21.88		2
	12	6	21.93	21.82	21.84		2
	12	13	21.94	21.86	21.77	2	
	25	0	21.91	22.00	21.82	2	

**Table E-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	24.02	23.83	23.99	0	0
	1	7	24.11	23.94	24.00		0
	1	14	24.03	23.93	23.85		0
	8	0	23.15	23.01	23.03	0-1	1
	8	4	23.14	22.99	22.97		1
	8	7	23.16	23.07	22.93		1
16QAM	15	0	23.10	23.00	22.98	0-1	1
	1	0	23.41	23.29	23.46		1
	1	7	23.38	23.37	23.42		1
	1	14	23.44	23.32	23.28	0-2	1
	8	0	22.27	22.05	22.08		2
	8	4	22.24	22.07	22.05		2
	8	7	22.28	22.14	21.99	2	
	15	0	22.18	22.04	22.02	2	

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**Table E-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	24.08	23.99	23.96	0	0
	1	2	24.07	23.95	23.91		0
	1	5	24.12	24.13	23.89		0
	3	0	23.50	24.00	23.98		0
	3	2	24.13	24.02	23.95		0
	3	3	24.14	24.01	23.93		0
16QAM	6	0	23.12	22.98	22.92	0-1	1
	1	0	23.38	23.21	23.34	0-1	1
	1	2	23.35	23.19	23.32		1
	1	5	23.42	23.26	23.31		1
	3	0	23.37	23.17	23.12		1
	3	2	23.33	23.16	23.08		1
	3	3	23.39	23.09	23.06		1
	6	0	22.24	22.15	21.98	0-2	2

**E.1.2 LTE Band 13**

**Table E-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	24.15	0	0	
	1	12	24.08		0	
	1	24	24.15		0	
	16QAM	12	0	23.23	0-1	1
		12	6	23.16		1
		12	13	23.14		1
		25	0	23.15		1
16QAM	1	0	22.64	0-1	1	
	1	12	22.55		1	
	1	24	22.52		1	
	16QAM	12	0	22.04	0-2	2
		12	6	21.89		2
		12	13	21.67		2
		25	0	21.52		2

### E.1.3 LTE Band 14

**Table E-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	24.01	0	0
	1	12	24.05		0
	1	24	24.02		0
	12	0	22.95	0-1	1
	12	6	23.00		1
	12	13	23.15		1
	25	0	23.14	1	
16QAM	1	0	23.76	0-1	1
	1	12	23.82		1
	1	24	23.59		1
	12	0	22.06	0-2	2
	12	6	22.13		2
	12	13	21.97		2
	25	0	22.19		2

### E.1.4 LTE Band 26

**Table E-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	24.64	24.50	24.76	0	0
	1	12	24.51	24.48	24.67		0
	1	24	24.52	24.33	24.52		0
	12	0	23.49	23.53	23.53	0-1	1
	12	6	23.44	23.49	23.51		1
	12	13	23.42	23.47	23.44		1
	25	0	23.44	23.52	23.50	1	
16QAM	1	0	23.92	24.23	24.06	0-1	1
	1	12	23.85	24.30	24.09		1
	1	24	23.85	23.97	23.80		1
	12	0	22.70	22.89	22.81	0-2	2
	12	6	22.49	22.54	22.72		2
	12	13	22.55	22.48	22.60		2
	25	0	22.99	22.71	22.54	2	

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**Table E-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	24.47	24.41	24.51	0	0
	1	7	24.49	24.42	24.50		0
	1	14	24.38	24.33	24.36		0
	8	0	23.56	23.53	23.49	0-1	1
	8	4	23.50	23.51	23.46		1
	8	7	23.49	23.49	23.48		1
16QAM	15	0	23.51	23.48	23.47	0-1	1
	1	0	23.90	24.02	23.92		1
	1	7	23.72	23.89	23.88		1
	1	14	23.89	23.78	23.86	0-1	1
	8	0	22.63	22.62	22.81		2
	8	4	22.59	22.56	22.80		0-2
	8	7	22.56	22.57	22.61	2	
	15	0	22.93	22.71	22.54	2	

