

APPENDIX F: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

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F.1 LTE Lower Bandwidth RF Conducted Powers

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	24.46	24.67	24.29	0	0
	1	12	24.47	24.60	24.27		0
	1	24	24.60	24.55	24.25		0
	12	0	23.42	23.46	23.39	0-1	1
	12	6	23.45	23.42	23.40		1
	12	13	23.43	23.39	23.42		1
	25	0	23.48	23.47	23.47		1
16QAM	1	0	23.69	23.84	23.62	0-1	1
	1	12	23.59	23.61	23.37		1
	1	24	23.71	23.67	23.64		1
	12	0	22.36	22.48	22.36	0-2	2
	12	6	22.38	22.44	22.40		2
	12	13	22.33	22.37	22.45		2
	25	0	22.42	22.38	22.40		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	24.30	24.50	24.34	0	0
	1	7	24.31	24.50	24.45		0
	1	14	24.30	24.33	24.38		0
	8	0	23.43	23.52	23.48	0-1	1
	8	4	23.43	23.48	23.47		1
	8	7	23.47	23.49	23.47		1
	15	0	23.44	23.53	23.50		1
16QAM	1	0	23.56	23.72	23.43	0-1	1
	1	7	23.42	23.62	23.67		1
	1	14	23.52	23.54	23.69		1
	8	0	22.52	22.63	22.52	0-2	2
	8	4	22.50	22.66	22.53		2
	8	7	22.53	22.56	22.56		2
	15	0	22.48	22.60	22.44		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	24.26	24.52	24.48	0	0
	1	2	24.26	24.44	24.46		0
	1	5	24.28	24.43	24.43		0
	3	0	24.41	24.50	24.46		0
	3	2	24.40	24.48	24.45		0
	3	3	24.38	24.51	24.43		0
	6	0	23.36	23.49	23.44	0-1	1
16QAM	1	0	23.49	23.72	23.77	0-1	1
	1	2	23.45	23.72	23.63		1
	1	5	23.46	23.57	23.54		1
	3	0	23.44	23.49	23.57		1
	3	2	23.40	23.71	23.52		1
	3	3	23.44	23.58	23.59	1	
	6	0	22.39	22.62	22.52	0-2	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	24.62	0	0
	1	12	24.42		0
	1	24	24.33		0
	12	0	23.29	0-1	1
	12	6	23.26		1
	12	13	23.27		1
	25	0	23.30		1
16QAM	1	0	23.58	0-1	1
	1	12	23.46		1
	1	24	23.44		1
	12	0	22.26	0-2	2
	12	6	22.29		2
	12	13	22.27		2
	25	0	22.41		2

Note: LTE Band 13 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDP Publication 941225 D05v02, 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.

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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	24.52	0	0
	1	12	24.56		0
	1	24	24.55		0
	12	0	23.63	0-1	1
	12	6	23.64		1
	12	13	23.64		1
	25	0	23.66		1
16QAM	1	0	23.52	0-1	1
	1	12	23.58		1
	1	24	23.68		1
	12	0	22.27	0-2	2
	12	6	22.31		2
	12	13	22.29		2
	25	0	22.32		2

Note: LTE Band 14 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDP Publication 941225 D05v02, 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.

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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	24.30	24.32	24.53	0	0
	1	12	24.36	24.35	24.51		0
	1	24	24.33	24.37	24.34		0
	12	0	23.26	23.33	23.43	0-1	1
	12	6	23.32	23.37	23.36		1
	12	13	23.31	23.39	23.33		1
	25	0	23.43	23.40	23.37		1
16QAM	1	0	23.83	23.88	23.88	0-1	1
	1	12	23.87	24.00	23.84		1
	1	24	23.80	23.91	23.56		1
	12	0	22.25	22.32	22.36	0-2	2
	12	6	22.27	22.36	22.33		2
	12	13	22.34	22.35	22.27		2
	25	0	22.29	22.32	22.28		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	24.25	24.27	24.36	0	0
	1	7	24.28	24.40	24.34		0
	1	14	24.29	24.37	24.06		0
	8	0	23.22	23.26	23.27	0-1	1
	8	4	23.18	23.30	23.21		1
	8	7	23.24	23.32	23.17		1
	15	0	23.29	23.33	23.31		1
16QAM	1	0	23.90	23.91	23.86	0-1	1
	1	7	23.72	24.09	23.84		1
	1	14	23.78	23.94	23.72		1
	8	0	22.30	22.37	22.33	0-2	2
	8	4	22.18	22.44	22.29		2
	8	7	22.34	22.42	22.22		2
	15	0	22.29	22.41	22.19		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	24.29	24.47	24.38	0	0
	1	2	24.28	24.45	24.35		0
	1	5	24.33	24.50	24.31		0
	3	0	24.19	24.38	24.22		0
	3	2	24.21	24.37	24.17		0
	3	3	24.23	24.38	24.16		0
	6	0	23.28	23.44	23.25	0-1	1
16QAM	1	0	23.35	23.47	23.61	0-1	1
	1	2	23.39	23.49	23.57		1
	1	5	23.41	23.51	23.53		1
	3	0	23.09	23.17	22.89		1
	3	2	23.12	23.14	22.93		1
	3	3	23.06	23.11	22.89		1
	6	0	22.16	22.18	22.04	0-2	2

