

APPENDIX H: LTE AND NR 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 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.86	23.94	23.96	0	0
	1	12	23.96	24.03	23.88		0
	1	24	23.86	24.01	23.85		0
	12	0	22.87	22.95	22.95	0-1	1
	12	6	22.91	22.93	22.92		1
	12	13	22.89	22.97	22.94		1
	25	0	22.95	22.95	22.98		1
16QAM	1	0	22.95	23.10	23.32	0-1	1
	1	12	22.87	23.17	23.27		1
	1	24	22.80	23.24	23.17		1
	12	0	21.83	21.93	22.01	0-2	2
	12	6	21.94	21.95	22.03		2
	12	13	21.81	21.92	21.89		2
	25	0	21.91	21.88	21.96		2
64QAM	1	0	22.08	22.10	22.13	0-2	2
	1	12	21.93	21.95	22.05		2
	1	24	21.92	22.02	22.09		2
	12	0	20.86	20.91	20.94	0-3	3
	12	6	20.91	21.00	20.91		3
	12	13	20.86	20.81	20.92		3
	25	0	20.91	20.83	21.01		3
256QAM	1	0	18.93	18.85	18.99	0-5	5
	1	12	18.92	18.84	18.85		5
	1	24	18.87	18.75	18.90		5
	12	0	18.80	18.89	18.90		5
	12	6	18.91	18.86	18.89		5
	12	13	18.79	18.93	18.88		5
	25	0	18.88	18.89	19.03		5





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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	23.90	23.90	23.90	0	0
	1	7	24.02	23.82	23.86		0
	1	14	24.00	23.88	23.92		0
	8	0	22.88	22.91	22.98	0-1	1
	8	4	22.91	22.87	22.93		1
	8	7	22.89	22.95	22.92		1
	15	0	22.91	22.87	22.84		1
16QAM	1	0	23.20	23.11	23.23	0-1	1
	1	7	23.18	23.19	23.29		1
	1	14	23.04	23.09	23.00		1
	8	0	21.91	21.93	21.91	0-2	2
	8	4	22.01	22.00	21.85		2
	8	7	21.95	22.02	21.82		2
	15	0	21.90	21.90	21.84		2
64QAM	1	0	22.02	22.04	22.14	0-2	2
	1	7	22.00	22.02	22.03		2
	1	14	21.98	22.00	22.01		2
	8	0	20.90	20.87	20.85	0-3	3
	8	4	20.84	20.91	20.91		3
	8	7	20.86	20.88	20.89		3
	15	0	20.84	20.86	20.76		3
256QAM	1	0	18.78	18.71	19.00	0-5	5
	1	7	18.80	19.00	18.96		5
	1	14	18.90	18.90	18.88		5
	8	0	19.00	18.83	18.83		5
	8	4	18.86	18.79	18.91		5
	8	7	18.93	19.06	19.12		5
	15	0	18.84	18.81	18.97		5

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	24.04	23.93	24.08	0	0
	1	2	23.96	24.00	24.07		0
	1	5	23.95	24.02	23.96		0
	3	0	23.95	24.01	24.02	0-1	0
	3	2	23.92	23.95	23.98		0
	3	3	24.00	24.02	24.00		0
	6	0	22.85	22.90	23.03		1
16QAM	1	0	23.14	23.26	23.20	0-1	1
	1	2	23.18	23.33	23.32		1
	1	5	23.10	23.10	23.40		1
	3	0	23.12	23.10	23.08	0-2	1
	3	2	23.05	23.10	23.13		1
	3	3	23.00	23.04	23.10		1
	6	0	21.93	21.99	22.04		2
64QAM	1	0	22.10	22.02	22.18	0-2	2
	1	2	22.14	22.13	22.22		2
	1	5	22.08	21.87	22.15		2
	3	0	22.03	21.98	22.11	0-3	2
	3	2	22.03	22.01	22.05		2
	3	3	22.00	22.00	22.01		2
	6	0	20.95	20.90	21.00		3
256QAM	1	0	18.90	18.93	19.01	0-5	5
	1	2	18.95	18.95	19.18		5
	1	5	18.99	18.94	19.00		5
	3	0	18.93	18.90	18.99		5
	3	2	19.00	19.00	18.95		5
	3	3	19.06	19.03	18.93		5
	6	0	18.86	18.84	19.00		5

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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	24.27	0	0	
	1	12	24.30		0	
	1	24	24.20		0	
	12	0	23.20	0-1	1	
	12	6	23.25		1	
	12	13	23.26		1	
16QAM	25	0	23.21	0-1	1	
	1	0	23.54		1	
	1	12	23.57		1	
	1	24	23.50	0-2	1	
	12	0	22.24		2	
	12	6	22.28		2	
64QAM	12	13	22.30	0-2	2	
	25	0	22.23		2	
	1	0	22.43		2	
	1	12	22.34	0-2	2	
	1	24	22.26		2	
	12	0	21.21		0-3	3
12	6	21.28	3			
12	13	21.28	3			
256QAM	25	0	21.22	0-3	3	
	1	0	19.23		0-5	5
	1	12	19.37			5
	1	24	19.25	5		
	12	0	19.17	5		
	12	6	19.22	5		
256QAM	12	13	19.27	0-5	5	
	25	0	19.21		5	

H.1.3 LTE Band 26

Table H-5
LTE Band 26 (Cell) Maximum Conducted Powers - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26740 (819.0 MHz) Conducted Power [dBm]	26865 (831.5 MHz)	26990 (844.0 MHz)			
QPSK	1	0	24.57	24.22	24.48	0	0	
	1	25	24.50	24.36	24.45		0	
	1	49	24.35	24.31	24.42		0	
	25	0	23.45	23.15	23.22	0-1	1	
	25	12	23.54	23.38	23.35		1	
	25	25	23.45	23.30	23.37		1	
16QAM	50	0	23.48	23.26	23.27	0-1	1	
	1	0	23.79	23.55	23.68		1	
	1	25	23.73	23.53	23.70		1	
	1	49	23.71	23.47	23.60	0-2	1	
	25	0	22.47	22.17	22.22		2	
	25	12	22.55	22.40	22.37		2	
64QAM	25	25	22.49	22.30	22.39	0-2	2	
	50	0	22.47	22.26	22.28		2	
	1	0	22.67	22.50	22.53		2	
	1	25	22.63	22.55	22.59	0-2	2	
	1	49	22.55	22.44	22.66		2	
	25	0	21.43	21.22	21.20		0-3	3
25	12	21.56	21.40	21.33	3			
25	25	21.44	21.30	21.33	3			
256QAM	50	0	21.47	21.26	21.23	0-3	3	
	1	0	19.42	19.14	19.04		0-5	5
	1	25	19.78	19.58	19.52			5
	1	49	19.44	19.28	19.20	5		
	25	0	19.42	19.15	19.19	0-5	5	
	25	12	19.53	19.33	19.33		5	
25	25	19.43	19.29	19.32	5			
256QAM	50	0	19.42	19.26	19.19	0-5	5	



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Table H-6
LTE Band 26 (Cell) Maximum Conducted Powers - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.52	24.35	24.53	0	0
	1	12	24.51	24.48	24.60		0
	1	24	24.50	24.38	24.51		0
	12	0	23.44	23.24	23.31	0-1	1
	12	6	23.61	23.40	23.39		1
	12	13	23.54	23.37	23.38		1
	25	0	23.55	23.33	23.30		1
16QAM	1	0	23.75	23.67	23.64	0-1	1
	1	12	23.90	23.77	23.70		1
	1	24	23.74	23.75	23.55		1
	12	0	22.52	22.30	22.34	0-2	2
	12	6	22.66	22.44	22.44		2
	12	13	22.58	22.40	22.43		2
	25	0	22.58	22.39	22.30		2
64QAM	1	0	22.64	22.42	22.54	0-2	2
	1	12	22.80	22.52	22.49		2
	1	24	22.67	22.58	22.37		2
	12	0	21.50	21.30	21.34	0-3	3
	12	6	21.64	21.42	21.41		3
	12	13	21.57	21.43	21.43		3
	25	0	21.55	21.35	21.30		3
256QAM	1	0	19.51	19.25	19.20	0-5	5
	1	12	19.77	19.53	19.53		5
	1	24	19.53	19.45	19.44		5
	12	0	19.40	19.25	19.32		5
	12	6	19.57	19.42	19.35		5
	12	13	19.55	19.34	19.40		5
	25	0	19.54	19.33	19.27		5

Table H-7
LTE Band 26 (Cell) Maximum Conducted Powers - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.47	24.30	24.15	0	0
	1	7	24.56	24.23	24.21		0
	1	14	24.58	24.09	24.16		0
	8	0	23.60	23.24	23.07	0-1	1
	8	4	23.58	23.28	23.22		1
	8	7	23.57	23.25	23.16		1
	15	0	23.59	23.23	23.12		1
16QAM	1	0	23.73	23.51	23.32	0-1	1
	1	7	23.87	23.60	23.50		1
	1	14	23.85	23.57	23.45		1
	8	0	22.63	22.29	22.17	0-2	2
	8	4	22.66	22.34	22.24		2
	8	7	22.63	22.33	22.23		2
	15	0	22.56	22.24	22.17		2
64QAM	1	0	22.70	22.37	22.33	0-2	2
	1	7	22.73	22.41	22.41		2
	1	14	22.75	22.43	22.22		2
	8	0	21.61	21.24	21.09	0-3	3
	8	4	21.71	21.34	21.22		3
	8	7	21.63	21.28	21.16		3
	15	0	21.55	21.21	21.21		3
256QAM	1	0	19.56	19.27	19.22	0-5	5
	1	7	19.74	19.38	19.20		5
	1	14	19.56	19.09	19.26		5
	8	0	19.52	19.23	19.10		5
	8	4	19.55	19.26	19.24		5
	8	7	19.56	19.25	19.15		5
	15	0	19.57	19.25	19.14		5



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Table H-8
LTE Band 26 (Cell) Maximum Conducted Powers - 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.61	24.27	24.18	0	0
	1	2	24.60	24.17	24.13		0
	1	5	24.36	24.23	24.09		0
	3	0	24.65	24.20	24.16		0
	3	2	24.53	24.32	24.15		0
	3	3	24.50	24.25	24.20		0
16QAM	6	0	23.59	23.17	23.16	0-1	1
	1	0	23.89	23.51	23.46	0-1	1
	1	2	23.70	23.75	23.55		1
	1	5	23.56	23.45	23.60		1
	3	0	23.74	23.50	23.59		1
	3	2	23.71	23.30	23.78		1
3	3	23.76	23.35	23.69	1		
64QAM	6	0	22.69	22.37	22.20	0-2	2
	1	0	22.73	22.49	22.38	0-2	2
	1	2	22.80	22.45	22.41		2
	1	5	22.75	22.49	22.50		2
	3	0	22.71	22.32	22.25		2
	3	2	22.60	22.37	22.27		2
3	3	22.65	22.33	22.16	2		
256QAM	6	0	21.64	21.26	21.21	0-3	3
	1	0	19.62	19.33	19.03	0-5	5
	1	2	19.52	19.21	19.15		5
	1	5	19.55	19.25	19.13		5
	3	0	19.66	19.23	19.19		5
	3	2	19.61	19.30	19.17		5
3	3	19.60	19.27	19.13	5		
	6	0	19.54	19.23	19.15		5

H.1.4 LTE Band 66 Antenna A

Table H-9
LTE Band 66 (AWS) Antenna A 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	22.35	22.45	22.47	0	0	
	1	36	22.62	22.60	22.37		0	
	1	74	22.39	22.48	22.31		0	
	36	0	21.54	21.47	21.32		0-1	1
	36	18	21.60	21.50	21.36			1
	36	37	21.42	21.42	21.20			1
75	0	21.54	21.38	21.32	1			
16QAM	1	0	21.47	21.54	21.69	0-1	1	
	1	36	21.80	21.82	21.78		1	
	1	74	21.54	21.50	21.51		1	
	36	0	20.55	20.47	20.32		0-2	2
	36	18	20.64	20.45	20.37			2
	36	37	20.42	20.41	20.23			2
75	0	20.55	20.39	20.30	2			
64QAM	1	0	20.51	20.47	20.59	0-2	2	
	1	36	20.85	20.95	20.56		2	
	1	74	20.54	20.52	20.48		2	
	36	0	19.53	19.49	19.35		0-3	3
	36	18	19.60	19.50	19.37			3
	36	37	19.40	19.45	19.24			3
75	0	19.54	19.41	19.31	3			
256QAM	1	0	17.51	17.49	17.28	0-5	5	
	1	36	17.65	17.65	17.42		5	
	1	74	17.40	17.30	17.17		5	
	36	0	17.55	17.49	17.32		5	
	36	18	17.59	17.46	17.34		5	
	36	37	17.50	17.32	17.20		5	
	75	0	17.56	17.42	17.35		5	



