

**APPENDIX F: LTE LOWER BANDWIDTH RF CONDUCTED POWERS**

<b>FCC ID:</b> BCG-A2727	<b>SAR EVALUATION REPORT</b>	<b>Approved by:</b> Technical Manager
<b>DUT Type:</b> Watch		APPENDIX F: Page 1 of 18

## F.1 LTE Lower Bandwidth RF 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	25.06	25.06	25.14	0	0
	1	12	25.05	24.86	25.34		0
	1	24	25.11	24.79	25.23		0
	12	0	24.18	24.03	24.15	0-1	1
	12	6	24.17	23.98	24.17		1
	12	13	24.18	24.01	24.10		1
16QAM	25	0	24.23	24.01	24.21	0-1	1
	1	0	23.86	23.84	23.61		1
	1	12	23.85	23.78	23.67		1
	1	24	23.91	23.70	23.82	0-2	1
	12	0	22.51	22.61	22.60		2
	12	6	22.57	22.57	22.64		2
	12	13	22.57	22.55	22.60		2
25	0	22.58	22.56	22.63	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	25.04	24.93	25.05	0	0	
	1	7	25.05	24.93	25.03		0	
	1	14	25.02	24.91	24.87		0	
	16QAM	8	0	24.18	24.00	24.22	0-1	1
		8	4	24.17	23.96	24.15		1
		8	7	24.17	24.00	24.12		1
		15	0	24.19	24.00	24.16		1
16QAM	1	0	23.74	23.90	23.83	0-1	1	
	1	7	23.70	23.97	23.92		1	
	1	14	23.72	23.78	23.82		1	
	8	0	22.58	22.68	22.65	0-2	2	
	8	4	22.57	22.63	22.68		2	
	8	7	22.64	22.67	22.69		2	
15	0	22.56	22.61	22.64	2			

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**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	25.08	24.96	25.14	0	0
	1	2	25.00	24.92	25.08		0
	1	5	25.08	24.92	25.04		0
	3	0	25.21	25.01	25.04		0
	3	2	25.19	25.00	25.03		0
	3	3	25.19	24.99	25.01		0
	6	0	24.18	24.00	24.03	0-1	1
16QAM	1	0	23.74	23.67	23.81	0-1	1
	1	2	23.72	23.64	23.84		1
	1	5	23.71	23.67	23.82		1
	3	0	23.70	23.74	23.74		1
	3	2	23.68	23.66	23.75		1
	3	3	23.70	23.67	23.77		1
	6	0	22.65	22.73	22.79		0-2

## 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	24.55	0	0	
	1	12	24.54		0	
	1	24	24.55		0	
	12	0	23.63		0-1	1
	12	6	23.69			1
	12	13	23.71			1
25	0	23.72	1			
16QAM	1	0	23.70	0-1	1	
	1	12	23.52		1	
	1	24	23.51		1	
	12	0	22.42		0-2	2
	12	6	22.31			2
	12	13	22.28			2
25	0	22.34	2			

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**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	24.51	0	0
	1	12	24.69		0
	1	24	24.68		0
	12	0	23.60	0-1	1
	12	6	23.68		1
	12	13	23.65		1
16QAM	25	0	23.70	0-1	1
	1	0	23.60		1
	1	12	23.75		1
	1	24	23.50	0-2	1
	12	0	22.20		2
	12	6	22.26		2
	12	13	22.25		2
	25	0	22.17	2	

**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	24.79	24.60	24.73	0	0
	1	12	24.64	24.56	24.60		0
	1	24	24.56	24.49	24.34		0
	12	0	23.53	23.60	23.57	0-1	1
	12	6	23.54	23.58	23.54		1
	12	13	23.51	23.57	23.51		1
16QAM	25	0	23.56	23.61	23.55	0-1	1
	1	0	24.09	24.02	24.09		1
	1	12	23.95	23.92	24.14		1
	1	24	23.85	23.85	23.76	0-2	1
	12	0	22.67	22.68	22.61		2
	12	6	22.63	22.63	22.61		2
	12	13	22.55	22.60	22.56		2
25	0	22.52	22.65	22.65	2		