**Table E-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	24.54	24.62	24.45	0	0
	1	2	24.53	24.57	24.41		0
	1	5	24.56	24.59	24.39		0
	3	0	23.90	24.02	23.97		0
	3	2	23.86	24.03	23.90		0
	3	3	23.89	24.10	23.91		0
	6	0	23.55	23.69	23.61	0-1	1
16QAM	1	0	23.85	24.01	23.88	0-1	1
	1	2	23.81	23.89	23.83		1
	1	5	23.78	23.75	23.86		1
	3	0	23.10	23.20	23.62		1
	3	2	22.95	23.40	23.53		1
	3	3	23.02	23.15	23.55		1
	6	0	22.64	22.71	22.55	0-2	2

### E.1.5 LTE Band 5

**Table E-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	24.03	23.77	23.86	0	0
	1	12	24.00	23.82	23.74		0
	1	24	24.02	23.91	23.58		0
	12	0	22.89	22.72	22.83	0-1	1
	12	6	22.87	22.76	22.80		1
	12	13	22.88	22.83	22.74		1
	25	0	22.87	22.78	22.81		1
16QAM	1	0	23.37	23.16	23.24	0-1	1
	1	12	23.42	23.13	23.10		1
	1	24	23.33	23.21	23.01		1
	12	0	21.97	21.75	21.88	0-2	2
	12	6	21.93	21.82	21.84		2
	12	13	21.94	21.86	21.77		2
	25	0	21.91	21.85	21.82		2

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**Table E-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	24.02	23.83	23.99	0	0
	1	7	24.11	23.94	24.00		0
	1	14	24.03	23.93	23.85		0
	8	0	23.15	23.01	23.03	0-1	1
	8	4	23.14	22.99	22.97		1
	8	7	23.16	23.07	22.93		1
	15	0	23.10	23.00	22.98		1
16QAM	1	0	23.41	23.29	23.46	0-1	1
	1	7	23.38	23.37	23.42		1
	1	14	23.44	23.32	23.28		1
	8	0	22.27	22.05	22.08	0-2	2
	8	4	22.24	22.07	22.05		2
	8	7	22.28	22.14	21.99		2
	15	0	22.18	22.04	22.02		2

**Table E-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	24.08	23.99	23.96	0	0
	1	2	24.07	23.95	23.91		0
	1	5	24.12	24.13	23.89		0
	3	0	23.50	24.00	23.98		0
	3	2	24.13	24.02	23.95		0
	3	3	24.14	24.01	23.93		0
	6	0	23.12	22.98	22.92	0-1	1
16QAM	1	0	23.38	23.21	23.34	0-1	1
	1	2	23.35	23.19	23.32		1
	1	5	23.42	23.26	23.31		1
	3	0	23.37	23.17	23.12		1
	3	2	23.33	23.16	23.08		1
	3	3	23.39	23.09	23.06		1
	6	0	22.24	22.15	21.98	0-2	2

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### E.1.6 LTE Band 66

**Table E-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	23.31	23.60	23.18	0	0		
	1	36	23.29	23.45	23.19		0		
	1	74	23.30	23.39	23.19		0		
	QPSK	36	0	22.53	22.52	22.48	0-1	1	
		36	18	22.44	22.44	22.46		1	
		36	37	22.40	22.42	22.42		1	
		QPSK	75	0	22.72	22.55	22.67	0-1	1
			15	0	22.97	23.00	22.99		0
			15	30	22.94	22.91	22.97	0-1	0
			15	60	22.83	22.99	22.83	0	
			27	0	22.21	22.40	22.24	0-2	1
			27	24	22.19	22.38	22.27		1
27			48	22.12	22.34	22.24	1		
16QAM	1	0	22.49	22.54	22.72	0-2	1		
	1	36	22.55	22.36	22.49		1		
	1	74	22.70	22.59	22.60		1		
	16QAM	15	0	21.95	22.07	22.11	0-3	1	
		15	30	21.95	22.09	22.14		1	
		15	60	21.82	21.97	22.03		1	
		27	0	21.30	21.37	21.40	0-5	2	
		27	24	21.13	21.24	21.31		2	
		27	48	21.01	21.12	21.14		2	