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Table H-10
LTE Band 66 (AWS) Antenna A 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	22.36	22.35	22.36	0	0
	1	25	22.65	22.65	22.40		0
	1	49	22.45	22.31	22.15		0
	25	0	21.59	21.56	21.39	0-1	1
	25	12	21.61	21.57	21.46		1
	25	25	21.51	21.51	21.37		1
16QAM	50	0	21.52	21.45	21.41	0-1	1
	1	0	21.63	21.60	21.59		1
	1	25	21.93	21.84	21.86		1
	1	49	21.69	21.58	21.48	0-2	1
	25	0	20.67	20.59	20.44		2
	25	12	20.66	20.56	20.48		2
64QAM	25	25	20.54	20.45	20.51	0-2	2
	50	0	20.54	20.47	20.39		2
	1	0	20.59	20.51	20.61		0-2
	1	25	20.88	20.91	20.57	2	
	1	49	20.51	20.55	20.37	2	
	256QAM	25	0	19.64	19.60	19.41	0-3
25		12	19.60	19.58	19.46	3	
25		25	19.50	19.43	19.34	3	
50		0	19.52	19.48	19.42	0-5	3
1		0	17.55	17.41	17.28		5
1		25	17.78	17.74	17.52		5
256QAM	1	49	17.44	17.38	17.26	0-5	5
	25	0	17.64	17.56	17.40		5
	25	12	17.61	17.60	17.52		5
	25	25	17.54	17.48	17.37	5	
	50	0	17.58	17.50	17.37	5	

Table H-11
LTE Band 66 (AWS) Antenna A 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	22.61	22.57	22.42	0	0
	1	12	22.75	22.60	22.52		0
	1	24	22.53	22.44	22.30		0
	12	0	21.73	21.67	21.49	0-1	1
	12	6	21.72	21.52	21.47		1
	12	13	21.62	21.47	21.37		1
16QAM	25	0	21.67	21.52	21.40	0-1	1
	1	0	21.82	21.80	21.65		1
	1	12	21.92	21.90	21.90		1
	1	24	21.85	21.66	21.50	0-2	1
	12	0	20.76	20.63	20.47		2
	12	6	20.72	20.61	20.51		2
64QAM	12	13	20.68	20.53	20.42	0-2	2
	25	0	20.69	20.55	20.44		2
	1	0	20.75	20.69	20.61		0-2
	1	12	20.94	20.99	20.62	2	
	1	24	20.94	20.66	20.44	2	
	256QAM	12	0	19.74	19.63	19.47	0-3
12		6	19.75	19.62	19.52	3	
12		13	19.63	19.46	19.35	3	
25		0	19.65	19.52	19.45	0-5	3
1		0	17.74	17.68	17.49		5
1		12	17.79	17.77	17.61		5
256QAM	1	24	17.66	17.49	17.33	0-5	5
	12	0	17.70	17.67	17.48		5
	12	6	17.74	17.62	17.49		5
	12	13	17.66	17.49	17.41	5	
	25	0	17.69	17.49	17.45	5	



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Table H-12
LTE Band 66 (AWS) Antenna A 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	22.75	22.59	22.34	0	0
	1	7	22.68	22.65	22.41		0
	1	14	22.52	22.51	22.29		0
	8	0	21.73	21.65	21.46	0-1	1
	8	4	21.71	21.62	21.51		1
	8	7	21.61	21.44	21.41		1
	15	0	21.66	21.54	21.43		1
16QAM	1	0	21.93	21.83	21.71	0-1	1
	1	7	21.90	21.87	21.82		1
	1	14	21.93	21.72	21.52		1
	8	0	20.80	20.70	20.50	0-2	2
	8	4	20.77	20.64	20.46		2
	8	7	20.68	20.58	20.41		2
	15	0	20.73	20.55	20.43		2
64QAM	1	0	20.78	20.85	20.55	0-2	2
	1	7	20.97	20.94	20.62		2
	1	14	20.74	20.80	20.46		2
	8	0	19.76	19.73	19.51	0-3	3
	8	4	19.75	19.74	19.45		3
	8	7	19.67	19.55	19.44		3
	15	0	19.69	19.58	19.42		3
256QAM	1	0	17.71	17.77	17.52	0-5	5
	1	7	17.84	17.75	17.55		5
	1	14	17.71	17.50	17.40		5
	8	0	17.76	17.70	17.48		5
	8	4	17.74	17.68	17.46		5
	8	7	17.68	17.59	17.40		5
	15	0	17.70	17.56	17.42		5

Table H-13
LTE Band 66 (AWS) Antenna A 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	22.67	22.51	22.33	0	0
	1	2	22.64	22.64	22.37		0
	1	5	22.43	22.44	22.27		0
	3	0	22.58	22.46	22.30		0
	3	2	22.56	22.63	22.28		0
	3	3	22.34	22.41	22.21		0
	6	0	21.61	21.52	21.40	0-1	1
16QAM	1	0	21.84	21.75	21.61	0-1	1
	1	2	21.82	21.79	21.75		1
	1	5	21.83	21.72	21.46		1
	3	0	21.78	21.71	21.61		1
	3	2	21.79	21.77	21.69		1
	3	3	21.74	21.70	21.37		1
	6	0	20.70	20.50	20.33	0-2	2
64QAM	1	0	20.73	20.77	20.51	0-2	2
	1	2	20.94	20.94	20.62		2
	1	5	20.67	20.74	20.46		2
	3	0	20.72	20.74	20.47		2
	3	2	20.94	20.86	20.55		2
	3	3	20.62	20.68	20.36		2
	6	0	19.66	19.56	19.40	0-3	3
256QAM	1	0	17.70	17.73	17.49	0-5	5
	1	2	17.84	17.69	17.46		5
	1	5	17.70	17.46	17.39		5
	3	0	17.67	17.62	17.39		5
	3	2	17.67	17.66	17.43		5
	3	3	17.64	17.56	17.39		5
	6	0	17.65	17.46	17.35		5



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Table H-14

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers - Hotspot mode active - 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	16.90	16.68	16.67	0	0
	1	36	17.05	16.99	16.80		0
	1	74	16.94	16.75	16.59		0
	36	0	16.98	16.87	16.64	0-1	0
	36	18	17.03	16.82	16.69		0
	36	37	16.98	16.77	16.60		0
	75	0	16.97	16.77	16.62		0
16QAM	1	0	16.99	16.78	16.64	0-1	0
	1	36	17.35	17.02	16.74		0
	1	74	17.09	16.91	16.85		0
	36	0	17.00	16.84	16.65	0-2	0
	36	18	17.07	16.84	16.73		0
	36	37	17.04	16.66	16.58		0
	75	0	16.96	16.77	16.56		0
64QAM	1	0	16.87	16.77	16.82	0-2	0
	1	36	17.17	17.06	16.66		0
	1	74	17.10	16.91	16.66		0
	36	0	16.94	16.79	16.68	0-3	0
	36	18	17.02	16.80	16.64		0
	36	37	17.00	16.77	16.60		0
	75	0	17.01	16.78	16.60		0
256QAM	1	0	16.95	16.78	16.56	0-5	0
	1	36	17.24	17.03	16.78		0
	1	74	17.03	16.66	16.45		0
	36	0	17.03	16.89	16.67		0
	36	18	16.93	16.78	16.62		0
	36	37	16.98	16.80	16.62		0
	75	0	16.99	16.75	16.59		0

Table H-15

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers - Hotspot mode active - 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	16.76	16.65	16.65	0	0
	1	25	17.14	17.00	16.63		0
	1	49	16.86	16.72	16.34		0
	25	0	17.27	16.90	16.71	0-1	0
	25	12	17.12	16.87	16.75		0
	25	25	16.99	16.77	16.65		0
	50	0	17.01	16.86	16.64		0
16QAM	1	0	16.98	16.88	16.74	0-1	0
	1	25	17.34	17.13	16.82		0
	1	49	17.13	16.89	16.68		0
	25	0	17.11	16.93	16.68	0-2	0
	25	12	17.10	16.97	16.73		0
	25	25	17.02	16.87	16.64		0
	50	0	16.97	16.80	16.64		0
64QAM	1	0	17.04	16.84	16.48	0-2	0
	1	25	17.18	17.18	16.90		0
	1	49	17.04	16.65	16.60		0
	25	0	17.01	16.98	16.68	0-3	0
	25	12	17.04	16.94	16.76		0
	25	25	16.97	16.91	16.64		0
	50	0	16.96	16.76	16.65		0
256QAM	1	0	16.93	16.73	16.54	0-5	0
	1	25	17.38	16.93	16.78		0
	1	49	16.93	16.79	16.52		0
	25	0	17.06	16.92	16.67		0
	25	12	17.11	16.98	16.85		0
	25	25	16.97	16.84	16.67		0
	50	0	16.98	16.85	16.69		0



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Table H-16

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers - Hotspot mode active - 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	16.91	16.87	16.72	0	0
	1	12	17.17	17.02	16.67		0
	1	24	17.00	16.78	16.55		0
	12	0	17.19	17.02	16.72	0-1	0
	12	6	17.13	17.06	16.73		0
	12	13	17.08	16.88	16.57		0
16QAM	25	0	17.08	16.88	16.67	0-1	0
	1	0	17.22	17.11	17.08		0
	1	12	17.47	17.21	17.09		0
	1	24	17.14	17.14	16.78	0-2	0
	12	0	17.20	17.03	16.77		0
	12	6	17.19	17.07	16.78		0
64QAM	12	13	17.09	16.92	16.61	0-2	0
	25	0	17.11	16.95	16.67		0
	1	0	17.21	17.04	16.92		0-2
	1	12	17.31	17.16	16.70	0	
	1	24	17.09	16.95	16.66	0	
	256QAM	12	0	17.13	17.06	16.77	0-3
12		6	17.19	17.08	16.80	0	
12		13	17.10	16.89	16.61	0	
25		0	17.11	16.91	16.69	0-5	0
1		0	17.20	17.01	16.80		0
1		12	17.24	17.12	16.67		0
256QAM	1	24	17.12	17.00	16.67	0-5	0
	12	0	17.16	17.03	16.77		0
	12	6	17.20	17.06	16.76		0
	12	13	17.10	16.87	16.61	0-5	0
	25	0	17.10	16.90	16.73		0

Table H-17

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers - Hotspot mode active - 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	16.91	16.97	16.66	0	0
	1	7	17.17	17.05	16.78		0
	1	14	17.00	16.87	16.52		0
	8	0	17.12	17.02	16.61	0-1	0
	8	4	17.13	17.02	16.76		0
	8	7	17.10	16.95	16.76		0
16QAM	15	0	17.11	16.97	16.70	0-1	0
	1	0	17.22	17.11	16.77		0
	1	7	17.40	17.30	17.06		0
	1	14	17.14	17.01	16.79	0-2	0
	8	0	17.11	17.11	16.73		0
	8	4	17.20	17.09	16.80		0
64QAM	8	7	17.15	17.12	16.68	0-2	0
	15	0	17.12	17.01	16.71		0
	1	0	17.21	16.69	16.82		0-2
	1	7	17.30	17.18	16.92	0	
	1	14	17.28	17.14	16.68	0	
	256QAM	8	0	17.20	17.01	16.76	0-3
8		4	17.21	17.02	16.82	0	
8		7	17.12	16.97	16.76	0	
15		0	17.14	16.95	16.70	0-5	0
1		0	17.24	17.01	16.79		0
1		7	17.25	17.17	16.93		0
256QAM	1	14	17.12	16.83	16.63	0-5	0
	8	0	17.12	17.05	16.83		0
	8	4	17.21	17.05	16.69		0
	8	7	17.12	16.93	16.70	0-5	0
	15	0	17.20	16.99	16.72		0



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Table H-18

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers - Hotspot mode active - 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	16.91	17.10	16.64	0	0
	1	2	17.04	17.02	16.62		0
	1	5	17.00	17.00	16.52		0
	3	0	16.98	17.00	16.72		0
	3	2	17.09	17.15	16.70		0
	3	3	17.09	17.11	16.70		0
16QAM	6	0	17.05	17.12	16.72	0-1	0
	1	0	17.22	17.11	16.98		0
	1	2	17.59	17.28	16.92		0
	1	5	17.14	17.14	16.64		0
	3	0	17.18	17.16	16.84		0
	3	2	17.27	17.20	16.80		0
64QAM	3	3	17.11	17.21	16.90	0-2	0
	6	0	17.17	17.16	16.65		0
	1	0	17.21	17.24	16.88		0
	1	2	17.29	17.30	16.78		0
	1	5	17.27	17.25	16.72		0
	3	0	17.20	17.16	16.81		0
256QAM	3	2	17.07	17.25	16.79	0-3	0
	3	3	17.25	17.20	16.88		0
	6	0	17.16	17.10	16.64		0
	1	0	17.25	17.23	16.80		0
	1	2	17.37	17.20	16.87		0
	1	5	17.18	17.18	16.76		0
256QAM	3	0	17.25	17.17	16.71	0-5	0
	3	2	17.14	17.20	16.67		0
	3	3	17.12	17.19	16.69		0
	6	0	17.04	17.13	16.75		0

