

APPENDIX H: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

Note: Some bands do not support three non-overlapping channels. Per KDB 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.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 12

Table H-1
LTE Band 12 Maximum Conducted Powers- 5 MHz Bandwidth

LTE Band 12 Maximum Conducted Powers - 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	21.27	21.12	21.07	0	0
	1	12	21.35	21.24	21.15		0
	1	24	21.14	21.10	20.98		0
	12	0	21.11	21.09	21.08	0-1	0
	12	6	21.18	21.15	21.07		0
	12	13	21.13	21.08	21.07		0
	25	0	21.17	21.13	21.03		0
16QAM	1	0	21.46	21.43	21.45	0-1	0
	1	12	21.45	21.51	21.51		0
	1	24	21.36	21.38	21.32		0
	12	0	21.14	21.10	21.11	0-2	0
	12	6	21.17	21.22	21.13		0
	12	13	21.11	21.12	21.12		0
	25	0	21.16	21.12	21.05		0
64QAM	1	0	21.48	21.42	21.41	0-2	0
	1	12	21.50	21.47	21.47		0
	1	24	21.35	21.41	21.34		0
	12	0	20.71	20.60	20.60	0-3	0
	12	6	20.79	20.66	20.62		0
	12	13	20.69	20.58	20.59		0
	25	0	20.66	20.65	20.59		0

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Table H-2
LTE Band 12 Maximum 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	21.19	21.13	20.95	0	0
	1	7	21.20	21.14	21.05		0
	1	14	21.05	20.95	20.95		0
	8	0	21.17	21.09	21.07	0-1	0
	8	4	21.16	21.15	21.12		0
	8	7	21.12	21.09	21.07		0
	15	0	21.14	21.10	21.03		0
16QAM	1	0	21.43	21.38	21.28	0-1	0
	1	7	21.38	21.47	21.31		0
	1	14	21.31	21.31	21.14		0
	8	0	21.25	21.07	21.09	0-2	0
	8	4	21.25	21.18	21.17		0
	8	7	21.17	21.08	21.09		0
	15	0	21.17	21.09	21.04		0
64QAM	1	0	21.32	21.35	21.39	0-2	0
	1	7	21.32	21.41	21.47		0
	1	14	21.25	21.32	21.30		0
	8	0	20.69	20.65	20.71	0-3	0
	8	4	20.69	20.72	20.68		0
	8	7	20.62	20.64	20.73		0
	15	0	20.68	20.70	20.59		0

Table H-3
LTE Band 12 Maximum 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	21.26	21.22	21.27	0	0
	1	2	21.24	21.27	21.28		0
	1	5	21.14	21.19	21.21		0
	3	0	21.24	21.18	21.12		0
	3	2	21.18	21.14	21.14		0
	3	3	21.17	21.19	21.11		0
	6	0	21.15	21.11	21.07	0-1	0
16QAM	1	0	21.32	21.35	21.42	0-1	0
	1	2	21.42	21.42	21.32		0
	1	5	21.36	21.34	21.25		0
	3	0	21.35	21.27	21.25		0
	3	2	21.33	21.25	21.31		0
	3	3	21.22	21.24	21.20		0
	6	0	21.17	21.16	21.10	0-2	0
64QAM	1	0	21.43	21.26	21.44	0-2	0
	1	2	21.48	21.30	21.43		0
	1	5	21.34	21.21	21.27		0
	3	0	21.31	21.16	21.18		0
	3	2	21.24	21.21	21.23		0
	3	3	21.26	21.10	21.13		0
	6	0	20.63	20.55	20.65	0-3	0

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H.1.2 LTE Band 13

Table H-4
LTE Band 13 Maximum 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	21.11	0	0
	1	12	21.26		0
	1	24	21.08		0
	12	0	21.11	0-1	0
	12	6	21.24		0
	12	13	21.14		0
	25	0	21.21		0
16QAM	1	0	21.49	0-1	0
	1	12	21.59		0
	1	24	21.42		0
	12	0	21.19	0-2	0
	12	6	21.26		0
	12	13	21.21		0
	25	0	21.25		0
64QAM	1	0	21.53	0-2	0
	1	12	21.59		0
	1	24	21.43		0
	12	0	20.71	0-3	0
	12	6	20.79		0
	12	13	20.76		0
	25	0	20.81		0