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**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	24.58	24.60	24.53	0	0
	1	7	24.60	24.66	24.51		0
	1	14	24.46	24.59	24.33		0
	8	0	23.60	23.68	23.62	0-1	1
	8	4	23.57	23.66	23.57		1
	8	7	23.60	23.67	23.53		1
	15	0	23.60	23.66	23.60		1
16QAM	1	0	23.76	23.97	24.08	0-1	1
	1	7	23.80	24.08	23.98		1
	1	14	23.77	23.95	23.58		1
	8	0	22.72	22.70	22.61	0-2	2
	8	4	22.58	22.69	22.56		2
	8	7	22.63	22.63	22.53		2
	15	0	22.60	22.67	22.52		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	24.62	24.61	24.60	0	0
	1	2	24.58	24.60	24.51		0
	1	5	24.58	24.61	24.49		0
	3	0	24.60	24.67	24.50		0
	3	2	24.60	24.65	24.46		0
	3	3	24.59	24.65	24.44		0
	6	0	23.58	23.64	23.43	0-1	1
16QAM	1	0	23.97	24.09	23.52	0-1	1
	1	2	23.90	24.14	23.76		1
	1	5	23.96	24.10	23.55		1
	3	0	23.75	23.83	23.53		1
	3	2	23.68	23.81	23.55		1
	3	3	23.76	23.77	23.52		1
	6	0	22.73	22.74	22.60	0-2	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	25.05	25.22	25.00	0	0
	1	12	24.99	25.21	25.03		0
	1	24	25.07	25.23	24.86		0
	12	0	23.97	24.09	24.09	0-1	1
	12	6	23.95	24.10	24.07		1
	12	13	23.95	24.11	24.05		1
	25	0	23.98	24.13	24.08		1
16QAM	1	0	23.83	24.20	24.10	0-1	1
	1	12	23.76	23.96	23.98		1
	1	24	23.88	24.10	24.10		1
	12	0	22.57	22.58	22.62	0-2	2
	12	6	22.55	22.63	22.64		2
	12	13	22.48	22.65	22.66		2
	25	0	22.51	22.66	22.65		2

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**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	25.06	25.18	25.17	0	0
	1	7	25.11	25.26	25.18		0
	1	14	25.05	25.20	25.08		0
	8	0	24.18	24.29	24.15	0-1	1
	8	4	24.21	24.29	24.17		1
	8	7	24.21	24.28	24.14		1
16QAM	15	0	24.22	24.31	24.16	0-1	1
	1	0	24.13	23.86	24.15		1
	1	7	24.07	23.95	24.08		1
	1	14	24.02	23.85	23.85	0-2	1
	8	0	22.75	22.71	22.73		2
	8	4	22.74	22.81	22.68		2
	8	7	22.75	22.84	22.63		2
	15	0	22.68	22.76	22.69	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	25.24	25.19	25.23	0	0
	1	2	25.25	25.18	25.12		0
	1	5	25.27	25.20	25.11		0
	3	0	25.17	25.26	25.18		0
	3	2	25.17	25.29	25.14		0
	3	3	25.18	25.26	25.13		0
	6	0	24.17	24.27	24.12	0-1	1
16QAM	1	0	23.66	23.89	24.07	0-1	1
	1	2	23.79	24.03	23.92		1
	1	5	23.83	23.99	23.91		1
	3	0	23.80	23.85	23.78		1
	3	2	23.79	23.90	23.74		1
	3	3	23.73	23.90	23.68		1
	6	0	22.76	22.93	22.68	0-2	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	22.88	22.79	22.68	0	0	
	1	36	22.92	22.71	22.61		0	
	1	74	22.79	22.52	22.58		0	
	36	0	21.96	21.98	21.94	0-1	1	
	36	18	21.93	21.95	21.91		1	
	36	37	21.91	21.85	21.82		1	
	75	0	22.12	22.01	22.08	0-1	1	
	15	0	22.69	22.77	22.69		0	
	15	30	22.79	22.78	22.70		0	
	15	60	22.75	22.61	22.54	0-2	0	
	27	0	21.98	21.96	21.89		1	
	27	24	22.03	21.95	21.89		1	
27	48	21.88	21.81	21.76	0-2	1		
16QAM	1	0	22.15	22.10		22.35	0-2	1
	1	36	22.24	22.50		22.28		1
	1	74	22.20	22.28	22.16	1		
	15	0	22.03	22.06	21.90	0-3	1	
	15	30	21.50	21.98	21.92		1	
	15	60	21.65	21.81	21.75		1	
	27	0	21.10	21.13	21.03	0-5	2	
	27	24	21.17	21.17	21.06		2	
27	48	21.05	21.00	20.92	2			