Table H-19

LTE Band 66 (AWS) Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	18.30	18.04	18.19	0	0
	1	36	18.50	18.37	18.23		0
	1	74	18.40	18.22	18.12		0
	36	0	18.43	18.25	18.17		0
	36	18	18.48	18.32	18.19		0
	36	37	18.35	18.24	18.09		0
16QAM	75	0	18.43	18.26	18.16	0-1	0
	1	0	18.54	18.25	18.33		0
	1	36	18.57	18.48	18.63		0
	1	74	18.41	18.41	18.20		0
	36	0	18.44	18.25	18.23		0
	36	18	18.47	18.33	18.21		0
64QAM	36	37	18.40	18.17	18.11	0-2	0
	75	0	18.44	18.32	18.18		0
	1	0	18.47	18.25	18.28		0
	1	36	18.62	18.56	18.33		0
	1	74	18.61	18.43	18.19		0
	36	0	18.46	18.25	18.23		0
256QAM	36	18	18.50	18.35	18.20	0-3	0
	36	37	18.35	18.19	18.10		0
	75	0	18.43	18.28	18.18		0
	1	0	17.88	17.81	17.67		1
	1	36	18.05	17.95	17.82		1
	1	74	17.84	17.79	17.53		1
256QAM	36	0	17.92	17.78	17.67	0-5	1
	36	18	17.99	17.87	17.73		1
	36	37	17.89	17.70	17.59		1
	75	0	17.96	17.74	17.71		1



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Table H-20
LTE Band 66 (AWS) Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	18.30	18.03	17.96	0	0	
	1	25	18.55	18.31	18.23		0	
	1	49	18.35	18.07	18.03		0	
	QPSK	25	0	18.53	18.27	18.28	0-1	0
		25	12	18.58	18.38	18.35		0
		25	25	18.47	18.17	18.24		0
		50	0	18.47	18.23	18.28		0
1		0	18.44	18.29	18.31	0		
16QAM	1	25	18.77	18.64	18.61	0-1	0	
	1	49	18.64	18.38	18.27		0	
	25	0	18.60	18.32	18.35		0	
	16QAM	25	12	18.58	18.37	18.41	0-2	0
		25	25	18.51	18.21	18.29		0
		50	0	18.51	18.29	18.31		0
		1	0	18.48	18.22	18.22		0-2
1		25	18.79	18.48	18.50	0		
1	49	18.57	18.34	18.22	0			
64QAM	25	0	18.54	18.32	18.32	0-3	0	
	25	12	18.59	18.41	18.39		0	
	25	25	18.49	18.24	18.29		0	
	50	0	18.52	18.31	18.32		0	
	1	0	17.91	17.62	17.69		0-5	1
256QAM	1	25	18.26	17.99	17.42	1		
	1	49	17.95	17.59	17.66	1		
	25	0	17.93	17.80	17.81	1		
	25	12	17.99	17.88	17.78	1		
	25	25	17.83	17.70	17.78	1		
	50	0	17.98	17.81	17.79	1		

Table H-21
LTE Band 66 (AWS) Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	18.55	18.20	18.20	0	0	
	1	12	18.71	18.47	18.39		0	
	1	24	18.52	18.20	18.14		0	
	QPSK	12	0	18.63	18.33	18.32	0-1	0
		12	6	18.65	18.37	18.33		0
		12	13	18.55	18.24	18.23		0
		25	0	18.61	18.30	18.25		0
1		0	18.68	18.52	18.49	0-1		0
16QAM	1	12	18.85	18.68	18.59		0	
	1	24	18.70	18.48	18.29		0	
	12	0	18.69	18.39	18.37		0-2	0
	12	6	18.70	18.41	18.37			0
	12	13	18.63	18.31	18.30			0
	25	0	18.62	18.33	18.30			0
	1	0	18.73	18.46	18.52	0-2		0
64QAM	1	12	18.83	18.53	18.46		0	
	1	24	18.68	18.31	18.36		0	
	12	0	18.69	18.39	18.35		0-3	0
	12	6	18.71	18.41	18.37			0
	12	13	18.63	18.30	18.30			0
	25	0	18.63	18.35	18.29			0
	1	0	17.66	17.91	17.89	0-5		1
256QAM	1	12	17.82	17.95	17.94		1	
	1	24	17.69	17.74	17.67		1	
	12	0	18.00	17.86	17.87		1	
	12	6	18.05	17.89	17.80		1	
	12	13	17.94	17.79	17.76		1	
	25	0	18.11	17.84	17.82		1	





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Table H-22
LTE Band 66 (AWS) Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	18.53	18.50	18.20	0	0
	1	7	18.55	18.54	18.24		0
	1	14	18.45	18.30	18.07		0
	8	0	18.61	18.53	18.30	0-1	0
	8	4	18.63	18.55	18.30		0
	8	7	18.57	18.44	18.25		0
	15	0	18.56	18.41	18.28		0
16QAM	1	0	18.86	18.73	18.51	0-1	0
	1	7	18.86	18.74	18.56		0
	1	14	18.67	18.58	18.33		0
	8	0	18.70	18.63	18.38	0-2	0
	8	4	18.70	18.64	18.37		0
	8	7	18.63	18.46	18.31		0
	15	0	18.61	18.47	18.32		0
64QAM	1	0	18.75	18.72	18.47	0-2	0
	1	7	18.81	18.74	18.55		0
	1	14	18.75	18.64	18.38		0
	8	0	18.66	18.61	18.39	0-3	0
	8	4	18.69	18.61	18.34		0
	8	7	18.65	18.50	18.30		0
	15	0	18.62	18.49	18.32		0
256QAM	1	0	18.22	18.12	17.87	0-5	1
	1	7	18.25	18.18	17.92		1
	1	14	18.10	17.94	17.79		1
	8	0	18.20	17.89	17.81		1
	8	4	18.19	18.09	17.84		1
	8	7	18.14	17.94	17.79		1
	15	0	18.14	17.94	17.82		1

Table H-23
LTE Band 66 (AWS) Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	18.50	18.44	18.24	0	0
	1	2	18.64	18.56	18.24		0
	1	5	18.52	18.51	18.22		0
	3	0	18.56	18.50	18.26		0
	3	2	18.58	18.54	18.23		0
	3	3	18.54	18.48	18.24		0
	6	0	18.58	18.50	18.31	0-1	0
16QAM	1	0	18.87	18.71	18.46	0-1	0
	1	2	18.82	18.72	18.55		0
	1	5	18.88	18.66	18.52		0
	3	0	18.77	18.68	18.41		0
	3	2	18.70	18.63	18.43		0
	3	3	18.75	18.66	18.46		0
	6	0	18.65	18.57	18.34	0-2	0
64QAM	1	0	18.75	18.65	18.44	0-2	0
	1	2	18.87	18.73	18.52		0
	1	5	18.71	18.60	18.43		0
	3	0	18.71	18.62	18.37		0
	3	2	18.69	18.64	18.38		0
	3	3	18.67	18.58	18.36		0
	6	0	18.64	18.58	18.30	0-3	0
256QAM	1	0	18.19	18.14	17.89	0-5	1
	1	2	18.22	18.17	17.86		1
	1	5	18.16	18.06	17.78		1
	3	0	18.17	18.08	17.83		1
	3	2	18.16	18.06	17.81		1
	3	3	18.13	18.07	17.81		1
	6	0	18.10	18.03	17.84		1

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Table H-24

LTE Band 4 (AWS) Antenna I Maximum Conducted Powers - 15 MHz Bandwidth

LTE Band 4 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20025 (1717.5 MHz)	20175 (1732.5 MHz)	20325 (1747.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	20.17	20.00	19.92	0	0
	1	36	20.33	20.38	20.38		0
	1	74	20.23	20.48	20.14		0
	36	0	19.41	19.25	19.20	0-1	1
	36	18	19.54	19.31	19.29		1
	36	37	19.38	19.26	19.28		1
16QAM	75	0	19.48	19.21	19.24	0-1	1
	1	0	19.71	19.48	19.22		1
	1	36	19.76	19.62	19.62		0-1
	1	74	19.66	19.22	19.31	0-2	1
	36	0	18.43	18.19	18.17		2
	36	18	18.57	18.33	18.38		2
64QAM	36	37	18.45	18.20	18.26	0-2	2
	75	0	18.50	18.25	18.23		2
	1	0	18.61	18.27	18.05		0-2
	1	36	18.90	18.58	18.10	2	
	1	74	18.57	18.46	18.39	2	
	256QAM	36	0	17.53	17.19	17.04	0-3
36		18	17.54	17.31	17.31	3	
36		37	17.36	17.27	17.33	3	
75		0	17.44	17.28	17.36	0-5	3
1		0	15.43	15.37	15.39		5
1		36	15.57	15.70	15.42		5
256QAM	1	74	15.13	15.35	15.29	0-5	5
	36	0	15.50	15.10	15.11		5
	36	18	15.51	15.32	15.32		5
	36	37	15.41	15.22	15.26	5	
	75	0	15.44	15.17	15.29	5	

Table H-25

LTE Band 4 (AWS) Antenna I Maximum Conducted Powers - 10 MHz Bandwidth

LTE Band 4 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20000 (1715.0 MHz)	20175 (1732.5 MHz)	20350 (1750.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	20.35	20.26	20.09	0	0
	1	25	20.65	20.40	20.44		0
	1	49	20.25	19.95	20.10		0
	25	0	19.66	19.55	19.32	0-1	1
	25	12	19.71	19.47	19.52		1
	25	25	19.52	19.37	19.39		1
16QAM	50	0	19.62	19.47	19.38	0-1	1
	1	0	19.54	19.35	19.28		1
	1	25	19.95	19.85	19.64		0-1
	1	49	19.50	19.17	19.48	0-2	1
	25	0	18.70	18.45	18.34		2
	25	12	18.76	18.50	18.52		2
64QAM	25	25	18.54	18.35	18.36	0-2	2
	50	0	18.62	18.37	18.36		2
	1	0	18.36	18.35	18.16		0-2
	1	25	18.96	18.60	18.50	2	
	1	49	18.46	18.23	18.31	2	
	256QAM	25	0	17.64	17.34	17.29	0-3
25		12	17.77	17.49	17.48	3	
25		25	17.54	17.32	17.38	3	
50		0	17.55	17.35	17.42	0-5	3
1		0	15.35	15.22	15.26		5
1		25	15.48	15.72	15.58		5
256QAM	1	49	15.19	15.14	15.52	0-5	5
	25	0	15.61	15.34	15.34		5
	25	12	15.75	15.41	15.53		5
	25	25	15.53	15.40	15.42	5	
	50	0	15.56	15.36	15.39	5	



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Table H-26

LTE Band 4 (AWS) Antenna I Maximum Conducted Powers - 5 MHz Bandwidth

LTE Band 4 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19975 (1712.5 MHz)	20175 (1732.5 MHz)	20375 (1752.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	20.57	20.29	20.35	0	0
	1	12	20.68	20.45	20.52		0
	1	24	20.61	20.25	20.34		0
	12	0	19.75	19.54	19.48	0-1	1
	12	6	19.72	19.57	19.47		1
	12	13	19.60	19.38	19.45		1
16QAM	25	0	19.62	19.43	19.41	0-1	1
	1	0	19.82	19.48	19.70		1
	1	12	19.90	19.72	19.68		1
	1	24	19.78	19.38	19.64	0-2	1
	12	0	18.79	18.51	18.52		2
	12	6	18.82	18.59	18.50		2
64QAM	12	13	18.63	18.43	18.53	0-2	2
	25	0	18.63	18.45	18.46		2
	1	0	18.86	18.43	18.47		2
	1	12	18.89	18.68	18.52	0-3	2
	1	24	18.72	18.42	18.50		2
	12	0	17.72	17.53	17.49		3
256QAM	12	6	17.82	17.57	17.48	0-3	3
	12	13	17.60	17.40	17.54		3
	25	0	17.65	17.47	17.44		3
	1	0	15.67	15.42	15.33	0-5	5
	1	12	15.85	15.59	15.60		5
	1	24	15.62	15.38	15.37		5
12	0	15.74	15.42	15.48	5		
12	6	15.77	15.52	15.60	5		
12	13	15.51	15.40	15.40	5		
25	0	15.60	15.43	15.39	5		

Table H-27

LTE Band 4 (AWS) Antenna I Maximum Conducted Powers) - 3 MHz Bandwidth

LTE Band 4 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19965 (1711.5 MHz)	20175 (1732.5 MHz)	20385 (1753.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	20.60	20.42	20.28	0	0
	1	7	20.62	20.39	20.61		0
	1	14	20.53	20.30	20.38		0
	8	0	19.77	19.58	19.46	0-1	1
	8	4	19.73	19.47	19.41		1
	8	7	19.63	19.36	19.47		1
16QAM	15	0	19.66	19.46	19.43	0-1	1
	1	0	19.86	19.60	19.59		1
	1	7	19.90	19.67	19.80		1
	1	14	19.81	19.50	19.64	0-2	1
	8	0	18.74	18.54	18.52		2
	8	4	18.79	18.42	18.56		2
64QAM	8	7	18.72	18.39	18.42	0-2	2
	15	0	18.72	18.48	18.45		2
	1	0	18.74	18.52	18.53		0-2
	1	7	18.90	18.60	18.60	2	
	1	14	18.81	18.48	18.50	2	
	256QAM	8	0	17.82	17.52	17.48	0-3
8		4	17.76	17.57	17.52	3	
8		7	17.74	17.49	17.50	3	
15		0	17.66	17.51	17.37	0-5	3
1		0	15.79	15.50	15.46		5
1		7	15.88	15.67	15.66		5
1	14	15.60	15.32	15.34	5		
8	0	15.76	15.58	15.48	5		
8	4	15.64	15.58	15.38	5		
256QAM	8	7	15.68	15.42	15.49	0-5	5
	15	0	15.66	15.48	15.41		5