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H.1.3 LTE Band 5

Table H-5
LTE Band 5 Maximum 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	21.36	21.26	21.24	0	0
	1	12	21.41	21.35	21.24		0
	1	24	21.25	21.32	21.13		0
	12	0	21.17	21.19	21.19	0-1	0
	12	6	21.19	21.19	21.19		0
	12	13	21.18	21.26	21.25		0
	25	0	21.17	21.16	21.19		0
16QAM	1	0	21.53	21.59	21.49	0-1	0
	1	12	21.47	21.52	21.62		0
	1	24	21.44	21.63	21.40		0
	12	0	21.28	21.25	21.26	0-2	0
	12	6	21.25	21.27	21.19		0
	12	13	21.22	21.30	21.27		0
	25	0	21.16	21.14	21.15		0
64QAM	1	0	21.52	21.60	21.45	0-2	0
	1	12	21.37	21.55	21.51		0
	1	24	21.39	21.56	21.39		0
	12	0	20.62	20.77	20.81	0-3	0
	12	6	20.60	20.74	20.79		0
	12	13	20.58	20.81	20.88		0
	25	0	20.67	20.70	20.73		0

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Table H-6
LTE Band 5 Maximum 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	21.03	21.15	21.23	0	0
	1	7	21.07	21.28	21.30		0
	1	14	21.04	21.23	21.18		0
	8	0	21.19	21.16	21.17	0-1	0
	8	4	21.17	21.20	21.27		0
	8	7	21.16	21.20	21.22		0
	15	0	21.18	21.16	21.14		0
16QAM	1	0	21.37	21.43	21.46	0-1	0
	1	7	21.36	21.51	21.55		0
	1	14	21.22	21.37	21.47		0
	8	0	21.22	21.22	21.25	0-2	0
	8	4	21.28	21.24	21.29		0
	8	7	21.19	21.24	21.26		0
	15	0	21.21	21.11	21.16		0
64QAM	1	0	21.57	21.42	21.39	0-2	0
	1	7	21.46	21.42	21.52		0
	1	14	21.39	21.27	21.55		0
	8	0	20.72	20.80	20.71	0-3	0
	8	4	20.72	20.81	20.82		0
	8	7	20.71	20.83	20.77		0
	15	0	20.71	20.73	20.67		0

Table H-7
LTE Band 5 Maximum 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	21.17	21.34	21.34	0	0
	1	2	21.21	21.39	21.32		0
	1	5	21.14	21.38	21.37		0
	3	0	21.16	21.17	21.20		0
	3	2	21.19	21.28	21.17		0
	3	3	21.17	21.29	21.19		0
	6	0	21.13	21.21	21.17		0-1
16QAM	1	0	21.38	21.47	21.49	0-1	0
	1	2	21.34	21.45	21.51		0
	1	5	21.32	21.50	21.45		0
	3	0	21.28	21.34	21.32		0
	3	2	21.34	21.46	21.33		0
	3	3	21.30	21.37	21.32		0
	6	0	21.21	21.21	21.23		0-2
64QAM	1	0	21.47	21.33	21.49	0-2	0
	1	2	21.49	21.46	21.50		0
	1	5	21.37	21.36	21.33		0
	3	0	21.24	21.35	21.34		0
	3	2	21.26	21.38	21.25		0
	3	3	21.24	21.27	21.30		0
	6	0	20.71	20.84	20.70		0-3