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**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	22.99	22.93	22.90	0	0
	1	25	22.84	22.83	22.80		0
	1	49	22.82	22.77	22.75		0
	25	0	22.09	22.11	22.04	0-1	1
	25	12	22.06	22.06	21.98		1
	25	25	22.13	22.03	21.98		1
	50	0	22.16	22.09	22.07	0-1	1
	15	0	22.16	22.13	22.05		1
	15	17	22.16	22.08	21.98		1
	15	35	22.06	22.02	21.97	0-2	1
	27	0	22.12	22.10	22.02		1
	27	12	22.13	22.05	21.97		1
27	23	22.14	22.04	21.96	0-2	1	
1	0	22.10	22.10	22.12		0-2	1
1	25	22.08	22.02	22.06			1
1	49	22.30	22.07	22.16	1		
16QAM	25	0	21.09	21.02	20.93	0-3	2
	25	12	21.10	20.98	20.88		2
	25	25	21.12	20.93	20.88		2
	15	0	21.14	21.05	20.97	0-5	2
	15	17	21.14	21.02	20.88		2
	15	35	21.05	21.01	20.89		2
	27	0	21.08	21.00	20.92		2
	27	12	21.08	20.97	20.89		2
	27	23	21.09	20.95	20.90		2

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**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	22.70	22.80	22.57	0	0
	1	12	22.63	22.75	22.57		0
	1	24	22.68	22.73	22.52		0
	12	0	22.01	21.89	21.80	0-1	1
	12	6	21.98	21.85	21.80		1
	12	13	21.99	21.84	21.79		1
16QAM	25	0	21.99	21.94	21.81	0-1	1
	1	0	22.45	22.35	22.05		1
	1	12	22.19	22.29	22.09		1
	1	24	22.40	22.30	22.08	0-2	1
	12	0	21.30	21.20	21.04		2
	12	6	21.29	21.15	21.05		2
	12	13	21.27	21.13	21.05	2	
	25	0	21.25	21.12	21.02	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	22.67	22.59	22.57	0	0
	1	7	22.67	22.64	22.53		0
	1	14	22.57	22.57	22.50		0
	8	0	21.99	21.88	21.80	0-1	1
	8	4	22.04	21.91	21.85		1
	8	7	22.00	21.93	21.87		1
16QAM	15	0	22.07	21.93	21.87	0-1	1
	1	0	22.35	22.25	22.13		1
	1	7	22.29	22.29	22.11		1
	1	14	22.30	22.20	22.30	0-2	1
	8	0	21.41	21.19	21.11		2
	8	4	21.40	21.17	21.09		2
	8	7	21.40	21.19	21.12	2	
	15	0	21.41	21.13	21.03	2	

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**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	23.23	22.68	22.62	0	0
	1	2	23.10	22.66	22.57		0
	1	5	23.06	22.67	22.60		0
	3	0	22.97	22.72	22.63		0
	3	2	22.98	22.71	22.64		0
	3	3	22.92	22.69	22.62	0	
	6	0	22.17	21.98	21.82	0-1	1
16QAM	1	0	22.15	22.03	22.02	0-1	1
	1	2	22.14	21.92	22.06		1
	1	5	22.09	22.05	22.06		1
	3	0	22.09	21.95	21.78		1
	3	2	22.03	21.90	21.80		1
	3	3	21.98	21.93	21.75	1	
	6	0	21.24	21.05	20.96	0-2	2