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Table H-28

LTE Band 4 (AWS) Antenna I Maximum Conducted Powers - 1.4 MHz Bandwidth

LTE Band 4 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19957 (1710.7 MHz)	20175 (1732.5 MHz)	20393 (1754.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	20.66	20.51	20.39	0	0
	1	2	20.63	20.44	20.58		0
	1	5	20.68	20.5	20.55		0
	3	0	20.81	20.51	20.59		0
	3	2	20.81	20.52	20.65		0
	3	3	20.84	20.46	20.66		0
16QAM	6	0	19.84	19.52	19.61	0-1	1
	1	0	19.92	19.58	19.71	0-1	1
	1	2	19.97	19.53	19.86		1
	1	5	19.63	19.46	19.81		1
	3	0	19.92	19.65	19.72		1
	3	2	19.9	19.57	19.77		1
3	3	19.96	19.62	19.79	1		
64QAM	6	0	18.83	18.49	18.67	0-2	2
	1	0	18.92	18.56	18.54	0-2	2
	1	2	18.9	18.66	18.59		2
	1	5	18.91	18.48	18.85		2
	3	0	18.86	18.65	18.65		2
	3	2	18.9	18.59	18.68		2
3	3	18.9	18.56	18.7	2		
256QAM	6	0	17.83	17.38	17.63	0-3	3
	1	0	15.83	15.32	15.55	0-5	5
	1	2	15.89	15.77	15.6		5
	1	5	15.62	15.42	15.68		5
	3	0	15.8	15.29	15.55		5
	3	2	15.86	15.65	15.6		5
3	3	15.83	15.19	15.61	5		
	6	0	15.77	15.49	15.57		5

Table H-29

LTE Band 4 (AWS) Antenna I Reduced Conducted Powers - RCV Mode active and/or Hotspot Mode Active - 15 MHz Bandwidth

LTE Band 4 (AWS) 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]		
			20025 (1717.5 MHz)	20175 (1732.5 MHz)	20325 (1747.5 MHz)				
Conducted Power [dBm]									
QPSK	1	0	15.27	15.15	15.30	0	0		
	1	36	15.67	15.59	15.58		0		
	1	74	15.49	15.31	15.34		0		
	36	0	15.52	15.37	15.29		0-1	0	
	36	18	15.58	15.44	15.40			0	
	36	37	15.49	15.44	15.42			0	
75	0	15.53	15.40	15.33	0				
16QAM	1	0	15.56	15.41	15.41	0-1	0		
	1	36	15.81	15.75	15.76		0		
	1	74	15.66	15.49	15.38		0		
	36	0	15.52	15.38	15.29		0-2	0	
	36	18	15.59	15.41	15.47			0	
	36	37	15.46	15.42	15.44			0	
64QAM	75	0	15.55	15.36	15.39	0-3	0		
	1	0	15.49	15.38	15.23		0-2	0	
	1	36	15.78	15.59	15.57			0	
	1	74	15.61	15.45	15.24			0	
	36	0	15.53	15.35	15.29			0-3	0
	36	18	15.58	15.41	15.44				0
36	37	15.46	15.37	15.44	0				
256QAM	75	0	15.54	15.34	15.38	0-5	0		
	1	0	15.47	15.27	15.16		0-5	0	
	1	36	15.69	15.58	15.53			0	
	1	74	15.55	15.37	15.27			0	
	36	0	15.54	15.33	15.31			0	
	36	18	15.62	15.43	15.46			0	
	36	37	15.47	15.40	15.43	0			
	75	0	15.62	15.49	15.42		0		



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Table H-30

LTE Band 4 (AWS) Antenna I Reduced Conducted Powers - RCV Mode active and/or Hotspot Mode Active - 10 MHz Bandwidth

LTE Band 4 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20000 (1715.0 MHz)	20175 (1732.5 MHz)	20350 (1750.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	15.40	15.35	15.33	0	0
	1	25	15.82	15.62	15.55		0
	1	49	15.29	15.30	15.17		0
	25	0	15.69	15.52	15.43	0-1	0
	25	12	15.80	15.60	15.54		0
	25	25	15.59	15.51	15.51		0
16QAM	50	0	15.45	15.51	15.45	0-1	0
	1	0	15.58	15.47	15.41		0
	1	25	15.49	15.78	15.78		0
	1	49	15.54	15.48	15.37	0-2	0
	25	0	15.69	15.48	15.41		0
	25	12	15.81	15.55	15.62		0
64QAM	25	25	15.58	15.47	15.48	0-2	0
	50	0	15.48	15.47	15.50		0
	1	0	15.52	15.49	15.29		0-2
	1	25	15.56	15.75	15.66	0	
	1	49	15.54	15.30	15.38	0	
	256QAM	25	0	15.69	15.50	15.43	0-3
25		12	15.78	15.56	15.60	0	
25		25	15.57	15.47	15.47	0	
50		0	15.46	15.47	15.50	0-5	0
1		0	15.52	15.41	15.22		0
1		25	15.70	15.70	15.68		0
256QAM	1	49	15.42	15.22	15.33	0-5	0
	25	0	15.71	15.52	15.42		0
	25	12	15.81	15.56	15.62		0
	25	25	15.60	15.47	15.47	0	
	50	0	15.46	15.49	15.50	0	

Table H-31

LTE Band 4 (AWS) Antenna I Reduced Conducted Powers - RCV Mode active and/or Hotspot Mode Active - 5 MHz Bandwidth

LTE Band 4 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19975 (1712.5 MHz)	20175 (1732.5 MHz)	20375 (1752.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	15.56	15.41	15.47	0	0
	1	12	15.81	15.73	15.69		0
	1	24	15.67	15.43	15.60		0
	12	0	15.79	15.43	15.49	0-1	0
	12	6	15.84	15.46	15.56		0
	12	13	15.69	15.50	15.60		0
16QAM	25	0	15.69	15.46	15.59	0-1	0
	1	0	15.82	15.50	15.54		0
	1	12	15.80	15.78	15.71		0-2
	1	24	15.82	15.43	15.73	0	
	12	0	15.82	15.43	15.73	0	
	64QAM	12	6	15.83	15.45	15.73	0-2
12		13	15.67	15.50	15.64	0	
25		0	15.69	15.45	15.47	0-3	
1		0	15.75	15.49	15.60		0
1		12	15.79	15.77	15.65		0
256QAM		1	24	15.77	15.59	15.70	0-2
	12	0	15.80	15.48	15.64	0	
	12	6	15.75	15.58	15.57	0-3	
	12	13	15.66	15.52	15.61		0
	25	0	15.70	15.55	15.57		0
	256QAM	1	0	15.72	15.49	15.49	0-5
1		12	15.44	15.67	15.73	0	
1		24	15.75	15.54	15.59	0	
12		0	15.79	15.53	15.59	0-5	0
12		6	15.85	15.55	15.61		0
12		13	15.67	15.53	15.56		0
25	0	15.69	15.56	15.50	0		



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Table H-32



LTE Band 4 (AWS) Antenna I Reduced Conducted Powers - RCV Mode active and/or Hotspot Mode Active - 3 MHz Bandwidth

LTE Band 4 (AWS) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			19965 (1711.5 MHz)	20175 (1732.5 MHz)	20385 (1753.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	15.67	15.48	15.39	0	0	
	1	7	15.69	15.65	15.62		0	
	1	14	15.59	15.34	15.40		0	
	QPSK	8	0	15.76	15.45	15.51	0-1	0
		8	4	15.72	15.52	15.51		0
		8	7	15.70	15.41	15.53		0
		15	0	15.69	15.47	15.48		0
15		0	15.69	15.47	15.48	0		
16QAM	1	0	15.34	15.52	15.64	0-1	0	
	1	7	15.44	15.78	15.79		0	
	1	14	15.57	15.54	15.62		0	
	16QAM	8	0	15.58	15.48	15.49	0-2	0
		8	4	15.74	15.48	15.53		0
		8	7	15.74	15.49	15.57		0
		15	0	15.70	15.46	15.45		0
64QAM	1	0	15.81	15.46	15.61	0-2	0	
	1	7	15.65	15.70	15.79		0	
	1	14	15.77	15.55	15.60		0	
	64QAM	8	0	15.79	15.48	15.51	0-3	0
		8	4	15.75	15.56	15.53		0
		8	7	15.73	15.53	15.53		0
		15	0	15.70	15.51	15.48		0
256QAM	1	0	15.80	15.49	15.51	0-5	0	
	1	7	15.66	15.69	15.72		0	
	1	14	15.62	15.55	15.54		0	
	8	0	15.76	15.52	15.50		0	
	8	4	15.77	15.60	15.52		0	
	8	7	15.72	15.51	15.51		0	
	15	0	15.71	15.56	15.48		0	

Table H-33

LTE Band 4 (AWS) Antenna I Reduced Conducted Powers - RCV Mode active and/or Hotspot Mode Active - 1.4 MHz Bandwidth

LTE Band 4 (AWS) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			19957 (1710.7 MHz)	20175 (1732.5 MHz)	20393 (1754.3 MHz)			
Conducted Power [dBm]								
QPSK	1	0	15.63	15.50	15.58	0	0	
	1	2	15.69	15.62	15.43		0	
	1	5	15.68	15.48	15.54		0	
	QPSK	3	0	15.66	15.53	15.47	0-1	0
		3	2	15.69	15.60	15.46		0
		3	3	15.73	15.48	15.44		0
		6	0	15.68	15.54	15.47		0
16QAM	1	0	15.43	15.45	15.75	0-1	0	
	1	2	15.57	15.60	15.66		0	
	1	5	15.55	15.48	15.75		0	
	16QAM	3	0	15.67	15.49	15.54	0-2	0
		3	2	15.60	15.57	15.58		0
		3	3	15.70	15.52	15.51		0
		6	0	15.71	15.45	15.52		0
64QAM	1	0	15.81	15.50	15.59	0-2	0	
	1	2	15.78	15.56	15.61		0	
	1	5	15.61	15.53	15.62		0	
	64QAM	3	0	15.76	15.50	15.52	0-3	0
		3	2	15.82	15.58	15.52		0
		3	3	15.75	15.50	15.56		0
		6	0	15.74	15.47	15.48		0
256QAM	1	0	15.79	15.47	15.54	0-5	0	
	1	2	15.78	15.65	15.52		0	
	1	5	15.82	15.53	15.60		0	
	3	0	15.79	15.46	15.52		0	
	3	2	15.76	15.54	15.54		0	
	3	3	15.76	15.47	15.53		0	
	6	0	15.69	15.56	15.47		0	

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H.1.6 LTE Band 25

Table H-34
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	22.31	22.49	22.41	0	0
	1	36	22.56	22.52	22.45		0
	1	74	22.35	22.42	22.30		0
	36	0	21.35	21.32	21.24	0-1	1
	36	18	21.51	21.43	21.35		1
	36	37	21.47	21.38	21.27		1
	75	0	21.43	21.34	21.29		1
16QAM	1	0	21.47	21.64	21.58	0-1	1
	1	36	21.74	21.73	21.66		1
	1	74	21.51	21.55	21.43		1
	36	0	20.37	20.34	20.25	0-2	2
	36	18	20.54	20.42	20.37		2
	36	37	20.50	20.40	20.29		2
	75	0	20.40	20.36	20.30		2
64QAM	1	0	20.42	20.63	20.58	0-2	2
	1	36	20.68	20.70	20.53		2
	1	74	20.55	20.56	20.42		2
	36	0	19.32	19.33	19.25	0-3	3
	36	18	19.51	19.45	19.35		3
	36	37	19.46	19.41	19.35		3
	75	0	19.43	19.33	19.27		3
256QAM	1	0	17.21	17.26	17.23	0-5	5
	1	36	17.55	17.63	17.47		5
	1	74	17.45	17.51	17.25		5
	36	0	17.37	17.31	17.27	0-5	5
	36	18	17.52	17.43	17.35		5
	36	37	17.51	17.38	17.24		5
	75	0	17.43	17.37	17.30		5

Table H-35
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	22.30	22.37	22.40	0	0
	1	25	22.55	22.61	22.46		0
	1	49	22.31	22.33	22.35		0
	25	0	21.42	21.43	21.33	0-1	1
	25	12	21.61	21.55	21.44		1
	25	25	21.57	21.44	21.35		1
	50	0	21.53	21.42	21.32		1
16QAM	1	0	21.57	21.53	21.61	0-1	1
	1	25	21.84	21.70	21.71		1
	1	49	21.61	21.61	21.62		1
	25	0	20.45	20.40	20.36	0-2	2
	25	12	20.61	20.50	20.42		2
	25	25	20.55	20.45	20.40		2
	50	0	20.53	20.45	20.35		2
64QAM	1	0	20.49	20.47	20.48	0-2	2
	1	25	20.75	20.66	20.54		2
	1	49	20.52	20.48	20.52		2
	25	0	19.45	19.42	19.35	0-3	3
	25	12	19.66	19.54	19.45		3
	25	25	19.54	19.44	19.36		3
	50	0	19.52	19.40	19.37		3
256QAM	1	0	17.34	17.37	17.24	0-5	5
	1	25	17.76	17.72	17.53		5
	1	49	17.43	17.37	17.21		5
	25	0	17.45	17.42	17.35	0-5	5
	25	12	17.63	17.55	17.45		5
	25	25	17.56	17.49	17.38		5
	50	0	17.48	17.45	17.34		5