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H.1.4 LTE Band 66

Table H-8
LTE Band 66 (AWS) Maximum 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	17.62	17.67	17.49	0	0
	1	36	17.67	17.63	17.52		0
	1	74	17.60	17.62	17.42		0
	36	0	17.61	17.54	17.48	0-1	0
	36	18	17.62	17.51	17.59		0
	36	37	17.60	17.57	17.53		0
	75	0	17.57	17.50	17.50		0
16QAM	1	0	17.82	17.73	17.78	0-1	0
	1	36	17.98	17.80	17.85		0
	1	74	17.78	17.82	17.78		0
	36	0	17.66	17.54	17.56	0-2	0
	36	18	17.64	17.56	17.59		0
	36	37	17.63	17.61	17.55		0
	75	0	17.63	17.55	17.59		0
64QAM	1	0	17.83	17.87	17.72	0-2	0
	1	36	17.83	17.77	17.88		0
	1	74	17.93	17.79	17.71		0
	36	0	17.61	17.54	17.52	0-3	0
	36	18	17.69	17.59	17.62		0
	36	37	17.63	17.66	17.61		0
	75	0	17.62	17.54	17.61		0

Table H-9
LTE Band 66 (AWS) Maximum 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	17.66	17.80	17.83	0	0
	1	25	17.58	17.76	17.66		0
	1	49	17.67	17.69	17.64		0
	25	0	17.76	17.67	17.65	0-1	0
	25	12	17.75	17.69	17.62		0
	25	25	17.71	17.72	17.68		0
	50	0	17.74	17.67	17.60		0
16QAM	1	0	17.99	17.98	17.96	0-1	0
	1	25	17.83	17.94	17.94		0
	1	49	17.89	17.85	17.95		0
	25	0	17.77	17.72	17.67	0-2	0
	25	12	17.79	17.72	17.68		0
	25	25	17.74	17.74	17.71		0
	50	0	17.71	17.67	17.65		0
64QAM	1	0	18.03	17.87	17.93	0-2	0
	1	25	18.05	17.86	17.90		0
	1	49	17.96	17.87	17.84		0
	25	0	17.82	17.74	17.69	0-3	0
	25	12	17.79	17.76	17.68		0
	25	25	17.73	17.77	17.66		0
	50	0	17.79	17.69	17.62		0

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Table H-10
LTE Band 66 (AWS) Maximum 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	17.84	17.75	17.70	0	0
	1	12	18.03	17.89	17.68		0
	1	24	17.85	17.79	17.56		0
	12	0	17.72	17.66	17.68	0-1	0
	12	6	17.76	17.74	17.67		0
	12	13	17.71	17.71	17.65		0
	25	0	17.72	17.63	17.65		0
16QAM	1	0	18.03	18.03	17.96	0-1	0
	1	12	18.13	18.10	18.19		0
	1	24	18.02	18.12	17.96		0
	12	0	17.76	17.75	17.71	0-2	0
	12	6	17.79	17.81	17.76		0
	12	13	17.79	17.78	17.72		0
	25	0	17.77	17.66	17.69		0
64QAM	1	0	18.15	18.26	17.99	0-2	0
	1	12	17.93	18.32	18.01		0
	1	24	17.97	18.22	17.91		0
	12	0	17.75	17.76	17.68	0-3	0
	12	6	17.77	17.80	17.73		0
	12	13	17.72	17.78	17.66		0
	25	0	17.77	17.69	17.70		0

Table H-11
LTE Band 66 (AWS) Maximum 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	17.57	17.73	17.52	0	0
	1	7	17.62	17.72	17.63		0
	1	14	17.62	17.67	17.52		0
	8	0	17.73	17.71	17.61	0-1	0
	8	4	17.72	17.73	17.65		0
	8	7	17.69	17.70	17.63		0
16QAM	15	0	17.69	17.70	17.62	0-1	0
	1	0	17.91	17.90	17.91		0
	1	7	17.95	17.98	17.99		0
	1	14	17.81	17.96	17.86	0-2	0
	8	0	17.76	17.78	17.73		0
	8	4	17.79	17.85	17.77		0
64QAM	8	7	17.78	17.81	17.68	0-2	0
	15	0	17.76	17.75	17.68		0
	1	0	18.01	17.89	17.99		0-2
	1	7	18.08	18.12	18.02	0	
	1	14	18.04	17.93	17.94	0	
	8	0	17.75	17.77	17.73	0-3	0
8	4	17.78	17.86	17.69	0		
8	7	17.77	17.79	17.72	0		
	15	0	17.78	17.75	17.67		0