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**LTE Band 25**

**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	23.31	23.11	23.14	0	0	
	1	36	23.41	23.23	23.27		0	
	1	74	23.38	23.23	23.22		0	
	36	0	22.32	22.25	22.32	0-1	1	
	36	18	22.40	22.33	22.38		1	
	36	37	22.39	22.34	22.40		1	
	75	0	22.49	22.45	22.62	0-1	1	
	15	0	23.30	23.20	23.26		0	
	15	30	23.34	23.35	23.37		0	
	15	60	23.28	23.32	23.32	0-2	0	
	27	0	22.29	22.19	22.29		1	
	27	24	22.39	22.35	22.37		1	
27	48	22.36	22.33	22.35	0-2	1		
16QAM	1	0	22.45	22.65		22.60	0-2	1
	1	36	22.46	22.76		22.76		1
	1	74	22.54	22.73	22.65	1		
	15	0	22.44	22.31	22.35	0-3	1	
	15	30	22.46	22.45	22.48		1	
	15	60	22.41	22.40	22.38		1	
	27	0	21.43	21.24	21.35	0-5	2	
	27	24	21.40	21.35	21.46		2	
	27	48	21.32	21.31	21.37		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	23.25	23.16	23.21	0	0
	1	25	23.22	23.19	23.23		0
	1	49	23.25	23.24	23.27		0
	25	0	22.43	22.30	22.37	0-1	1
	25	12	22.41	22.29	22.38		1
	25	25	22.41	22.30	22.40		1
	50	0	22.43	22.31	22.49	0-1	1
	15	0	22.36	22.23	22.35		1
	15	17	22.39	22.29	22.36		1
	15	35	22.40	22.31	22.36	0-2	1
27	0	22.40	22.29	22.35	1		
27	12	22.38	22.27	22.36	1		
16QAM	27	23	22.38	22.30	22.38	0-2	1
	1	0	22.61	22.69	22.76		1
	1	25	22.49	22.74	22.70		1
	1	49	22.57	22.82	22.83	0-3	1
	25	0	21.46	21.35	21.35		2
	25	12	21.43	21.35	21.34		2
	25	25	21.43	21.34	21.36	0-5	2
	15	0	21.40	21.31	21.33		2
	15	17	21.45	21.34	21.35		2
	15	35	21.43	21.36	21.39		2
	27	0	21.45	21.32	21.36		2
	27	12	21.39	21.29	21.33		2
27	23	21.42	21.31	21.36	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	23.18	23.32	23.37	0	0
	1	12	23.22	23.25	23.36		0
	1	24	23.22	23.29	23.38		0
	12	0	22.31	22.22	22.30	0-1	1
	12	6	22.35	22.21	22.29		1
	12	13	22.34	22.23	22.30		1
16QAM	25	0	22.39	22.23	22.32	0-1	1
	1	0	22.53	22.80	22.77		1
	1	12	22.57	22.59	22.67		1
	1	24	22.57	22.61	22.73	0-2	1
	12	0	21.36	21.25	21.28		2
	12	6	21.39	21.24	21.27		2
	12	13	21.38	21.32	21.30		2
	25	0	21.35	21.32	21.28		2

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**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	23.15	23.12	23.15	0	0
	1	7	23.20	23.19	23.23		0
	1	14	23.19	23.16	23.17		0
	8	0	22.30	22.24	22.33	0-1	1
	8	4	22.27	22.23	22.30		1
	8	7	22.33	22.24	22.31		1
	15	0	22.29	22.25	22.33	1	
16QAM	1	0	22.50	22.54	22.60	0-1	1
	1	7	22.55	22.58	22.70		1
	1	14	22.52	22.59	22.61		1
	8	0	21.38	21.26	21.29	0-2	2
	8	4	21.32	21.24	21.33		2
	8	7	21.40	21.26	21.34		2
	15	0	21.31	21.30	21.27	2	