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Table H-36
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	22.56	22.45	22.35	0	0
	1	12	22.60	22.56	22.46		0
	1	24	22.54	22.48	22.36		0
	12	0	21.55	21.46	21.38	0-1	1
	12	6	21.55	21.52	21.36		1
	12	13	21.58	21.49	21.41		1
16QAM	25	0	21.57	21.43	21.36	0-1	1
	1	0	21.66	21.67	21.55		1
	1	12	21.94	21.85	21.64		1
	1	24	21.75	21.72	21.53	0-2	1
	12	0	20.60	20.48	20.41		2
	12	6	20.65	20.61	20.48		2
64QAM	12	13	20.66	20.51	20.46	0-2	2
	25	0	20.60	20.48	20.37		2
	1	0	20.65	20.62	20.57		0-2
	1	12	20.78	20.74	20.53	2	
	1	24	20.74	20.79	20.55	2	
	256QAM	12	0	19.57	19.49	19.38	0-3
12		6	19.61	19.62	19.41	3	
12		13	19.62	19.50	19.37	3	
25		0	19.54	19.46	19.37	0-5	3
1		0	17.56	17.50	17.41		5
1		12	17.75	17.72	17.55		5
256QAM	1	24	17.61	17.56	17.45	0-5	5
	12	0	17.59	17.49	17.40		5
	12	6	17.64	17.57	17.42		5
	12	13	17.62	17.51	17.40	5	
	25	0	17.60	17.50	17.38	5	

Table H-37
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	22.46	22.44	22.29	0	0
	1	7	22.70	22.52	22.40		0
	1	14	22.63	22.45	22.34		0
	8	0	21.52	21.45	21.30	0-1	1
	8	4	21.60	21.59	21.36		1
	8	7	21.61	21.55	21.34		1
16QAM	15	0	21.56	21.50	21.36	0-1	1
	1	0	21.68	21.62	21.51		1
	1	7	21.85	21.73	21.68		1
	1	14	21.81	21.77	21.57	0-2	1
	8	0	20.64	20.51	20.39		2
	8	4	20.67	20.62	20.45		2
64QAM	8	7	20.64	20.61	20.42	0-2	2
	15	0	20.60	20.50	20.37		2
	1	0	20.63	20.61	20.42		0-2
	1	7	20.78	20.87	20.60	2	
	1	14	20.77	20.75	20.52	2	
	256QAM	8	0	19.62	19.48	19.39	0-3
8		4	19.63	19.61	19.42	3	
8		7	19.65	19.60	19.40	3	
15		0	19.57	19.48	19.39	0-5	3
1		0	17.62	17.51	17.36		5
1		7	17.73	17.69	17.48		5
256QAM	1	14	17.66	17.63	17.45	0-5	5
	8	0	17.58	17.51	17.35		5
	8	4	17.65	17.61	17.40		5
	8	7	17.62	17.59	17.36	5	
	15	0	17.59	17.53	17.37	5	



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Table H-38
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	22.73	22.74	22.61	0	0
	1	2	22.70	22.86	22.74		0
	1	5	22.74	22.76	22.61		0
	3	0	22.77	22.86	22.65		0
	3	2	22.75	22.85	22.60		0
	3	3	22.77	22.82	22.64		0
16QAM	6	0	21.74	21.82	21.58	0-1	1
	1	0	22.00	21.97	21.77	0-1	1
	1	2	21.71	22.00	22.00		1
	1	5	21.95	21.95	21.73		1
	3	0	21.99	21.92	21.61		1
	3	2	21.93	21.85	21.73		1
3	3	22.00	21.97	21.78	1		
64QAM	6	0	20.92	20.79	20.72	0-2	2
	1	0	20.90	20.62	20.75	0-2	2
	1	2	20.95	21.00	20.73		2
	1	5	20.96	20.92	20.80		2
	3	0	20.88	20.92	20.86		2
	3	2	20.92	20.80	20.69		2
3	3	20.66	20.78	20.71	2		
256QAM	6	0	19.85	19.25	19.61	0-3	3
	1	0	17.67	17.67	17.61	0-5	5
	1	2	17.93	17.94	17.76		5
	1	5	17.77	17.63	17.52		5
	3	0	18.00	17.88	17.62		5
	3	2	17.89	17.90	17.71		5
3	3	17.87	17.86	17.86	5		
	6	0	17.83	17.70	17.60		5

Table H-39
LTE Band 25 (PCS) Reduced Conducted Powers - Hotspot mode active - 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	16.65	17.05	16.81	0	0	
	1	36	16.99	17.02	16.91		0	
	1	74	16.93	16.93	16.85		0	
	36	0	16.85	16.72	16.74		0	
	36	18	16.95	16.94	16.78		0	
	36	37	16.97	16.85	16.79		0	
16QAM	75	0	16.93	16.83	16.84	0-1	0	
	1	0	16.75	17.15	17.13		0	
	1	36	17.19	17.03	17.07		0	
	1	74	16.92	17.06	16.69		0	
	36	0	16.91	16.96	16.74		0	
	36	18	16.95	16.94	16.84		0	
64QAM	36	37	16.92	16.92	16.72	0-2	0	
	75	0	16.92	16.81	16.76		0	
	1	0	16.77	17.17	16.99		0-2	0
	1	36	17.19	17.23	17.08			0
	1	74	17.12	17.11	16.77			0
	36	0	16.95	16.81	16.68			0
36	18	16.99	16.91	16.82	0			
36	37	16.94	16.89	16.78	0			
256QAM	75	0	16.93	16.84	16.73	0-3	0	
	1	0	16.80	16.79	16.73		0	
	1	36	17.15	17.12	16.85		0-5	0
	1	74	17.03	16.88	16.67			0
	36	0	16.89	16.80	16.69			0
	36	18	16.98	16.88	16.89			0
36	37	16.97	16.86	16.84	0			
75	0	16.96	16.89	16.77	0			



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Table H-40
LTE Band 25 (PCS) Reduced Conducted Powers - Hotspot mode active - 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	16.66	16.75	16.79	0	0
	1	25	16.98	17.05	16.80		0
	1	49	16.77	16.70	16.82		0
	25	0	16.88	16.83	16.76	0-1	0
	25	12	17.03	17.00	16.86		0
	25	25	16.94	16.94	16.80		0
	50	0	16.99	16.87	16.79		0
16QAM	1	0	17.09	16.97	17.10	0-1	0
	1	25	17.39	17.16	16.98		0
	1	49	17.14	16.99	17.03		0
	25	0	16.83	16.83	16.77	0-2	0
	25	12	17.08	16.95	16.92		0
	25	25	16.99	16.87	16.84		0
	50	0	16.99	16.85	16.77		0
64QAM	1	0	16.91	16.80	16.95	0-2	0
	1	25	17.13	17.10	16.96		0
	1	49	16.95	17.11	16.90		0
	25	0	16.92	16.83	16.80	0-3	0
	25	12	17.01	17.04	16.88		0
	25	25	17.02	16.89	16.74		0
	50	0	16.95	16.87	16.80		0
256QAM	1	0	16.74	16.81	16.59	0-5	0
	1	25	17.24	17.15	17.10		0
	1	49	16.73	16.67	16.52		0
	25	0	16.84	16.88	16.77		0
	25	12	17.07	17.06	16.93		0
	25	25	17.16	16.93	16.79		0
	50	0	16.95	16.87	16.79		0

Table H-41
LTE Band 25 (PCS) Reduced Conducted Powers - Hotspot mode active - 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	16.94	16.90	16.77	0	0
	1	12	17.04	17.07	16.83		0
	1	24	17.00	16.97	16.80		0
	12	0	17.05	16.92	16.80	0-1	0
	12	6	17.00	17.02	16.79		0
	12	13	17.00	16.93	16.82		0
	25	0	17.02	16.89	16.82		0
16QAM	1	0	17.16	17.04	17.04	0-1	0
	1	12	17.23	17.36	16.89		0
	1	24	17.28	17.13	16.92		0
	12	0	17.06	16.93	16.87	0-2	0
	12	6	17.10	17.07	16.87		0
	12	13	17.01	16.63	16.84		0
	25	0	17.08	16.96	16.80		0
64QAM	1	0	17.30	16.52	16.74	0-2	0
	1	12	17.21	17.16	16.89		0
	1	24	17.12	17.31	16.90		0
	12	0	17.02	16.95	16.84	0-3	0
	12	6	17.12	17.04	16.84		0
	12	13	17.09	16.91	16.91		0
	25	0	17.02	17.03	16.88		0
256QAM	1	0	16.95	16.97	16.79	0-5	0
	1	12	17.13	17.28	16.86		0
	1	24	17.13	16.99	16.94		0
	12	0	17.05	16.90	16.84		0
	12	6	17.08	17.07	16.86		0
	12	13	17.12	16.99	16.84		0
	25	0	17.01	16.95	16.89		0



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Table H-42
LTE Band 25 (PCS) Reduced Conducted Powers - Hotspot mode active - 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	16.97	16.86	16.68	0	0
	1	7	16.98	17.03	16.72		0
	1	14	17.01	16.97	16.71		0
	8	0	16.97	16.91	16.86	0-1	0
	8	4	16.99	17.00	16.91		0
	8	7	16.98	17.04	16.80		0
	15	0	16.97	16.92	16.78		0
16QAM	1	0	17.06	17.12	16.94	0-1	0
	1	7	17.38	17.24	16.97		0
	1	14	17.17	17.22	17.00		0
	8	0	17.00	17.03	16.84	0-2	0
	8	4	17.04	17.04	16.88		0
	8	7	17.12	17.04	16.87		0
	15	0	17.06	16.88	16.77		0
64QAM	1	0	17.07	17.05	16.93	0-2	0
	1	7	17.31	17.28	16.87		0
	1	14	17.25	17.29	16.91		0
	8	0	17.01	17.12	16.90	0-3	0
	8	4	17.06	17.00	16.86		0
	8	7	17.07	16.99	16.87		0
	15	0	17.01	16.85	16.84		0
256QAM	1	0	17.01	16.98	16.74	0-5	0
	1	7	17.02	17.11	17.03		0
	1	14	17.13	17.01	16.79		0
	8	0	16.99	16.84	16.82		0
	8	4	17.05	16.98	16.88		0
	8	7	17.01	17.09	16.95		0
	15	0	17.05	16.95	16.86		0

Table H-43
LTE Band 25 (PCS) Reduced Conducted Powers - Hotspot mode active - 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	17.02	16.95	16.70	0	0
	1	2	17.00	16.95	16.81		0
	1	5	16.93	16.96	16.83		0
	3	0	16.98	16.96	16.76	0-1	0
	3	2	17.04	17.00	16.74		0
	3	3	17.12	16.98	16.79		0
	6	0	17.00	16.98	16.82		0
16QAM	1	0	17.23	17.22	16.87	0-1	0
	1	2	17.27	17.36	16.93		0
	1	5	17.27	17.25	17.03		0
	3	0	17.07	16.92	17.13	0-2	0
	3	2	17.13	17.11	16.92		0
	3	3	17.18	17.15	16.94		0
	6	0	17.05	17.05	16.89		0
64QAM	1	0	17.13	17.10	16.80	0-2	0
	1	2	17.16	17.20	16.93		0
	1	5	17.26	17.15	17.00		0
	3	0	17.20	17.03	16.84	0-3	0
	3	2	17.06	17.11	16.89		0
	3	3	17.19	17.12	16.85		0
	6	0	17.12	17.10	16.84		0
256QAM	1	0	17.00	16.98	16.84	0-5	0
	1	2	17.17	17.12	16.86		0
	1	5	17.13	16.96	16.80		0
	3	0	17.14	17.07	16.80		0
	3	2	17.13	16.97	16.83		0
	3	3	17.08	17.02	16.88		0
	6	0	17.03	16.95	16.79		0



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Table H-44
LTE Band 25 (PCS) Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active -
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	18.51	18.57	18.36	0	0
	1	36	18.83	18.73	18.37		0
	1	74	18.77	18.75	18.30		0
	36	0	18.72	18.54	18.49	0-1	0
	36	18	18.76	18.71	18.57		0
	36	37	18.75	18.66	18.42		0
	75	0	18.72	18.59	18.50		0
16QAM	1	0	18.65	18.63	18.71	0-1	0
	1	36	18.68	18.80	18.75		0
	1	74	18.46	18.84	18.55		0
	36	0	18.71	18.62	18.57	0-2	0
	36	18	18.81	18.63	18.64		0
	36	37	18.79	18.68	18.55		0
	75	0	18.72	18.62	18.51		0
64QAM	1	0	18.61	18.75	18.73	0-2	0
	1	36	18.80	18.80	18.85		0
	1	74	18.88	18.80	18.72		0
	36	0	18.70	18.56	18.55	0-3	0
	36	18	18.81	18.66	18.55		0
	36	37	18.70	18.67	18.51		0
	75	0	18.73	18.66	18.51		0
256QAM	1	0	17.57	17.52	17.28	0-5	1.5
	1	36	17.90	17.91	17.62		1.5
	1	74	17.78	17.65	17.25		1.5
	36	0	17.57	17.59	17.48		1.5
	36	18	17.81	17.65	17.56		1.5
	36	37	17.77	17.63	17.45		1.5
	75	0	17.70	17.61	17.55		1.5