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Table H-12
LTE Band 66 (AWS) Maximum 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	17.84	17.92	17.58	0	0
	1	2	17.83	17.87	17.68		0
	1	5	17.82	17.83	17.68		0
	3	0	17.72	17.77	17.61		0
	3	2	17.76	17.74	17.66		0
	3	3	17.77	17.71	17.63		0
	6	0	17.70	17.72	17.58	0-1	0
16QAM	1	0	17.96	18.00	17.85	0-1	0
	1	2	18.00	17.94	17.90		0
	1	5	17.93	17.92	17.93		0
	3	0	17.85	17.90	17.75		0
	3	2	17.87	17.96	17.72		0
	3	3	17.84	17.89	17.82		0
	6	0	17.80	17.81	17.73	0-2	0
64QAM	1	0	18.06	17.97	17.87	0-2	0
	1	2	18.05	17.99	17.92		0
	1	5	17.87	17.85	17.96		0
	3	0	17.87	17.81	17.83		0
	3	2	17.79	17.87	17.83		0
	3	3	17.85	17.87	17.82		0
	6	0	17.58	17.97	17.72	0-3	0

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H.1.5 LTE Band 25

Table H-13
LTE Band 25 (PCS) Maximum 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	18.76	18.60	18.38	0	0
	1	36	18.71	18.71	18.35		0
	1	74	18.68	18.55	18.23		0
	36	0	18.69	18.62	18.52	0-1	0
	36	18	18.68	18.62	18.54		0
	36	37	18.65	18.58	18.48		0
	75	0	18.63	18.58	18.46		0
16QAM	1	0	18.91	18.73	18.68	0-1	0
	1	36	18.95	18.86	18.64		0
	1	74	18.89	18.72	18.53		0
	36	0	18.73	18.64	18.51	0-2	0
	36	18	18.71	18.61	18.53		0
	36	37	18.71	18.63	18.50		0
	75	0	18.69	18.62	18.50		0
64QAM	1	0	18.94	18.78	18.74	0-2	0
	1	36	18.89	18.83	18.73		0
	1	74	18.93	18.67	18.52		0
	36	0	18.72	18.64	18.52	0-3	0
	36	18	18.70	18.65	18.53		0
	36	37	18.70	18.61	18.49		0
	75	0	18.70	18.63	18.50		0

Table H-14
LTE Band 25 (PCS) Maximum 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	18.67	18.81	18.56	0	0
	1	25	18.71	18.78	18.51		0
	1	49	18.68	18.72	18.51		0
	25	0	18.81	18.73	18.60	0-1	0
	25	12	18.84	18.73	18.62		0
	25	25	18.78	18.69	18.57		0
	50	0	18.81	18.69	18.64		0
16QAM	1	0	19.08	19.07	18.84	0-1	0
	1	25	18.86	19.01	18.88		0
	1	49	19.03	18.89	18.80		0
	25	0	18.83	18.75	18.64	0-2	0
	25	12	18.86	18.78	18.62		0
	25	25	18.78	18.72	18.62		0
	50	0	18.84	18.73	18.64		0
64QAM	1	0	19.07	18.89	18.79	0-2	0
	1	25	19.03	18.92	18.76		0
	1	49	19.03	18.86	18.72		0
	25	0	18.83	18.71	18.61	0-3	0
	25	12	18.81	18.77	18.59		0
	25	25	18.79	18.72	18.57		0
	50	0	18.81	18.66	18.63		0