**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	23.19	23.16	23.37	0	0
	1	2	23.18	23.14	23.37		0
	1	5	23.20	23.18	23.39		0
	3	0	23.29	23.22	23.31		0
	3	2	23.30	23.24	23.26		0
	3	3	23.28	23.22	23.25	0	
	6	0	22.30	22.23	22.27	0-1	1
16QAM	1	0	22.64	22.64	22.45	0-1	1
	1	2	22.55	22.61	22.42		1
	1	5	22.50	22.67	22.47		1
	3	0	22.49	22.36	22.46		1
	3	2	22.48	22.39	22.47		1
	3	3	22.50	22.36	22.40	1	
	6	0	21.41	21.28	21.32	0-2	2

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**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	23.53	22.65	23.15	0	0
	1	36	23.27	22.85	23.39		0
	1	74	23.01	22.93	23.46		0
	36	0	22.21	21.80	22.12	0-1	1
	36	18	22.08	21.93	22.32		1
	36	37	21.92	21.96	22.42		1
	75	0	22.13	21.98	22.49	0-1	1
	15	0	23.23	22.74	23.11		0
	15	30	23.06	22.97	23.33		0
	15	60	22.84	23.00	23.33	0-2	0
	27	0	22.21	21.78	22.09		1
	27	24	22.04	21.94	22.32		1
27	48	21.85	21.96	22.42	1		
16QAM	1	0	22.69	22.09	22.31	0-2	1
	1	36	22.54	22.31	22.43		1
	1	74	22.30	22.38	22.70		1
	15	0	22.31	21.78	22.16	0-3	1
	15	30	22.14	22.00	22.37		1
	15	60	21.93	22.05	22.43		1
	27	0	21.24	20.81	21.19	0-5	2
	27	24	21.05	21.00	21.34		2
27	48	20.93	21.01	21.42	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	23.35	22.73	23.16	0	0		
	1	25	23.11	22.86	23.30		0		
	1	49	23.01	22.95	23.38		0		
	QPSK	25	0	22.26	21.93	22.24	0-1	1	
		25	12	22.13	21.93	22.35		1	
		25	25	22.04	21.97	22.39		1	
		50	0	22.15	21.96	22.44	0-1	1	
		15	0	22.25	21.82	22.23		1	
		15	17	22.12	21.92	22.39		1	
	QPSK	15	35	22.01	21.98	22.40	0-2	1	
		27	0	22.20	21.89	22.29		1	
		27	12	22.12	21.91	22.34		1	
16QAM		27	23	22.05	21.95	22.32	0-2	1	
		1	0	22.70	22.16	22.51		0-2	1
		1	25	22.48	22.19	22.75			1
	16QAM	1	49	22.30	22.40	22.76	0-3		1
		25	0	21.32	20.87	21.25		2	
		25	12	21.20	20.92	21.34		2	
		16QAM	25	25	21.13	20.94	21.34	0-5	2
			15	0	21.29	20.80	21.23		2
			15	17	21.22	20.90	21.37		2
	16QAM		15	35	21.09	20.95	21.37	0-5	2
27			0	21.25	20.93	21.25	2		
27			12	21.12	20.87	21.34	2		
27			23	21.13	20.92	21.36	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	23.52	23.07	23.39	0	0	
	1	12	23.42	23.11	23.36		0	
	1	24	23.28	23.15	23.44		0	
	QPSK	12	0	22.41	22.01	22.48	0-1	1
		12	6	22.36	22.02	22.43		1
		12	13	22.33	22.10	22.46		1
16QAM	25	0	22.42	22.08	22.44	0-1	1	
	1	0	22.85	22.43	22.59		0-1	1
	1	12	22.74	22.47	22.57			1
	16QAM	1	24	22.69	22.42	22.73		0-2
		12	0	21.46	21.07	21.53	2	
		12	6	21.38	21.08	21.45	2	
		12	13	21.38	21.09	21.51	2	
		25	0	21.43	21.05	21.43	2	