Table H-45
LTE Band 25 (PCS) Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active -
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	18.65	18.60	18.73	0	0
	1	25	18.88	18.85	18.81		0
	1	49	18.66	18.54	18.63		0
	25	0	18.81	18.81	18.65	0-1	0
	25	12	19.03	18.84	18.72		0
	25	25	18.92	18.82	18.69		0
	50	0	18.89	18.71	18.64		0
16QAM	1	0	18.90	18.82	19.08	0-1	0
	1	25	19.17	19.24	19.07		0
	1	49	19.09	18.91	19.01		0
	25	0	18.78	18.78	18.67	0-2	0
	25	12	18.98	18.82	18.70		0
	25	25	18.94	18.79	18.82		0
	50	0	18.88	18.77	18.67		0
64QAM	1	0	18.82	18.75	18.86	0-2	0
	1	25	19.11	19.07	18.91		0
	1	49	18.75	18.75	18.68		0
	25	0	18.79	18.70	18.63	0-3	0
	25	12	19.02	18.91	18.77		0
	25	25	18.72	18.73	18.69		0
	50	0	18.89	18.72	18.62		0
256QAM	1	0	17.55	17.70	17.57	0-5	1.5
	1	25	17.90	17.97	17.88		1.5
	1	49	17.74	17.55	17.43		1.5
	25	0	17.75	17.74	17.64		1.5
	25	12	18.00	17.89	17.82		1.5
	25	25	17.90	17.77	17.67		1.5
	50	0	17.88	17.71	17.73		1.5



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Table H-46
LTE Band 25 (PCS) Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active -
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	18.76	18.78	18.56	0	0
	1	12	18.94	18.88	18.69		0
	1	24	18.89	18.82	18.54		0
	12	0	18.80	18.72	18.60	0-1	0
	12	6	18.89	18.82	18.65		0
	12	13	18.90	18.76	18.67		0
16QAM	25	0	18.88	18.76	18.66	0-1	0
	1	0	18.96	19.08	18.80		0
	1	12	19.16	19.03	19.09		0
	1	24	18.99	19.00	18.86	0-2	0
	12	0	18.88	18.73	18.69		0
	12	6	18.90	18.92	18.74		0
64QAM	12	13	18.92	18.89	18.63	0-2	0
	25	0	18.87	18.84	18.66		0
	1	0	18.96	18.57	18.63		0-2
	1	12	19.10	19.14	18.85	0	
	1	24	19.04	18.93	18.86	0	
	256QAM	12	0	18.90	18.74	18.64	0-3
12		6	18.94	18.89	18.69	0	
12		13	18.93	18.79	18.70	0	
25		0	18.88	18.73	18.62	0-5	0
1		0	17.78	17.78	17.31		1.5
1		12	17.90	17.96	17.75		1.5
256QAM	1	24	17.76	17.91	17.74	0-5	1.5
	12	0	17.89	17.70	17.57		1.5
	12	6	17.83	17.87	17.72		1.5
	12	13	17.85	17.70	17.62	1.5	
	25	0	17.84	17.71	17.63	1.5	

Table H-47
LTE Band 25 (PCS) Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active -
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	18.66	18.69	18.55	0	0
	1	7	18.71	18.84	18.64		0
	1	14	18.79	18.73	18.55		0
	8	0	18.80	18.78	18.50	0-1	0
	8	4	18.85	18.78	18.66		0
	8	7	18.86	18.85	18.63		0
16QAM	15	0	18.78	18.80	18.65	0-1	0
	1	0	18.94	19.00	18.75		0
	1	7	19.06	19.11	18.84		0
	1	14	19.01	18.96	18.76	0-2	0
	8	0	18.80	18.83	18.68		0
	8	4	18.96	18.87	18.75		0
64QAM	8	7	18.91	18.71	18.65	0-2	0
	15	0	18.85	18.89	18.68		0
	1	0	18.81	18.78	18.66		0-2
	1	7	19.14	19.00	18.82	0	
	1	14	19.08	19.03	18.63	0	
	256QAM	8	0	18.86	18.89	18.67	0-3
8		4	18.88	18.86	18.71	0	
8		7	18.87	18.80	18.66	0	
15		0	18.94	18.87	18.70	0-5	0
1		0	17.81	17.83	17.62		1.5
1		7	17.80	17.99	17.88		1.5
256QAM	1	14	17.89	17.92	17.73	0-5	1.5
	8	0	17.77	17.81	17.66		1.5
	8	4	17.88	17.86	17.70		1.5
	8	7	17.84	17.82	17.71	1.5	
	15	0	17.84	17.85	17.67	1.5	



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Table H-48
LTE Band 25 (PCS) Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active -
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	18.74	18.77	18.42	0	0
	1	2	18.78	18.71	18.53		0
	1	5	18.70	18.81	18.60		0
	3	0	18.84	18.97	18.54		0
	3	2	18.85	18.82	18.58		0
	3	3	18.71	18.83	18.61		0
16QAM	6	0	18.81	18.78	18.58	0-1	0
	1	0	19.06	19.05	18.90	0-1	0
	1	2	18.92	19.14	18.84		0
	1	5	19.04	19.01	18.85		0
	3	0	18.90	18.89	18.73		0
	3	2	18.98	19.03	18.65		0
3	3	18.99	19.15	18.73	0		
64QAM	6	0	18.82	18.83	18.67	0-2	0
	1	0	18.86	18.86	18.61	0-2	0
	1	2	18.94	19.05	18.76		0
	1	5	19.03	19.02	18.78		0
	3	0	18.94	18.91	18.62		0
	3	2	18.87	18.83	18.73		0
3	3	18.86	18.85	18.85	0		
256QAM	6	0	18.81	18.83	18.56	0-3	0
	1	0	17.80	17.80	17.60	0-5	1.5
	1	2	17.96	17.88	17.81		1.5
	1	5	17.82	17.87	17.60		1.5
	3	0	17.85	17.81	17.60		1.5
	3	2	17.85	17.76	17.65		1.5
3	3	17.85	17.89	17.72	1.5		
	6	0	17.83	17.77	17.57		1.5

H.1.7 LTE Band 41

Table H-49
LTE Band 41 PC3 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	22.75	23.11	23.15	23.26	23.16	0	0	
	1	36	22.96	23.44	23.56	23.55	23.57		0	
	1	74	22.98	23.10	23.20	23.20	23.46		0	
	36	0	21.88	22.32	22.35	22.41	22.42		0-1	1
	36	18	22.02	22.42	22.47	22.48	22.54			1
	36	37	22.09	22.41	22.42	22.36	22.59			1
16QAM	75	0	21.93	22.29	22.35	22.28	22.49	0-1	1	
	1	0	21.79	22.13	22.19	22.13	22.07		1	
	1	36	22.01	22.46	22.45	22.51	22.63		0-1	1
	1	74	21.99	22.08	22.22	21.98	22.60			1
	36	0	20.86	21.31	21.31	21.42	21.44			0-2
	36	18	21.02	21.42	21.45	21.53	21.57		2	
36	37	21.08	21.43	21.41	21.37	21.59	2			
64QAM	75	0	20.95	21.32	21.35	21.36	21.52	0-2	2	
	1	0	20.73	21.04	21.14	21.24	21.19		0-2	2
	1	36	20.94	21.50	21.38	21.44	21.52			2
	1	74	21.04	21.12	21.19	21.18	21.40			0-3
	36	0	19.85	20.28	20.33	20.37	20.44		3	
	36	18	20.00	20.41	20.41	20.44	20.57		3	
256QAM	36	37	20.05	20.38	20.40	20.31	20.60	0-3	3	
	75	0	19.95	20.32	20.33	20.28	20.51		3	
	1	0	17.74	18.19	18.25	18.12	18.21		0-5	5
	1	36	18.09	18.66	18.56	18.49	18.67			5
	1	74	18.12	18.35	18.29	18.10	18.45			5
	36	0	17.81	18.29	18.32	18.33	18.41			5
36	18	18.02	18.40	18.43	18.42	18.54	5			
36	37	18.09	18.40	18.40	18.28	18.55	5			
	75	0	17.99	18.30	18.36	18.28	18.50		5	



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Table H-50
LTE Band 41 PC3 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	22.68	23.22	23.00	22.92	23.11	0	0
	1	25	22.81	23.57	23.31	23.22	23.47		0
	1	49	22.86	23.30	22.97	22.98	23.20		0
	25	0	21.79	22.47	22.28	22.23	22.35	0-1	1
	25	12	21.92	22.52	22.33	22.32	22.44		1
	25	25	21.97	22.53	22.24	22.15	22.32		1
16QAM	50	0	21.85	22.45	22.28	21.93	22.36	0-1	1
	1	0	21.65	22.15	21.99	21.92	22.12		1
	1	25	21.88	22.36	22.23	22.24	22.40		1
	1	49	21.91	22.07	21.97	21.98	22.13	0-2	1
	25	0	20.79	21.47	21.25	21.23	21.41		2
	25	12	20.91	21.58	21.33	21.33	21.48		2
64QAM	25	25	20.92	21.56	21.23	21.16	21.33	0-2	2
	50	0	20.83	21.50	21.24	21.15	21.37		2
	1	0	20.80	21.16	21.02	21.13	21.21		0-2
	1	25	20.92	21.50	21.33	21.31	21.46	2	
	1	49	20.95	21.26	21.00	21.03	21.20	2	
	256QAM	25	0	19.78	20.30	20.25	20.26	20.36	0-3
25		12	19.90	20.41	20.33	20.31	20.40	3	
25		25	19.93	20.38	20.20	20.15	20.33	3	
50		0	19.89	20.34	20.23	20.14	20.34	0-5	3
1		0	17.36	18.12	18.10	17.87	18.09		5
1		25	17.89	18.41	18.26	18.15	18.35		5
256QAM	1	49	17.63	18.17	18.29	17.86	18.15	0-5	5
	25	0	17.78	18.30	18.22	18.17	18.35		5
	25	12	17.89	18.41	18.31	18.26	18.49		5
	25	25	17.82	18.38	18.18	18.20	18.31	5	
	50	0	17.81	18.30	18.18	18.08	18.34	5	

Table H-51
LTE Band 41 PC3 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	22.79	23.30	23.15	23.19	23.32	0	0		
	1	12	22.99	23.41	23.22	23.34	23.55		0		
	1	24	22.91	23.31	23.13	23.20	23.37		0		
	16QAM	12	0	21.82	22.40	22.35	22.31	22.43	0-1	1	
		12	6	21.95	22.48	22.33	22.34	22.46		1	
		12	13	21.89	22.45	22.32	22.30	22.43		1	
64QAM		25	0	21.90	22.40	22.31	22.31	22.41	0-1	1	
		1	0	21.81	22.35	22.19	22.17	22.35		0-1	1
		1	12	21.99	22.59	22.35	22.21	22.45			1
	256QAM	1	24	21.84	22.36	22.10	22.11	22.33	0-2		1
		12	0	20.80	21.38	21.33	21.29	21.43		2	
		12	6	20.92	21.49	21.35	21.34	21.41		2	
64QAM		12	13	20.89	21.46	21.30	21.33	21.40	0-2	2	
		25	0	20.89	21.39	21.30	21.27	21.40		2	
		1	0	20.83	21.44	21.34	21.30	21.40		0-2	2
	1	12	21.04	21.47	21.32	21.37	21.46	0-3	2		
	1	24	20.95	21.46	21.22	21.22	21.37		2		
	256QAM	12	0	19.82	20.41	20.33	20.31		20.39	0-3	3
12		6	19.94	20.44	20.37	20.34	20.42	3			
12		13	19.91	20.47	20.30	20.33	20.41	3			
256QAM		25	0	19.87	20.38	20.32	20.30	20.41	0-5	3	
		1	0	17.70	18.31	18.18	18.14	18.25		0-5	5
		1	12	17.82	18.28	18.27	18.26	18.34			5
	256QAM	1	24	17.77	18.41	18.15	18.19	18.25	0-5		5
		12	0	17.79	18.37	18.29	18.25	18.41		5	
		12	6	17.91	18.41	18.28	18.30	18.45		5	
256QAM		12	13	17.85	18.45	18.25	18.26	18.41	5		
		25	0	17.84	18.41	18.26	18.29	18.39	5		