**Table E-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	23.56	23.37	23.41	0	0		
	1	25	23.45	23.25	23.36		0		
	1	49	23.54	23.23	23.21		0		
	QPSK	25	0	22.61	22.47	22.40	0-1	1	
		25	12	22.60	22.41	22.38		1	
		25	25	22.57	22.40	22.44		1	
		QPSK	50	0	22.58	22.49	22.46	0-1	1
			15	0	22.22	22.13	22.17		1
			15	17	22.20	22.10	22.13	0-1	1
			15	35	22.17	22.06	22.09	1	
	27		0	22.21	22.14	22.11	0-2	1	
	27		12	22.17	22.11	22.09		1	
16QAM	27	23	22.15	22.07	22.04	1			
	1	0	22.65	22.50	22.60	0-2	1		
	1	25	22.63	22.45	22.49		1		
	1	49	22.70	22.61	22.59		1		
	16QAM	25	0	21.49	21.77	21.56	0-3	2	
		25	12	21.57	21.69	21.52		2	
		25	25	21.66	21.73	21.48	2		
		16QAM	15	0	21.60	21.58	21.41	0-5	2
			15	17	21.54	21.68	21.62		2
			15	35	21.55	21.64	21.57		2
27			0	21.34	21.43	21.37	2		
27			12	21.38	21.47	21.44	2		
27	23	21.41	21.52	21.56	2				

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**Table E-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	23.62	23.20	23.44	0	0
	1	12	23.54	23.12	23.41		0
	1	24	23.48	23.13	23.45		0
	12	0	22.61	22.40	22.34	0-1	1
	12	6	22.55	22.37	22.33		1
	12	13	22.59	22.35	22.36		1
16QAM	25	0	22.56	22.36	22.37	0-1	1
	1	0	22.94	22.53	22.70		1
	1	12	22.86	22.45	22.49		1
	1	24	22.81	22.51	22.59	0-2	1
	12	0	21.61	21.45	21.56		2
	12	6	21.54	21.37	21.58		2
	12	13	21.58	21.49	21.55		2
	25	0	21.56	21.38	21.42		2

**Table E-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	23.50	23.21	23.22	0	0
	1	7	23.54	23.25	23.27		0
	1	14	23.45	23.18	23.26		0
	8	0	22.62	22.39	22.34	0-1	1
	8	4	22.61	22.36	22.35		1
	8	7	22.58	22.34	22.37		1
16QAM	15	0	22.61	22.35	22.40	0-1	1
	1	0	22.79	22.53	22.63		1
	1	7	22.83	22.45	22.50		1
	1	14	22.79	22.62	22.59	0-2	1
	8	0	21.69	21.44	21.52		2
	8	4	21.72	21.39	21.48		2
	8	7	21.64	21.45	21.53		2
	15	0	21.65	21.38	21.44		2

**Table E-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	23.53	23.36	23.37	0	0
	1	2	23.52	23.34	23.36		0
	1	5	23.55	23.35	23.40		0
	3	0	22.88	22.72	22.80		0
	3	2	22.88	22.63	22.76		0
	3	3	22.91	22.69	22.75		0
	6	0	22.03	22.20	22.15	0-1	1
16QAM	1	0	22.87	22.53	22.74	0-1	1
	1	2	22.86	22.45	22.49		1
	1	5	22.80	22.48	22.61		1
	3	0	21.95	21.92	22.00		1
	3	2	21.93	21.55	21.74		1
	3	3	21.89	21.71	21.75		1
	6	0	21.72	21.46	21.54		0-2