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LTE Band 5

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	24.75	24.71	24.57	0	0
	1	12	24.65	24.71	24.42		0
	1	24	24.63	24.72	24.46		0
	12	0	23.64	23.73	23.62	0-1	1
	12	6	23.62	23.76	23.58		1
	12	13	23.61	23.81	23.55		1
	25	0	23.64	23.79	23.62		1
16QAM	1	0	23.82	23.80	23.69	0-1	1
	1	12	23.97	23.83	23.72		1
	1	24	23.73	23.90	23.61		1
	12	0	22.69	22.70	22.62	0-2	2
	12	6	22.66	22.71	22.62		2
	12	13	22.64	22.66	22.57		2
	25	0	22.82	22.89	22.71		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	24.64	24.57	24.46	0	0
	1	7	24.68	24.67	24.48		0
	1	14	24.61	24.65	24.49		0
	8	0	23.72	23.69	23.59	0-1	1
	8	4	23.71	23.75	23.52		1
	8	7	23.72	23.79	23.54		1
	15	0	23.74	23.80	23.57		1
16QAM	1	0	23.85	23.79	23.64	0-1	1
	1	7	23.98	23.90	23.69		1
	1	14	23.76	23.72	23.50		1
	8	0	22.75	22.75	22.60	0-2	2
	8	4	22.75	22.74	22.48		2
	8	7	22.78	22.76	22.49		2
	15	0	22.79	22.70	22.55		2

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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	24.67	24.65	24.60	0	0
	1	2	24.65	24.65	24.70		0
	1	5	24.67	24.70	24.73		0
	3	0	24.73	24.74	24.56		0
	3	2	24.73	24.73	24.62		0
	3	3	24.74	24.75	24.63		0
	6	0	23.72	23.78	23.62	0-1	1
16QAM	1	0	23.81	23.72	23.72	0-1	1
	1	2	23.93	23.84	23.91		1
	1	5	23.89	23.98	23.83		1
	3	0	23.98	23.91	23.68		1
	3	2	23.83	23.69	23.70		1
	3	3	23.88	23.93	23.71	1	
	6	0	22.79	22.76	22.71	0-2	2