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Table H-52

LTE Band 41 PC3 Reduced Conducted Powers - Hotspot mode active - 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	20.94	21.44	21.49	21.69	21.39	0	0	
	1	36	21.08	21.64	21.52	21.46	21.69		0	
	1	74	21.27	21.49	21.59	21.19	21.81		0	
	16QAM	36	0	21.15	21.52	21.49	21.48	21.57	0-1	0
		36	18	21.19	21.59	21.59	21.56	21.68		0
		36	37	21.23	21.61	21.54	21.39	21.69		0
		64QAM	75	0	21.13	21.52	21.51	21.38	21.66	0-1
1			0	21.02	21.74	21.47	21.35	21.47	0	
1			36	21.30	21.80	21.61	21.56	22.08	0	
256QAM			1	74	21.27	21.54	21.45	21.31	21.70	0-2
	36		0	20.59	21.04	20.97	20.98	21.21	0.5	
	36		18	20.72	21.13	21.05	21.01	21.31	0.5	
	64QAM		36	37	20.73	21.11	21.03	20.92	21.30	0-2
		75	0	20.63	21.03	21.01	20.91	21.23	0.5	
		1	0	20.58	20.97	20.98	20.90	21.05	0.5	
		256QAM	1	36	20.77	21.24	21.10	21.08	21.40	0-2
1			74	20.90	20.95	20.94	20.80	21.16	0.5	
36			0	19.55	20.04	19.98	19.96	20.11	1.5	
64QAM			36	18	19.68	20.13	20.05	20.02	20.32	0-3
	36		37	19.70	20.11	20.00	20.05	20.25	1.5	
	75		0	19.59	20.03	19.97	19.92	20.21	1.5	
	256QAM		1	0	17.30	17.85	17.82	17.84	18.16	0-5
		1	36	17.84	18.41	18.01	18.19	18.23	3.5	
		1	74	17.72	17.96	17.82	17.72	18.26	3.5	
		64QAM	36	0	17.47	18.03	17.97	17.98	18.16	0-5
36			18	17.73	18.08	18.05	18.03	18.27	3.5	
36			37	17.72	18.09	18.02	17.87	18.26	3.5	
256QAM			75	0	17.62	18.03	17.98	17.90	18.23	0-5

Table H-53

LTE Band 41 PC3 Reduced Conducted Powers - Hotspot mode active - 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	21.15	21.52	21.42	21.34	21.49	0	0	
	1	25	21.30	21.90	21.66	21.65	21.78		0	
	1	49	21.26	21.59	21.33	21.31	21.47		0	
	16QAM	25	0	21.20	21.76	21.70	21.69	21.76	0-1	0
		25	12	21.35	21.86	21.80	21.75	21.87		0
		25	25	21.31	21.83	21.65	21.55	21.78		0
		64QAM	50	0	21.29	21.77	21.71	21.58	21.77	0-1
1			0	21.38	21.62	21.57	21.61	21.50	0	
1			25	21.29	21.81	21.71	21.74	21.73	0	
256QAM			1	49	21.34	21.74	21.67	21.52	21.54	0-1
	25		0	20.82	21.27	21.29	21.23	21.31	0.5	
	25		12	20.88	21.41	21.33	21.29	21.37	0.5	
	64QAM		25	25	20.86	21.32	21.25	21.14	21.31	0-2
		50	0	20.77	21.26	21.18	21.12	21.32	0.5	
		1	0	21.11	21.16	20.99	20.97	21.12	0.5	
		256QAM	1	25	21.09	21.56	21.34	21.32	21.38	0-2
1			49	21.06	21.36	21.12	21.05	21.11	0.5	
25			0	19.86	20.27	20.20	20.17	20.33	1.5	
64QAM			25	12	19.94	20.36	20.27	20.28	20.41	0-3
	25		25	19.90	20.29	20.23	20.09	20.27	1.5	
	50		0	19.82	20.28	20.18	20.11	20.33	1.5	
	256QAM		1	0	17.57	17.98	17.93	17.95	18.00	0-5
		1	25	17.92	18.32	18.26	18.22	18.45	3.5	
		1	49	17.79	18.08	17.97	18.02	18.22	3.5	
		64QAM	25	0	17.65	18.23	18.17	18.13	18.44	0-5
25			12	17.82	18.33	18.27	18.24	18.43	3.5	
25			25	17.75	18.29	18.15	18.06	18.31	3.5	
256QAM			50	0	17.74	18.23	18.14	18.04	18.33	0-5



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Table H-54

LTE Band 41 PC3 Reduced Conducted Powers - Hotspot mode active - 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	21.17	21.74	21.59	21.56	21.70	0	0	
	1	12	21.23	21.88	21.66	21.67	21.77		0	
	1	24	21.24	21.76	21.52	21.55	21.72		0	
	QPSK	12	0	21.20	21.85	21.75	21.72	21.83	0-1	0
		12	6	21.35	21.89	21.77	21.78	21.87		0
		12	13	21.34	21.91	21.68	21.72	21.83		0
16QAM		25	0	21.31	21.83	21.71	21.71	21.86	0-1	0
		1	0	21.22	21.72	21.64	21.70	21.79		0
		1	12	21.39	21.84	21.72	21.83	21.88		0
	16QAM	1	24	21.25	21.71	21.61	21.46	21.82	0-2	0
		12	0	20.78	21.32	21.25	21.26	21.29		0.5
		12	6	20.93	21.34	21.30	21.28	21.44		0.5
64QAM		12	13	20.88	21.38	21.24	21.26	21.42	0-2	0.5
		25	0	20.89	21.32	21.26	21.25	21.40		0.5
		1	0	21.10	21.41	21.23	21.24	21.34		0.5
	64QAM	1	12	21.20	21.46	21.31	21.35	21.41	0-2	0.5
		1	24	21.07	21.43	21.34	20.83	21.46		0.5
		12	0	19.82	20.32	20.25	20.23	20.45		1.5
256QAM		12	6	19.95	20.36	20.28	20.33	20.48	0-3	1.5
		12	13	19.88	20.37	20.25	20.27	20.44		1.5
		25	0	19.84	20.31	20.24	20.27	20.47		1.5
	256QAM	1	0	17.91	18.27	18.28	18.18	18.31	0-5	3.5
		1	12	18.10	18.43	18.38	18.28	18.39		3.5
		1	24	17.96	18.35	18.34	18.29	18.35		3.5
256QAM		12	0	17.85	18.30	18.23	18.22	18.33	0-5	3.5
		12	6	17.97	18.34	18.29	18.26	18.45		3.5
		12	13	17.88	18.37	18.27	18.25	18.42		3.5
	25	0	17.82	18.33	18.24	18.25	18.44	3.5		

Table H-55

LTE Band 41 PC3 Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	21.53	22.00	22.03	21.91	21.88	0	0	
	1	36	21.69	22.27	22.35	22.06	22.25		0	
	1	74	21.88	22.00	22.33	21.72	22.22		0	
	QPSK	36	0	21.66	22.19	22.32	22.10	22.21	0-1	0
		36	18	21.77	22.26	22.45	22.15	22.34		0
		36	37	21.85	22.28	22.49	22.01	22.35		0
16QAM		75	0	21.72	22.19	22.43	22.02	22.28	0-1	0
		1	0	21.54	22.09	22.15	22.04	22.03		0
		1	36	21.85	22.23	22.45	22.21	22.31		0
	16QAM	1	74	21.82	22.03	22.40	21.89	22.26	0-1	0
		36	0	20.66	21.20	21.28	21.11	21.21		1
		36	18	20.75	21.24	21.40	21.18	21.32		1
64QAM		36	37	20.83	21.26	21.38	21.07	21.33	0-2	1
		75	0	20.70	21.20	21.33	21.07	21.29		1
		1	0	20.64	21.05	21.09	21.15	21.02		1
	64QAM	1	36	20.83	21.38	21.39	21.25	21.38	0-2	1
		1	74	21.08	21.14	21.40	20.95	21.36		1
		36	0	19.66	20.19	20.25	20.14	20.19		2
256QAM		36	18	19.75	20.26	20.35	20.15	20.32	0-3	2
		36	37	19.81	20.28	20.36	20.03	20.33		2
		75	0	19.70	20.19	20.28	20.01	20.29		2
	256QAM	1	0	17.41	18.02	17.98	17.95	18.00	0-5	4
		1	36	17.72	18.29	18.26	18.10	18.31		4
		1	74	17.81	18.03	18.23	17.78	18.30		4
256QAM		36	0	17.58	18.16	18.22	18.14	18.22	0-5	4
		36	18	17.77	18.25	18.31	18.16	18.32		4
		36	37	17.85	18.24	18.34	18.02	18.33		4
	75	0	17.71	18.18	18.29	18.03	18.30	4		



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Table H-56



LTE Band 41 PC3 Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	21.80	22.18	22.20	21.95	22.15	0	0	
	1	25	21.95	22.56	22.48	22.24	22.51		0	
	1	49	22.00	22.25	22.21	21.92	22.16		0	
	16QAM	25	0	21.85	22.41	22.42	22.27	22.38	0-1	0
		25	12	21.95	22.48	22.52	22.35	22.51		0
		25	25	21.94	22.45	22.37	22.19	22.39		0
		64QAM	50	0	21.86	22.41	22.42	22.21	22.38	0-1
1			0	21.70	22.20	22.13	22.02	22.22	0	
1			25	21.85	22.47	22.36	22.25	22.44	0	
256QAM			1	49	21.87	22.24	22.06	22.01	22.15	0-2
	25		0	20.82	21.41	21.41	21.30	21.44	1	
	25		12	20.96	21.48	21.49	21.34	21.49	1	
	64QAM		25	25	20.97	21.47	21.35	21.18	21.40	0-2
		50	0	20.87	21.42	21.37	21.20	21.41	1	
		1	0	20.84	21.30	21.22	21.05	21.27	1	
		256QAM	1	25	20.91	21.58	21.45	21.35	21.48	0-2
1			49	21.01	21.31	21.10	21.02	21.23	1	
25			0	19.84	20.38	20.40	20.24	20.41	2	
64QAM			25	12	19.96	20.47	20.44	20.36	20.52	0-3
	25		25	19.94	20.44	20.34	20.18	20.36	2	
	50		0	19.85	20.40	20.33	20.20	20.42	2	
	256QAM		1	0	17.36	18.09	18.00	17.90	18.10	0-5
		1	25	17.85	18.53	18.36	18.21	18.49	4	
		1	49	17.79	18.22	18.06	17.90	18.15	4	
		64QAM	25	0	17.74	18.36	18.33	18.25	18.38	0-5
25			12	17.90	18.45	18.40	18.29	18.48	4	
25			25	17.83	18.44	18.28	18.14	18.35	4	
256QAM			50	0	17.84	18.35	18.30	18.15	18.36	0-5

Table H-57

LTE Band 41 PC3 Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 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	21.94	22.39	22.29	22.17	22.29	0	0	
	1	12	21.96	22.53	22.34	22.36	22.55		0	
	1	24	21.87	22.35	22.19	22.10	22.30		0	
	16QAM	12	0	21.81	22.46	22.47	22.30	22.44	0-1	0
		12	6	21.94	22.48	22.45	22.15	22.43		0
		12	13	21.91	22.51	22.46	22.34	22.41		0
		64QAM	25	0	21.90	22.41	22.42	22.36	22.40	0-1
1			0	21.92	22.37	22.32	22.22	22.39	0	
1			12	21.93	22.58	22.38	22.31	22.42	0	
256QAM			1	24	21.77	22.37	22.15	22.11	22.27	0-1
	12		0	20.82	21.43	21.45	21.30	21.42	1	
	12		6	20.95	21.47	21.46	21.36	21.44	1	
	64QAM		12	13	20.89	21.49	21.40	21.32	21.42	0-2
		25	0	20.90	21.41	21.41	21.32	21.40	1	
		1	0	20.89	21.50	21.44	21.25	21.41	1	
		256QAM	1	12	20.92	21.54	21.49	21.33	21.56	0-2
1			24	21.05	21.49	21.36	21.24	21.45	1	
12			0	19.83	20.40	20.42	20.27	20.49	2	
64QAM			12	6	19.93	20.43	20.48	20.30	20.44	0-3
	12		13	19.93	20.49	20.45	20.26	20.43	2	
	25		0	19.90	20.40	20.41	20.28	20.47	2	
	256QAM		1	0	17.72	18.28	18.38	18.11	18.20	0-5
		1	12	17.87	18.42	18.47	18.20	18.36	4	
		1	24	17.80	18.32	18.34	18.11	18.27	4	
		64QAM	12	0	17.77	18.41	18.44	18.22	18.42	0-5
12			6	17.90	18.44	18.47	18.25	18.46	4	
12			13	17.89	18.47	18.49	18.24	18.41	4	
256QAM			25	0	17.90	18.38	18.43	18.22	18.44	0-5

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H.2 NR Conducted Powers

H.2.1 NR Band n5

Table H-58
NR Band n5 Maximum Conducted Powers - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.34	0	0.0
	1	40	24.33		0.0
	1	77	24.26		0.0
	36	0	23.71	0-0.5	0.5
	36	22	24.17	0	0.0
	36	43	23.62	0-0.5	0.5
75	0	23.76	0.5		
DFT-s-OFDM QPSK	1	1	24.29	0	0.0
	1	40	24.26		0.0
	1	77	24.23		0.0
	36	0	23.18	0-1	1.0
	36	22	24.23	0	0.0
	36	43	23.16	0-1	1.0
75	0	23.35	1.0		
DFT-s-OFDM 16QAM	1	1	23.30	0-1	1.0
CP-OFDM QPSK	1	1	22.92	0-1.5	1.5

Table H-59
NR Band n5 Maximum Conducted Powers - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.91	0	0.0
	1	26	24.12		0.0
	1	50	24.19		0.0
	25	0	23.63	0-0.5	0.5
	25	14	24.14	0	0.0
	25	27	23.62	0-0.5	0.5
	50	0	23.65		0.5
DFT-s-OFDM QPSK	1	1	24.10	0	0.0
	1	26	24.22		0.0
	1	50	24.03		0.0
	25	0	23.13	0-1	1.0
	25	14	24.07	0	0.0
	25	27	23.15	0-1	1.0
	50	0	23.29		1.0
DFT-s-OFDM 16QAM	1	1	23.14	0-1	1.0
CP-OFDM QPSK	1	1	22.72	0-1.5	1.5