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## E.1.7 LTE Band 25

**Table E-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	23.49	23.54	23.48	0	0
	1	36	23.44	23.51	23.41		0
	1	74	23.45	23.46	23.38		0
	36	0	22.71	22.62	22.76	0-1	1
	36	18	22.56	22.61	22.58		1
	36	37	22.53	22.54	22.63		1
	75	0	22.70	22.53	22.55	0-1	1
	15	0	23.27	23.18	23.23		0
	15	30	23.24	23.12	23.14		0
	15	60	23.20	23.08	23.12	0-1	0
	27	0	22.18	22.17	22.23		1
	27	24	22.22	22.11	22.15		1
	27	48	22.19	22.04	22.14	0-2	1
	1	0	22.78	22.80	22.79		1
1	36	22.76	22.82	22.86	1		
16QAM	1	74	22.74	22.83	22.74	0-2	1
	15	0	22.09	22.11	22.05		1
	15	30	21.81	21.86	21.95		1
	15	60	21.89	21.85	21.88	0-3	1
	27	0	21.50	21.46	21.03		2
	27	24	20.90	20.85	20.97		2
	27	48	20.84	20.84	20.88	0-5	2
							2
							2

**Table E-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	23.47	23.45	23.44	0	0
	1	25	23.42	23.36	23.32		0
	1	49	23.39	23.31	23.37		0
	25	0	22.61	22.50	22.45	0-1	1
	25	12	22.58	22.48	22.48		1
	25	25	22.59	22.49	22.46		1
	50	0	22.62	22.55	22.59	0-1	1
	15	0	22.42	22.38	22.40		1
	15	17	22.38	22.34	22.33		1
	15	35	22.42	22.37	22.39	0-1	1
	27	0	22.40	22.32	22.42		1
	27	12	22.33	22.27	22.30		1
	27	23	22.38	22.31	22.33	0-2	1
	1	0	22.93	22.82	22.77		0-2
1	25	22.80	22.90	22.89	1		
1	49	22.82	22.87	22.74	1		
16QAM	25	0	21.26	21.18	21.17	0-3	2
	25	12	21.21	21.14	21.18		2
	25	25	21.23	21.14	21.22		2
	15	0	21.37	21.28	21.34	0-5	2
	15	17	21.27	21.15	21.30		2
	15	35	21.26	21.21	21.29		2
	27	0	21.20	21.16	21.22	0-5	2
	27	12	21.17	21.13	21.23		2
	27	23	21.14	21.12	21.08		2

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**Table E-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	23.62	23.49	23.29	0	0
	1	12	23.57	23.45	23.27		0
	1	24	23.61	23.46	23.33		0
	12	0	22.51	22.44	22.43	0-1	1
	12	6	22.55	22.42	22.44		1
	12	13	22.59	22.46	22.41		1
16QAM	25	0	22.54	22.47	22.46	0-1	1
	1	0	22.97	22.82	22.69		1
	1	12	22.95	22.78	22.64		1
	1	24	22.92	22.85	22.72	0-2	1
	12	0	21.56	21.51	21.61		2
	12	6	21.60	21.46	21.73		2
	12	13	21.58	21.49	21.66	2	
	25	0	21.49	21.44	21.55	2	

**Table E-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	23.40	23.35	23.36	0	0
	1	7	23.44	23.38	23.40		0
	1	14	23.42	23.28	23.37		0
	8	0	22.50	22.46	22.45	0-1	1
	8	4	22.49	22.44	22.38		1
	8	7	22.56	22.45	22.42		1
16QAM	15	0	22.48	22.43	22.40	0-1	1
	1	0	22.78	22.84	22.64		1
	1	7	22.81	22.88	22.72		1
	1	14	22.76	22.83	22.69	0-2	1
	8	0	21.61	21.57	21.62		2
	8	4	21.55	21.58	21.67		2
	8	7	21.59	21.56	21.64	2	
15	0	21.49	21.48	21.58	2		