F.1.6 LTE Band 66

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	23.24	23.28	23.08	0	0
	1	36	23.40	23.32	23.12		0
	1	74	23.32	23.15	23.01		0
	36	0	22.75	22.78	22.59	0-1	1
	36	18	22.77	22.60	22.57		1
	36	37	22.69	22.64	22.53		1
	75	0	22.89	22.84	22.78	1	
	15	0	23.15	23.23	23.14	0-1	0
	15	30	23.29	23.18	23.01		0
	15	60	23.26	23.01	22.92		0
	27	0	22.72	22.65	22.49	0-2	1
	27	24	22.78	22.60	22.51		1
27	48	22.61	22.47	22.46	1		
16QAM	1	0	22.43	22.31	22.37	0-2	1
	1	36	22.57	22.09	22.30		1
	1	74	22.56	21.97	22.24		1
	15	0	22.10	21.85	21.80	0-3	1
	15	30	22.16	21.89	21.84		1
	15	60	22.03	21.90	21.83		1
	27	0	21.42	21.23	21.13	0-5	2
	27	24	21.48	21.14	21.19		2
	27	48	21.35	21.05	21.09		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	23.31	22.80	22.84	0	0
	1	25	23.42	22.76	22.86		0
	1	49	23.49	22.80	22.91		0
	25	0	22.78	22.18	22.00	0-1	1
	25	12	22.81	22.16	21.98		1
	25	25	22.84	22.16	21.94		1
	50	0	22.81	22.19	22.13	0-1	1
	15	0	22.72	22.17	21.93		1
	15	17	22.82	22.17	21.98		1
	15	35	22.84	22.16	21.92	0-2	1
	27	0	22.75	22.16	21.99		1
	27	12	22.79	22.14	21.90		1
27	23	22.81	22.13	21.89		1	
16QAM	1	0	22.44	22.48	22.38	0-2	1
	1	25	22.50	22.41	22.38		1
	1	49	22.66	22.55	22.27		1
	25	0	21.42	21.49	21.47	0-3	2
	25	12	21.59	21.48	21.46		2
	25	25	21.64	21.47	21.43		2
	15	0	21.50	21.49	21.47	0-5	2
	15	17	21.62	21.52	21.47		2
	15	35	21.65	21.54	21.42		2
	27	0	21.57	21.48	21.44		2
	27	12	21.53	21.46	21.43		2
	27	23	21.56	21.46	21.41		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	23.29	23.06	23.12	0	0
	1	12	23.31	22.94	22.99		0
	1	24	23.30	22.96	23.04		0
	12	0	22.74	22.53	22.57	0-1	1
	12	6	22.71	22.50	22.49		1
	12	13	22.70	22.48	22.51		1
	25	0	22.72	22.53	22.48		1
16QAM	1	0	22.57	22.59	22.54	0-1	1
	1	12	22.84	22.72	22.61		1
	1	24	22.72	22.48	22.56		1
	12	0	21.56	21.37	21.42	0-2	2
	12	6	21.64	21.42	21.38		2
	12	13	21.68	21.43	21.40		2
	25	0	21.61	21.38	21.36		2

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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	23.13	23.09	23.03	0	0
	1	7	23.17	23.18	23.02		0
	1	14	23.20	22.99	22.98		0
	8	0	22.58	22.54	22.56	0-1	1
	8	4	22.64	22.57	22.52		1
	8	7	22.71	22.59	22.55		1
16QAM	15	0	22.70	22.61	22.56	0-1	1
	1	0	22.37	22.42	22.39		1
	1	7	22.41	22.39	22.42		1
	1	14	22.49	22.38	22.36	0-2	1
	8	0	21.08	21.01	20.89		2
	8	4	21.02	20.97	20.94		2
	8	7	21.09	21.00	21.01		2
	15	0	21.16	21.17	21.13		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	23.16	22.90	23.00	0	0
	1	2	23.14	22.88	22.97		0
	1	5	23.11	22.93	22.94		0
	3	0	22.99	23.08	23.10		0
	3	2	22.97	23.04	23.01		0
	3	3	22.93	22.94	22.89		0
	6	0	22.33	22.41	22.31	0-1	1
16QAM	1	0	22.48	22.52	22.57	0-1	1
	1	2	22.40	22.48	22.53		1
	1	5	22.38	22.42	22.51		1
	3	0	22.06	22.02	22.07		1
	3	2	22.08	22.04	22.05		1
	3	3	22.04	22.09	22.01		1
	6	0	21.36	21.29	21.33	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	23.29	23.31	23.19	0	0
	1	36	23.35	23.33	23.44		0
	1	74	23.27	23.25	23.29		0
	36	0	22.42	22.35	22.46	0-1	1
	36	18	22.48	22.37	22.53		1
	36	37	22.45	22.41	22.48		1
	75	0	22.50	22.48	22.78	0-1	1
	15	0	23.31	23.30	23.27		0
	15	30	23.46	23.39	23.39		0
	15	60	23.35	23.37	23.28	0-2	0
	27	0	22.34	22.36	22.35		1
	27	24	22.43	22.41	22.50		1
27	48	22.41	22.42	22.40		1	
16QAM	1	0	22.36	22.46	22.78	0-2	1
	1	36	22.97	22.94	22.95		1
	1	74	22.55	22.52	22.60		1
	15	0	22.26	22.21	22.42	0-3	1
	15	30	22.23	22.10	22.62		1
	15	60	22.29	22.25	22.39		1
	27	0	21.21	21.19	21.43	0-5	2
	27	24	21.26	21.18	21.51		2
	27	48	21.28	21.16	21.42		2