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Table H-15
LTE Band 25 (PCS) Maximum 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	18.93	18.81	18.51	0	0
	1	12	18.95	18.95	18.60		0
	1	24	18.87	18.83	18.44		0
	12	0	18.81	18.73	18.59	0-1	0
	12	6	18.83	18.73	18.58		0
	12	13	18.80	18.81	18.57		0
	25	0	18.81	18.73	18.58		0
16QAM	1	0	19.10	19.12	18.93	0-1	0
	1	12	19.08	19.11	19.02		0
	1	24	19.12	19.08	18.74		0
	12	0	18.93	18.79	18.68	0-2	0
	12	6	18.91	18.77	18.66		0
	12	13	18.88	18.88	18.63		0
	25	0	18.85	18.69	18.60		0
64QAM	1	0	19.11	19.06	18.79	0-2	0
	1	12	19.09	19.08	18.84		0
	1	24	19.06	19.11	18.77		0
	12	0	18.95	18.71	18.65	0-3	0
	12	6	18.92	18.75	18.65		0
	12	13	18.90	18.81	18.58		0
	25	0	18.83	18.74	18.61		0

Table H-16
LTE Band 25 (PCS) Maximum 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	18.65	18.80	18.56	0	0
	1	7	18.79	18.84	18.57		0
	1	14	18.74	18.73	18.45		0
	8	0	18.77	18.67	18.54	0-1	0
	8	4	18.81	18.78	18.56		0
	8	7	18.79	18.77	18.51		0
	15	0	18.79	18.71	18.52		0
16QAM	1	0	18.90	19.01	18.83	0-1	0
	1	7	19.05	19.04	18.87		0
	1	14	18.92	19.00	18.77		0
	8	0	18.84	18.81	18.69	0-2	0
	8	4	18.91	18.87	18.65		0
	8	7	18.80	18.83	18.66		0
	15	0	18.80	18.69	18.62		0
64QAM	1	0	18.99	18.79	18.77	0-2	0
	1	7	19.06	18.96	18.71		0
	1	14	19.07	19.00	18.87		0
	8	0	18.83	18.69	18.64	0-3	0
	8	4	18.87	18.84	18.58		0
	8	7	18.80	18.77	18.53		0
	15	0	18.84	18.68	18.57		0

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Table H-17
LTE Band 25 (PCS) Maximum 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	18.76	18.87	18.70	0	0
	1	2	18.95	18.86	18.67		0
	1	5	18.84	18.87	18.64		0
	3	0	18.85	18.83	18.55		0
	3	2	18.86	18.82	18.53		0
	3	3	18.83	18.85	18.53		0
	6	0	18.75	18.71	18.48	0-1	0
16QAM	1	0	19.02	18.91	18.73	0-1	0
	1	2	18.99	19.07	18.80		0
	1	5	19.04	19.01	18.68		0
	3	0	18.91	18.94	18.74		0
	3	2	19.01	18.98	18.74		0
	3	3	18.91	18.91	18.71		0
	6	0	18.81	18.79	18.66	0-2	0
64QAM	1	0	19.09	18.90	18.73	0-2	0
	1	2	19.05	19.04	18.87		0
	1	5	19.11	18.92	18.83		0
	3	0	18.93	18.94	18.66		0
	3	2	18.98	18.93	18.70		0
	3	3	18.89	18.90	18.65		0
	6	0	18.88	18.92	18.62	0-3	0