**Table E-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	23.45	23.56	23.43	0	0
	1	2	23.43	23.51	23.37		0
	1	5	23.44	23.54	23.46		0
	3	0	22.74	22.70	22.80		0
	3	2	22.76	22.68	22.82		0
	3	3	22.75	22.69	22.85		0
16QAM	6	0	22.52	22.44	22.43	0-1	1
	1	0	22.73	22.65	22.77		1
	1	2	22.54	22.67	22.53		1
	1	5	22.65	22.65	22.59	0-1	1
	3	0	22.46	22.38	22.37		1
	3	2	22.42	22.35	22.32		1
	3	3	21.90	22.33	22.34	1	
	6	0	21.44	21.50	21.57	0-2	2

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### E.1.8 LTE Band 7

**Table E-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	22.80	23.16	23.28	0	0
	1	36	22.89	23.07	23.29		0
	1	74	22.96	23.06	23.35		0
	36	0	21.97	22.20	22.15	0-1	1
	36	18	22.01	22.14	22.19		1
	36	37	22.08	22.12	22.21		1
	75	0	22.11	22.26	22.39	0-1	1
	15	0	22.70	22.55	22.72		0
	15	30	22.67	22.61	22.66		0
	15	60	22.52	22.63	22.45	0-1	0
	27	0	21.91	22.14	22.01		1
	27	24	21.96	22.10	22.20		1
	27	48	22.03	22.06	22.18	0-2	1
	1	0	22.28	22.49	22.45		1
1	36	22.37	22.48	22.28	1		
16QAM	1	74	22.38	22.49	22.39	0-2	1
	15	0	21.95	22.15	22.13		1
	15	30	22.01	22.07	22.15		1
	15	60	22.09	22.04	22.16	0-3	1
	27	0	20.95	21.14	21.13		2
	27	24	20.99	21.08	21.15		2
	27	48	21.07	21.06	21.14	0-5	2
	1	0	22.28	22.49	22.45		1
	1	36	22.37	22.48	22.28		1

**Table E-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	22.76	23.08	23.10	0	0
	1	25	22.86	22.93	23.01		0
	1	49	22.94	22.94	23.09		0
	25	0	22.00	22.08	22.07	0-1	1
	25	12	21.99	22.07	22.09		1
	25	25	21.99	22.07	22.18		1
	50	0	22.05	22.10	22.23	0-1	1
	15	0	21.97	22.13	22.12		1
	15	17	21.96	22.07	22.13		1
	15	35	22.00	22.05	22.17	0-1	1
	27	0	21.97	22.07	22.11		1
	27	12	21.97	22.06	22.12		1
	27	23	21.98	22.09	22.16	0-2	1
	1	0	22.33	22.40	22.30		1
1	25	22.24	22.28	22.17	1		
16QAM	1	49	22.44	22.26	22.33	0-2	1
	25	0	21.02	21.09	21.15		2
	25	12	21.02	21.15	21.16		2
	25	25	21.01	21.14	21.21	0-3	2
	15	0	21.02	21.17	21.14		2
	15	17	21.08	21.10	21.20		2
	15	35	21.05	21.12	21.24	0-5	2
	27	0	21.00	21.12	21.20		2
	27	12	21.03	21.10	21.14		2
	27	23	21.02	21.13	21.09	2	

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**Table E-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	22.73	22.84	22.78	0	0
	1	12	22.81	22.99	22.92		0
	1	24	22.86	22.93	22.90		0
	12	0	21.94	22.01	22.04	0-1	1
	12	6	21.97	22.09	22.00		1
	12	13	21.93	21.97	21.93		1
16QAM	25	0	21.99	22.06	22.16	0-1	1
	1	0	22.00	22.14	22.17		1
	1	12	22.10	22.27	22.24		1
	1	24	22.22	22.32	22.42	0-2	1
	12	0	20.95	21.07	21.03		2
	12	6	20.96	21.08	21.16		2
		12	13	20.90	20.83	20.80	2
		25	0	20.98	20.99	21.02	2