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	23.23	23.33	23.40	0	0
	1	25	23.28	23.31	23.35		0
	1	49	23.34	23.41	23.26		0
	25	0	22.27	22.21	22.28	0-1	1
	25	12	22.29	22.25	22.30		1
	25	25	22.32	22.31	22.25		1
	50	0	22.34	22.29	22.43	0-1	1
	15	0	22.20	22.24	22.29		1
	15	17	22.31	22.23	22.26		1
	15	35	22.33	22.27	22.18	0-2	1
	27	0	22.27	22.19	22.32		1
	27	12	22.29	22.22	22.31		1
27	23	22.32	22.26	22.28	1		
16QAM	1	0	22.78	22.84	22.83	0-2	1
	1	25	22.84	22.82	22.74		1
	1	49	22.87	22.92	22.85		1
	25	0	21.25	21.22	21.38	0-3	2
	25	12	21.33	21.19	21.37		2
	25	25	21.36	21.26	21.32		2
	15	0	21.25	21.29	21.38	0-5	2
	15	17	21.32	21.24	21.36		2
	15	35	21.36	21.28	21.30		2
	27	0	21.28	21.17	21.35		2
	27	12	21.31	21.20	21.32		2
	27	23	21.30	21.23	21.29		2

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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	23.24	23.10	23.27	0	0
	1	12	23.27	23.12	23.17		0
	1	24	23.31	23.18	23.20		0
	12	0	22.19	22.21	22.16	0-1	1
	12	6	22.26	22.20	22.25		1
	12	13	22.27	22.23	22.15		1
16QAM	25	0	22.24	22.22	22.25	0-1	1
	1	0	22.28	22.23	22.24		1
	1	12	22.23	22.21	22.21		1
	1	24	22.27	22.24	22.21	0-2	1
	12	0	20.77	20.72	20.71		2
	12	6	20.80	20.74	20.69		2
	12	13	20.86	20.76	20.75		2
	25	0	20.82	20.70	20.72		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	23.42	23.45	23.41	0	0
	1	7	23.41	23.48	23.49		0
	1	14	23.44	23.46	23.47		0
	8	0	22.43	22.42	22.45	0-1	1
	8	4	22.42	22.40	22.43		1
	8	7	22.49	22.43	22.41		1
	15	0	22.43	22.42	22.46		1
16QAM	1	0	22.52	22.53	22.51	0-1	1
	1	7	22.61	22.60	22.62		1
	1	14	22.53	22.51	22.58		1
	8	0	20.96	20.93	21.03	0-2	2
	8	4	20.95	21.02	21.01		2
	8	7	21.07	21.03	21.00		2
	15	0	20.94	20.99	20.95		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	23.42	23.37	23.08	0	0
	1	2	23.41	23.35	23.14		0
	1	5	23.44	23.42	23.01		0
	3	0	23.34	23.40	23.45		0
	3	2	23.35	23.39	22.82		0
	3	3	23.37	23.41	22.83		0
	6	0	22.36	22.40	22.43	0-1	1
16QAM	1	0	22.59	22.66	22.67	0-1	1
	1	2	22.54	22.52	22.48		1
	1	5	22.53	22.62	22.61		1
	3	0	22.19	22.20	22.14		1
	3	2	22.15	22.22	22.17		1
	3	3	22.17	22.19	22.18		1
	6	0	21.10	21.06	21.08	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	22.77	22.45	22.69	0	0
	1	36	22.74	22.48	22.67		0
	1	74	22.78	22.60	22.84		0
	36	0	21.73	21.42	21.64	0-1	1
	36	18	21.65	21.54	21.68		1
	36	37	21.67	21.66	21.79		1
	75	0	21.81	21.67	21.84	0-1	1
	15	0	22.62	22.42	22.57		0
	15	30	22.64	22.58	22.63		0
	15	60	22.66	22.64	22.78	0-2	0
	27	0	21.64	21.47	21.61		1
	27	24	21.65	21.61	21.65		1
	27	48	21.62	21.64	21.72	0-2	1
16QAM	1	0	21.77	21.63	21.83	0-2	1
	1	36	21.65	21.59	21.86		1
	1	74	21.83	21.82	22.09		1
	15	0	21.27	21.19	21.20	0-3	1
	15	30	21.22	21.26	21.22		1
	15	60	21.33	21.28	21.35		1
	27	0	20.26	20.14	20.12	0-5	2
	27	24	20.24	20.22	20.20		2
	27	48	20.23	20.29	20.27		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	22.82	22.62	22.58	0	0
	1	25	22.73	22.60	22.64		0
	1	49	22.75	22.74	22.80		0
	25	0	21.80	21.63	21.59	0-1	1
	25	12	21.79	21.59	21.72		1
	25	25	21.75	21.66	21.79		1
	50	0	21.85	21.70	21.82	0-1	1
	15	0	21.83	21.59	21.58		1
	15	17	21.74	21.60	21.73		1
	15	35	21.77	21.73	21.79	0-2	1
	27	0	21.75	21.61	21.66		1
	27	12	21.76	21.64	21.73		1
27	23	21.70	21.69	21.74		1	
16QAM	1	0	22.07	21.98	21.87	0-2	1
	1	25	22.09	21.88	21.82		1
	1	49	22.14	22.02	21.97		1
	25	0	20.58	20.40	20.37	0-3	2
	25	12	20.53	20.37	20.44		2
	25	25	20.49	20.42	20.50		2
	15	0	20.57	20.39	20.38	0-5	2
	15	17	20.52	20.41	20.47		2
	15	35	20.55	20.52	20.56		2
	27	0	20.27	20.34	20.38		2
	27	12	20.48	20.38	20.46		2
	27	23	20.44	20.39	20.53		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	22.59	22.53	22.57	0	0
	1	12	22.49	22.54	22.66		0
	1	24	22.56	22.58	22.81		0
	12	0	21.78	21.60	21.71	0-1	1
	12	6	21.75	21.54	21.76		1
	12	13	21.74	21.61	21.81		1
		25	0	21.81	21.67	21.75	
16QAM	1	0	22.23	21.98	22.05	0-1	1
	1	12	22.07	21.92	22.13		1
	1	24	22.09	21.96	22.23		1
	12	0	20.50	20.35	20.46	0-2	2
	12	6	20.48	20.37	20.51		2
	12	13	20.51	20.41	20.57		2
	25	0	20.52	20.38	20.50		2