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H.1.6 LTE Band 41

Table H-18
LTE Band 41 Maximum 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	18.66	18.67	18.61	18.59	18.37	0	0
	1	36	18.61	18.73	18.67	18.73	18.77		0
	1	74	18.60	18.73	18.72	18.44	18.69		0
	36	0	18.72	18.74	18.77	18.70	18.52	0-1	0
	36	18	18.73	18.72	18.82	18.73	18.70		0
	36	37	18.69	18.73	18.89	18.66	18.72		0
	75	0	18.70	18.69	18.80	18.65	18.63		0
16QAM	1	0	18.66	18.74	18.76	18.49	18.47	0-1	0
	1	36	18.61	18.66	18.75	18.59	18.77		0
	1	74	18.56	18.71	18.68	18.25	18.70		0
	36	0	18.70	18.75	18.77	18.74	18.58	0-2	0
	36	18	18.70	18.73	18.83	18.77	18.77		0
	36	37	18.68	18.72	18.82	18.70	18.73		0
	75	0	18.67	18.70	18.88	18.71	18.69		0
64QAM	1	0	18.67	18.61	18.84	18.66	18.35	0-2	0
	1	36	18.74	18.61	18.86	18.71	18.69		0
	1	74	18.68	18.61	18.90	18.61	18.62		0
	36	0	18.72	18.74	18.82	18.72	18.52	0-3	0
	36	18	18.70	18.71	18.88	18.71	18.71		0
	36	37	18.67	18.71	18.81	18.70	18.73		0
	75	0	18.69	18.73	18.80	18.72	18.67		0

Table H-19
LTE Band 41 Maximum 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	18.78	18.75	18.92	18.57	18.48	0	0
	1	25	18.77	18.74	18.95	18.88	18.77		0
	1	49	18.70	18.64	18.84	18.56	18.48		0
	25	0	18.79	18.84	18.89	18.82	18.74	0-1	0
	25	12	18.82	18.87	18.99	18.92	18.91		0
	25	25	18.78	18.86	18.99	18.83	18.80		0
16QAM	50	0	18.79	18.85	19.01	18.83	18.82	0	
	1	0	18.80	18.74	18.79	18.61	18.52	0-1	0
	1	25	18.81	18.79	18.88	18.82	18.80		0
	1	49	18.76	18.67	18.83	18.58	18.43		0
	25	0	18.82	18.85	18.92	18.85	18.73	0-2	0
	25	12	18.82	18.87	19.04	18.94	18.90		0
25	25	18.78	18.88	19.04	18.82	18.76	0		
64QAM	50	0	18.76	18.85	19.00	18.82	18.80	0	
	1	0	18.88	18.88	19.07	18.52	18.50	0-2	0
	1	25	18.72	18.85	19.02	18.86	18.79		0
	1	49	18.68	18.74	18.95	18.48	18.51		0
	25	0	18.83	18.85	18.93	18.84	18.74	0-3	0
	25	12	18.83	18.85	19.03	18.93	18.91		0
25	25	18.80	18.90	19.01	18.85	18.80	0		
	50	0	18.82	18.85	18.98	18.84	18.81	0	

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Table H-20
LTE Band 41 Maximum 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	18.79	18.70	18.79	18.84	18.70	0	0
	1	12	18.80	18.76	18.90	18.90	18.79		0
	1	24	18.73	18.73	18.88	18.77	18.69		0
	12	0	18.83	18.86	18.99	18.92	18.79	0-1	0
	12	6	18.81	18.88	19.01	18.96	18.91		0
	12	13	18.79	18.85	18.99	18.92	18.88		0
	25	0	18.81	18.86	18.99	18.94	18.88		0
16QAM	1	0	18.83	18.69	18.84	18.85	18.67	0-1	0
	1	12	18.94	18.79	18.99	18.90	18.90		0
	1	24	18.80	18.80	18.91	18.72	18.69		0
	12	0	18.85	18.84	19.05	18.94	18.81	0-2	0
	12	6	18.92	18.86	19.06	18.99	18.90		0
	12	13	18.80	18.83	19.01	18.94	18.87		0
	25	0	18.82	18.85	19.05	18.93	18.89		0
64QAM	1	0	18.79	18.90	18.99	18.81	18.93	0-2	0
	1	12	18.81	18.96	19.06	18.94	19.02		0
	1	24	18.76	18.96	19.05	18.73	18.96		0
	12	0	18.81	18.83	19.02	18.95	18.78	0-3	0
	12	6	18.86	18.89	19.06	19.00	18.89		0
	12	13	18.89	18.85	19.02	18.96	18.85		0
	25	0	18.81	18.85	19.01	18.92	18.91		0

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