**E.1.9 LTE Band 7 Reduced**

**Table E-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	22.53	22.61	22.57	0	0
	1	36	22.66	22.63	22.54		0
	1	74	22.69	22.58	22.59		0
	36	0	21.70	21.50	21.57	0-1	1
	36	18	21.76	21.55	21.55		1
	36	37	21.73	21.56	21.58		1
	75	0	21.70	21.57	21.50	0-1	1
	15	0	21.80	21.67	21.66		0
	15	30	21.85	21.65	21.71		0
	15	60	21.92	21.70	21.70	0-2	0
	27	0	20.78	20.95	20.91		1
	27	24	20.91	20.90	20.96		1
	27	48	20.95	20.89	20.97	0-2	1
	1	0	21.11	21.28	21.30		1
1	36	21.29	21.35	21.32	1		
16QAM	1	74	21.32	21.39	21.29	0-3	1
	15	0	20.85	20.98	20.92		1
	15	30	20.92	20.99	20.96		1
	15	60	20.99	20.91	20.99	0-5	1
	27	0	20.32	20.00	19.96		2
	27	24	20.34	19.98	19.97		2
	27	48	20.42	19.88	19.98	2	

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**Table E-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	22.40	22.73	22.66	0	0
	1	25	22.52	22.64	22.63		0
	1	49	22.74	22.61	22.77		0
	25	0	21.60	21.68	21.67	0-1	1
	25	12	21.58	21.67	21.76		1
	25	25	21.67	21.69	21.74		1
	50	0	21.62	21.65	21.81	0-1	1
	15	0	21.64	21.66	21.74		1
	15	17	21.66	21.65	21.75		1
	15	35	21.70	21.64	21.80	0-2	1
	27	0	21.45	21.49	21.50		1
	27	12	21.47	21.50	21.49		1
27	23	21.48	21.54	21.61	0-2	1	
1	0	21.32	21.16	21.27		1	
1	25	21.28	21.20	21.22		1	
16QAM	1	49	21.35	21.27	21.34	0-2	1
	25	0	19.91	19.99	20.01		2
	25	12	19.93	19.96	20.01		2
	25	25	19.92	19.97	20.03	0-3	2
	15	0	19.90	20.06	20.02		2
	15	17	19.91	19.93	20.02		2
	15	35	19.95	19.93	20.06	0-5	2
	27	0	20.50	19.80	19.91		2
	27	12	20.75	19.75	19.82		2
	27	23	20.79	19.76	19.88		2

**Table E-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	22.53	22.75	22.61	0	0
	1	12	22.60	22.74	22.62		0
	1	24	22.73	22.72	22.77		0
	12	0	21.48	21.71	21.71	0-1	1
	12	6	21.51	21.69	21.74		1
	12	13	21.57	21.70	21.77		1
25	0	21.60	21.72	21.73	0-1	1	
1	0	21.20	21.46	21.33		1	
1	12	21.24	21.52	21.47		1	
16QAM	1	24	21.36	21.57	21.50	0-1	1
	12	0	20.40	20.17	20.20		2
	12	6	20.50	20.13	20.32		2
	12	13	20.31	20.15	20.14	0-2	2
	25	0	20.32	20.39	20.42		2