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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	21.93	21.70	21.86	0	0
	1	36	21.88	21.73	21.88		0
	1	74	21.79	22.00	21.97		0
	36	0	20.83	20.65	20.85	0-1	1
	36	18	20.91	20.71	20.96		1
	36	37	20.85	20.81	20.99		1
	75	0	20.95	20.86	21.10	0-1	1
	15	0	21.90	21.75	22.00		0
	15	30	21.86	21.80	22.07		0
	15	60	21.83	21.89	22.12	0-2	0
	27	0	20.80	20.68	21.01		1
	27	24	20.77	20.73	21.05		1
27	48	20.79	20.81	21.08	1		
16QAM	1	0	21.69	21.26	21.46	0-2	1
	1	36	21.48	21.35	21.52		1
	1	74	21.59	21.48	21.58		1
	15	0	20.95	20.77	20.93	0-3	1
	15	30	20.88	20.83	21.08		1
	15	60	20.84	20.94	21.11		1
	27	0	19.85	19.76	20.02	0-5	2
	27	24	19.79	19.90	20.09		2
27	48	19.77	19.85	20.08	2		

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	21.92	21.76	22.08	0	0
	1	25	21.70	21.82	22.10		0
	1	49	21.72	21.90	22.33		0
	25	0	20.74	20.73	21.02	0-1	1
	25	12	20.66	20.79	21.06		1
	25	25	20.60	20.84	21.11		1
	50	0	20.71	20.88	21.15	0-1	1
	15	0	20.99	20.73	21.06		1
	15	17	20.87	20.77	21.03		1
	15	35	20.79	20.86	21.08	0-2	1
	27	0	20.90	20.76	21.04		1
	27	12	20.86	20.81	21.07		1
27	23	20.75	20.83	21.12	1		
16QAM	1	0	21.20	21.40	21.45	0-2	1
	1	25	21.06	21.49	21.50		1
	1	49	21.02	21.56	21.68		1
	25	0	19.71	19.80	19.99	0-3	2
	25	12	19.66	19.77	20.08		2
	25	25	19.64	19.89	19.80		2
	15	0	19.98	19.79	20.03	0-5	2
	15	17	19.87	19.83	20.07		2
	15	35	19.78	19.92	20.16		2
	27	0	19.94	19.78	20.02		2
	27	12	19.84	19.81	20.08		2
	27	23	19.76	19.82	20.11		2

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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	21.88	21.66	22.01	0	0
	1	12	21.78	21.65	22.03		0
	1	24	21.72	21.72	22.14		0
	12	0	20.75	20.66	21.00	0-1	1
	12	6	20.73	20.65	21.02		1
	12	13	20.67	20.66	21.06		1
	25	0	20.78	20.68	21.03		1
16QAM	1	0	21.21	21.08	21.39	0-1	1
	1	12	21.15	21.03	21.44		1
	1	24	21.24	21.44	21.53		1
	12	0	19.76	19.72	19.98	0-2	2
	12	6	19.76	19.69	20.03		2
	12	13	19.66	19.70	20.08		2
	25	0	19.73	19.66	20.02		2