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LTE Band 41

**Table F-25**  
**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	23.68	23.04	23.37	23.76	23.73	0	0		
	1	36	23.42	23.04	23.53	23.67	23.66		0		
	1	74	23.16	23.06	23.51	23.58	23.64		0		
	QPSK	36	0	22.31	21.94	22.33	22.62	22.57	0-1	1	
		36	18	22.26	22.00	22.35	22.56	22.58		1	
		36	37	22.08	21.94	22.36	22.53	22.59		1	
		QPSK	75	0	22.26	21.99	22.38	22.53	22.60	0-1	1
			15	0	23.48	22.97	23.36	23.63	23.60		0
			15	30	23.24	23.05	23.40	23.60	23.61	0	
			15	60	23.01	23.04	23.41	23.57	23.54	0	
			27	0	22.34	22.03	22.35	22.61	22.57	0-2	1
			27	24	22.18	22.02	22.36	22.55	22.57		1
27			48	22.02	22.01	22.37	22.53	22.58	1		
16QAM	1		0	22.66	22.18	22.45	22.80	22.78	0-2	1	
	1	36	22.38	22.22	22.49	22.77	22.73	1			
	1	74	22.18	22.18	22.55	22.71	22.72	1			
	16QAM	15	0	22.43	22.05	22.32	22.67	22.56	0-3	1	
		15	30	22.17	22.10	22.39	22.62	22.57		1	
		15	60	21.96	22.04	22.44	22.59	22.53	1		
		27	0	21.28	21.05	21.32	21.64	21.54	0-5	2	
		27	24	21.14	21.04	21.33	21.60	21.56		2	
27		48	21.00	20.95	21.35	21.59	21.58	2			

**Table F-26**  
**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	23.53	23.19	23.51	23.73	23.73	0	0		
	1	25	23.47	23.22	23.51	23.65	23.70		0		
	1	49	23.46	23.21	23.56	23.66	23.66		0		
	QPSK	25	0	22.36	22.06	22.37	22.63	22.53	0-1	1	
		25	12	22.32	22.06	22.36	22.55	22.54		1	
		25	25	22.24	22.07	22.38	22.56	22.57		1	
		QPSK	50	0	22.28	22.09	22.37	22.57	22.58	0-1	1
			15	0	22.41	22.10	22.37	22.65	22.61		1
			15	17	22.35	22.09	22.37	22.58	22.58	1	
			15	35	22.20	22.08	22.40	22.58	22.60	1	
			27	0	22.37	22.07	22.35	22.62	22.51	0-2	1
			27	12	22.29	22.05	22.34	22.55	22.54		1
27			23	22.26	22.06	22.35	22.55	22.56	1		
16QAM	1		0	22.56	22.32	22.44	22.74	22.85	0-2	1	
	1	25	22.42	22.26	22.45	22.72	22.76	1			
	1	49	22.27	22.18	22.46	22.78	22.79	1			
	16QAM	25	0	21.35	21.07	21.34	21.68	21.51	0-3	2	
		25	12	21.32	21.05	21.32	21.62	21.53		2	
		25	25	21.23	21.05	21.33	21.62	21.53	2		
		15	0	21.47	21.08	21.38	21.66	21.57	0-5	2	
		15	17	21.34	21.06	21.36	21.60	21.53		2	
		15	35	21.21	21.05	21.30	21.62	21.62		2	
		27	0	21.25	21.06	21.33	21.67	21.51		2	
27		12	21.22	21.02	21.34	21.61	21.53	2			
27	23	21.26	21.03	21.38	21.61	21.56	2				

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**Table F-27**  
**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	22.99	22.70	22.90	23.16	23.28	0	0
	1	12	22.99	22.74	22.91	23.13	23.22		0
	1	24	22.98	22.88	22.93	23.16	23.26		0
	12	0	21.99	21.68	21.86	22.08	22.27	0-1	1
	12	6	21.94	21.73	21.87	22.07	22.21		1
	12	13	21.96	21.74	21.90	22.07	22.22		1
16QAM	25	0	21.97	21.74	21.87	22.07	22.20	0-1	1
	1	0	22.65	22.31	22.35	22.58	22.82		1
	1	12	22.57	22.31	22.34	22.59	22.88		1
	1	24	22.55	22.29	22.31	22.69	22.87	0-2	2
	12	0	21.00	20.69	20.88	21.11	21.28		2
	12	6	20.98	20.82	20.89	21.14	21.26		2
	12	13	21.02	20.74	20.93	21.09	21.26		2
	25	0	21.03	20.77	20.88	21.11	21.22	2	

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