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### E.1.10 LTE Band 41

**Table E-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	22.81	23.13	22.94	22.91	22.84	0	0	
	1	36	22.94	23.17	23.18	22.84	22.86		0	
	1	74	23.04	23.15	23.11	22.79	22.81		0	
		36	0	21.71	22.03	21.99	21.71	21.66	0-1	1
		36	18	21.79	21.97	22.02	21.64	21.69		1
		36	37	21.82	21.99	21.98	21.62	21.63		1
		75	0	21.81	22.01	22.00	21.67	21.77	0-1	1
		15	0	22.59	23.02	22.98	22.74	22.64		0
		15	30	22.77	23.00	23.03	22.68	22.70		0
		15	60	22.81	23.01	22.94	22.64	22.62	0-2	0
		27	0	22.12	22.00	21.97	21.75	21.63		1
		27	24	21.76	21.97	22.00	21.64	21.65		1
	27	48	21.83	21.98	21.94	21.62	21.58	0-2	1	
16QAM	1	0	22.06	22.39	22.05	22.20	22.07		0-2	1
	1	36	22.18	22.33	22.18	22.08	22.09			1
	1	74	22.29	22.41	22.16	22.06	21.96	1		
		15	0	21.38	21.76	21.74	21.45	21.38	0-3	1
		15	30	21.55	21.80	21.80	21.41	21.42		1
		15	60	21.62	21.78	21.71	21.39	21.37		1
		27	0	20.43	20.73	20.70	20.45	20.41	0-5	2
		27	24	20.53	20.75	20.72	20.41	20.36		2
		27	48	20.55	20.74	20.69	20.43	20.30		2

**Table E-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	22.82	23.03	23.17	22.89	22.70	0	0	
	1	25	22.96	23.00	23.18	22.83	22.71		0	
	1	49	23.01	23.01	23.14	22.84	22.67		0	
		25	0	21.70	22.06	22.05	21.76	21.69	0-1	1
		25	12	21.76	21.98	22.00	21.65	21.65		1
		25	25	21.78	22.01	22.01	21.64	21.62		1
		50	0	21.81	22.00	22.03	21.70	21.68	0-1	1
		15	0	21.69	22.05	22.01	21.73	21.66		1
		15	17	21.78	21.99	22.04	21.67	21.67		1
		15	35	21.81	22.02	22.06	21.66	21.63	0-2	1
		27	0	22.12	22.02	22.00	21.71	21.64		1
		27	12	21.75	21.96	21.99	21.64	21.65		1
	27	23	21.76	21.98	22.02	21.65	21.60	0-2	1	
16QAM	1	0	22.33	22.67	22.52	22.43	22.21		0-2	1
	1	25	22.48	22.62	22.55	22.39	22.10			1
	1	49	22.50	22.65	22.53	22.33	22.15	1		
		25	0	20.73	21.04	20.97	20.76	20.69	0-3	2
		25	12	20.80	20.96	20.98	20.70	20.71		2
		25	25	20.81	20.98	21.01	20.69	20.68		2
		15	0	20.74	21.03	20.96	20.77	20.68	0-5	2
		15	17	20.82	20.97	21.00	20.72	20.71		2
		15	35	20.83	21.00	21.04	20.71	20.70		2
		27	0	20.68	21.02	20.95	20.77	20.44	0-5	2
		27	12	20.74	20.94	20.97	20.67	20.43		2
		27	23	20.79	20.95	21.02	20.68	20.34		2

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**Table E-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	22.80	23.10	23.01	22.81	22.78	0	0	
	1	12	22.86	23.03	23.02	22.71	22.77		0	
	1	24	22.89	23.07	23.05	22.73	22.74		0	
	QPSK	12	0	21.78	22.05	22.00	21.78	21.72	0-1	1
		12	6	21.80	21.99	21.99	21.73	21.71		1
		12	13	21.83	22.02	22.01	21.71	21.65		1
		25	0	21.81	21.97	22.00	21.72	21.70		1
1		0	22.21	22.76	22.53	22.23	22.32	1		
16QAM	1	12	22.28	22.66	22.48	22.15	22.36	0-1	1	
	1	24	22.31	22.64	22.50	22.14	22.35		1	
	12	0	20.78	21.16	20.99	20.80	20.73		2	
	16QAM	12	6	20.81	21.10	21.03	20.76	20.72	0-2	2
		12	13	20.84	21.09	21.07	20.74	20.68		2
		25	0	20.77	21.01	21.04	20.73	20.70		2

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