F.1.9 LTE Band 41

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	23.02	23.05	23.01	22.71	23.08	0	0
	1	36	22.89	23.04	22.96	22.73	23.03		0
	1	74	22.90	23.01	22.98	22.77	22.98		0
	36	0	21.79	21.93	21.91	22.11	21.92		1
	36	18	21.79	21.92	21.91	22.08	21.89	0-1	1
	36	37	21.78	21.91	21.90	22.09	21.85		1
	75	0	21.89	21.92	21.92	21.90	21.97		1
	15	0	22.85	22.91	22.92	22.99	22.90		0
	15	30	22.77	22.92	22.90	22.89	22.90	0-1	0
	15	60	22.77	22.92	22.87	22.88	22.83		0
	27	0	21.85	21.91	21.92	22.03	21.89		1
	27	24	21.77	21.91	21.92	22.03	21.88		1
27	48	21.75	21.92	21.91	21.98	21.81	0-2	1	
1	0	21.74	21.94	22.01	21.97	21.94		1	
1	36	21.82	21.87	22.00	21.97	21.91		0-2	1
1	74	21.75	21.85	21.99	22.02	21.84			1
15	0	21.87	21.92	21.94	21.97	21.91	0-3		1
15	30	21.80	21.83	21.91	21.93	21.93			1
15	60	21.77	21.94	21.90	21.94	21.83		1	
27	0	20.79	20.93	20.89	20.99	20.87		0-5	2
27	24	20.70	20.92	20.87	20.96	20.86	2		
27	48	20.83	20.91	20.85	20.99	20.78	2		

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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	22.92	23.04	22.99	23.20	23.02	0	0	
	1	25	22.77	23.03	22.95	23.09	23.00		0	
	1	49	22.73	23.08	22.97	23.14	22.94		0	
	25	0	21.77	22.01	21.86	22.03	21.97	0-1	1	
	25	12	21.75	22.02	21.89	21.98	21.96		1	
	25	25	21.71	22.05	21.90	22.04	21.90		1	
	50	0	21.67	22.04	21.88	22.04	21.97	0-1	1	
	15	0	21.75	21.97	21.87	22.08	21.98		1	
	15	17	21.73	21.97	21.87	22.02	21.97		1	
	15	35	21.65	22.01	21.87	22.05	21.91	0-2	1	
	27	0	21.73	21.96	21.91	22.07	21.96		1	
	27	12	21.66	21.98	21.89	21.99	21.95		1	
	16QAM	27	23	21.67	22.01	21.90	22.03	21.87	0-2	1
		1	0	21.75	22.08	22.08	22.13	22.10		1
1		25	21.64	22.11	22.00	22.05	22.04	1		
1		49	21.55	22.12	22.04	22.09	22.02	0-3	1	
25		0	20.72	20.97	20.86	21.06	20.91		2	
25		12	20.75	20.98	20.85	20.99	20.90		2	
25		25	20.66	21.02	20.84	21.02	20.86	2		
15		0	20.70	21.02	20.85	21.01	20.96	0-5	2	
15		17	20.68	21.04	20.82	20.96	20.95		2	
15		35	20.62	21.05	20.84	20.99	20.88		2	
27		0	20.71	20.99	20.83	21.02	20.94		2	
27		12	20.64	21.00	20.80	20.94	20.90		2	
27		23	20.65	20.97	20.82	20.98	20.86		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	22.73	23.11	22.97	23.09	23.14	0	0
	1	12	22.64	23.11	22.96	23.01	23.08		0
	1	24	22.66	23.14	22.98	23.03	23.02		0
	12	0	21.71	22.00	21.85	22.12	21.94	0-1	1
	12	6	21.70	21.99	21.85	22.03	21.94		1
	12	13	21.66	22.01	21.85	22.04	21.89		1
16QAM	25	0	21.68	22.01	21.89	22.03	21.96	0-1	1
	1	0	21.91	22.01	21.96	22.20	22.07		1
	1	12	21.82	22.01	21.97	22.30	22.03		1
	1	24	21.88	22.02	21.90	22.34	21.94	0-2	1
	12	0	20.72	21.05	20.84	21.08	21.00		2
	12	6	20.72	20.99	20.88	21.02	21.10		2
	12	13	20.71	21.07	20.88	21.01	21.03		2
	25	0	20.68	21.02	20.92	20.99	21.03		2

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