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Table H-60
NR Band n5 Maximum Conducted Powers - 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.27	24.20	24.20	0	0.0
	1	13	24.13	24.21	24.00		0.0
	1	23	24.12	24.25	24.08		0.0
	12	0	23.18	23.63	23.62	0-0.5	0.5
	12	7	24.15	24.16	24.02	0	0.0
	12	13	23.66	23.71	23.98	0-0.5	0.5
25	0	23.51	23.63	23.48	0.5		
DFT-s-OFDM QPSK	1	1	24.11	24.14	24.06	0	0.0
	1	13	24.18	24.18	24.02		0.0
	1	23	24.17	24.22	24.00		0.0
	12	0	23.13	23.23	23.11	0-1	1.0
	12	7	24.05	24.10	24.04	0	0.0
	12	13	23.14	23.10	23.85	0-1	1.0
25	0	23.15	23.25	23.05	1.0		
DFT-s-OFDM 16QAM	1	1	23.17	23.51	23.85	0-1	1.0
CP-OFDM QPSK	1	1	23.03	22.61	22.46	0-1.5	1.5

H.2.2 NR Band n66 Antenna A

Table H-61
NR Band n66 Antenna A Maximum Conducted Powers - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.47	23.56	23.44	0	0.0
	1	40	23.50	23.49	23.40		0.0
	1	77	23.54	23.51	23.43		0.0
	36	0	23.01	22.98	22.91	0-0.5	0.5
	36	22	23.49	23.47	23.24	0	0.0
	36	43	23.02	23.00	22.90	0-0.5	0.5
75	0	23.03	22.98	22.82	0.5		
DFT-s-OFDM QPSK	1	1	23.50	23.48	23.46	0	0.0
	1	40	23.51	23.51	23.47		0.0
	1	77	23.59	23.54	23.48		0.0
	36	0	22.51	22.53	22.47	0-1	1.0
	36	22	23.53	23.51	23.43	0	0.0
	36	43	22.61	22.56	22.49	0-1	1.0
75	0	22.58	22.57	22.46	1.0		
DFT-s-OFDM 16QAM	1	1	22.71	22.69	22.66	0-1	1.0
CP-OFDM QPSK	1	1	21.96	21.95	21.82	0-1.5	1.5



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Table H-62
NR Band n66 Antenna A Maximum Conducted Powers - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.23	23.56	23.32	0	0.0
	1	26	23.47	23.53	23.29		0.0
	1	50	23.29	23.38	23.43		0.0
	25	0	22.73	22.79	22.91	0-0.5	0.5
	25	14	23.46	23.30	23.18	0	0.0
	25	27	22.96	22.95	22.93	0-0.5	0.5
50	0	23.02	22.65	22.79	0.5		
DFT-s-OFDM QPSK	1	1	23.26	23.28	23.08	0	0.0
	1	26	23.29	23.30	23.06		0.0
	1	50	23.25	23.26	23.11		0.0
	25	0	22.19	22.23	22.19	0-1	1.0
	25	14	23.26	23.20	23.21	0	0.0
	25	27	22.27	22.51	22.32	0-1	1.0
50	0	22.14	22.15	22.19	1.0		
DFT-s-OFDM 16QAM	1	1	22.31	22.45	22.48	0-1	1.0
CP-OFDM QPSK	1	1	21.51	21.45	22.26	0-1.5	1.5

Table H-63
NR Band n66 Antenna A Maximum Conducted Powers - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.48	23.57	23.34	0	0.0
	1	13	23.50	23.55	23.30		0.0
	1	23	23.51	23.46	23.39		0.0
	12	0	22.98	22.94	22.92	0-0.5	0.5
	12	7	23.56	23.48	23.31	0	0.0
	12	13	23.01	22.97	22.92	0-0.5	0.5
	25	0	22.95	22.82	22.81		0.5
DFT-s-OFDM QPSK	1	1	23.47	23.42	23.34	0	0.0
	1	13	23.49	23.47	23.31		0.0
	1	23	23.43	23.52	23.30		0.0
	12	0	22.49	22.49	22.34	0-1	1.0
	12	7	23.52	23.45	23.27	0	0.0
	12	13	22.48	22.48	22.38	0-1	1.0
	25	0	22.54	22.38	22.25		1.0
DFT-s-OFDM 16QAM	1	1	22.66	22.57	22.53	0-1	1.0
CP-OFDM QPSK	1	1	21.68	21.79	21.84	0-1.5	1.5



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Table H-64

NR Band n66 Antenna A Reduced Conducted Powers - Hotspot mode active - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.89	18.95	18.85	0	0.0
	1	40	18.89	18.71	18.67		0.0
	1	77	18.83	19.03	18.79		0.0
	36	0	19.02	18.97	18.74	0-0.5	0.0
	36	22	19.03	18.90	18.70	0	0.0
	36	43	19.04	18.92	18.73	0-0.5	0.0
75	0	18.97	18.94	18.78	0.0		
DFT-s-OFDM QPSK	1	1	18.68	18.91	18.80	0	0.0
	1	40	18.74	18.71	18.77		0.0
	1	77	18.91	18.96	18.82		0.0
	36	0	19.08	18.95	18.76	0-1	0.0
	36	22	19.02	18.92	18.72	0	0.0
	36	43	19.10	19.01	18.75	0-1	0.0
75	0	19.01	18.97	18.83	0.0		
DFT-s-OFDM 16QAM	1	1	19.00	19.08	19.14	0-1	0.0
CP-OFDM QPSK	1	1	18.95	18.77	18.82	0-1.5	0.0

Table H-65

NR Band n66 Antenna A Reduced Conducted Powers - Hotspot mode active - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.92	18.89	18.62	0	0.0
	1	26	18.93	18.85	18.52		0.0
	1	50	18.99	18.89	18.60		0.0
	25	0	18.88	18.78	18.58	0-0.5	0.0
	25	14	18.88	18.81	18.50	0	0.0
	25	27	18.89	18.80	18.54	0-0.5	0.0
50	0	18.93	18.82	18.55	0.0		
DFT-s-OFDM QPSK	1	1	19.03	18.88	18.62	0	0.0
	1	26	19.07	18.83	18.58		0.0
	1	50	19.06	18.92	18.56		0.0
	25	0	18.89	18.81	18.63	0-1	0.0
	25	14	18.92	18.87	18.52	0	0.0
	25	27	18.88	18.88	18.53	0-1	0.0
50	0	18.89	18.83	18.53	0.0		
DFT-s-OFDM 16QAM	1	1	19.24	19.00	18.54	0-1	0.0
CP-OFDM QPSK	1	1	18.97	18.61	18.38	0-1.5	0.0



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Table H-66
NR Band n66 Antenna A Reduced Conducted Powers - Hotspot mode active - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.11	18.83	18.56	0	0.0
	1	13	19.01	18.75	18.70		0.0
	1	23	18.89	18.76	18.57		0.0
	12	0	18.98	18.76	18.50	0-0.5	0.0
	12	7	19.05	18.80	18.55	0	0.0
	12	13	18.95	18.71	18.56	0-0.5	0.0
25	0	18.88	18.80	18.49	0.0		
DFT-s-OFDM QPSK	1	1	19.05	18.82	18.53	0	0.0
	1	13	18.98	18.56	18.60		0.0
	1	23	18.96	18.53	18.50		0.0
	12	0	19.01	18.87	18.50	0-1	0.0
	12	7	19.01	18.81	18.45	0	0.0
	12	13	18.93	18.86	18.53	0-1	0.0
25	0	18.93	18.73	18.53	0.0		
DFT-s-OFDM 16QAM	1	1	18.96	19.06	18.75	0-1	0.0
CP-OFDM QPSK	1	1	18.86	18.63	18.82	0-1.5	0.0

Table H-67
NR Band n66 Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.34	20.40	20.23	0	0.0
	1	40	20.33	20.39	20.20		0.0
	1	77	20.42	20.49	20.31		0.0
	36	0	20.32	20.34	20.21	0-0.5	0.0
	36	22	20.27	20.28	20.13	0	0.0
	36	43	20.35	20.35	20.24	0-0.5	0.0
75	0	20.31	20.33	20.19	0.0		
DFT-s-OFDM QPSK	1	1	20.38	20.42	20.29	0	0.0
	1	40	20.35	20.37	20.32		0.0
	1	77	20.44	20.39	20.35		0.0
	36	0	20.37	20.34	20.29	0-1	0.0
	36	22	20.38	20.37	20.21	0	0.0
	36	43	20.41	20.38	20.28	0-1	0.0
75	0	20.39	20.35	20.29	0.0		
DFT-s-OFDM 16QAM	1	1	20.58	20.56	20.48	0-1	0.0
CP-OFDM QPSK	1	1	20.30	20.26	20.24	0-1.5	0.0





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Table H-68
NR Band n66 Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.37	20.33	20.19	0	0.0
	1	26	20.42	20.31	20.16		0.0
	1	50	20.38	20.35	20.25		0.0
	25	0	20.30	20.29	20.09	0-0.5	0.0
	25	14	20.33	20.30	20.05	0	0.0
	25	27	20.36	20.25	20.07	0-0.5	0.0
50	0	20.33	20.32	20.04	0.0		
DFT-s-OFDM QPSK	1	1	20.35	20.39	20.12	0	0.0
	1	26	20.39	20.38	20.19		0.0
	1	50	20.44	20.36	20.12		0.0
	25	0	20.33	20.31	20.06	0-1	0.0
	25	14	20.36	20.33	20.09	0	0.0
	25	27	20.39	20.30	20.08	0-1	0.0
50	0	20.41	20.31	20.05	0.0		
DFT-s-OFDM 16QAM	1	1	20.54	20.48	20.37	0-1	0.0
CP-OFDM QPSK	1	1	20.26	20.23	20.18	0-1.5	0.0

Table H-69
NR Band n66 Antenna A Reduced Conducted Powers -Phablet with grip sensor active, and/or Earjack active - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.35	20.31	20.03	0	0.0
	1	13	20.33	20.38	20.10		0.0
	1	23	20.29	20.36	20.09		0.0
	12	0	20.31	20.32	20.03	0-0.5	0.0
	12	7	20.35	20.34	20.07	0	0.0
	12	13	20.32	20.29	20.11	0-0.5	0.0
	25	0	20.28	20.26	20.02		0.0
DFT-s-OFDM QPSK	1	1	20.36	20.29	20.13	0	0.0
	1	13	20.30	20.30	20.06		0.0
	1	23	20.39	20.37	20.09		0.0
	12	0	20.32	20.32	20.11	0-1	0.0
	12	7	20.37	20.35	20.06	0	0.0
	12	13	20.34	20.33	20.08	0-1	0.0
	25	0	20.39	20.36	20.09		0.0
DFT-s-OFDM 16QAM	1	1	20.48	20.51	20.42	0-1	0.0
CP-OFDM QPSK	1	1	20.17	20.21	20.01	0-1.5	0.0

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H.2.3 NR Band n66 Antenna I

Table H-70
NR Band n66 Antenna I Maximum Conducted Powers - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.65	21.27	21.22	0	0.0
	1	40	21.61	21.26	21.19		0.0
	1	77	21.66	21.27	21.18		0.0
	36	0	21.54	20.98	21.07	0-0.5	0.5
	36	22	21.62	21.28	21.17	0	0.0
	36	43	21.34	21.07	21.11	0-0.5	0.5
	75	0	21.34	21.03	21.14		0.5
DFT-s-OFDM QPSK	1	1	21.62	21.27	21.25	0	0.0
	1	40	21.64	21.29	21.23		0.0
	1	77	21.65	21.26	21.21		0.0
	36	0	21.50	21.02	20.93	0-1	1.0
	36	22	21.62	21.26	21.17	0	0.0
	36	43	21.45	21.01	20.78	0-1	1.0
	75	0	21.39	21.03	20.77		1.0
DFT-s-OFDM 16QAM	1	1	21.09	20.98	21.16	0-1	1.0
CP-OFDM QPSK	1	1	21.11	20.76	20.67	0-1.5	1.5

Table H-71
NR Band n66 Antenna I Maximum Conducted Powers - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.22	21.19	21.17	0	0.0
	1	26	21.17	21.21	21.19		0.0
	1	50	21.18	21.17	21.16		0.0
	25	0	21.23	20.88	21.04	0-0.5	0.5
	25	14	21.24	21.16	21.10	0	0.0
	25	27	21.21	20.93	20.93	0-0.5	0.5
	50	0	21.13	20.95	20.86		0.5
DFT-s-OFDM QPSK	1	1	21.17	21.18	21.15	0	0.0
	1	26	21.29	21.22	21.18		0.0
	1	50	21.19	21.15	21.11		0.0
	25	0	20.92	20.88	20.64	0-1	1.0
	25	14	21.23	21.12	21.14	0	0.0
	25	27	20.91	20.87	20.68	0-1	1.0
	50	0	20.98	20.91	20.72		1.0
DFT-s-OFDM 16QAM	1	1	20.96	21.10	20.88	0-1	1.0
CP-OFDM QPSK	1	1	20.67	20.62	20.60	0-1.5	1.5



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Table H-72
NR Band n66 Antenna I Maximum Conducted Powers - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.24	21.17	21.14	0	0.0
	1	13	21.23	21.18	21.12		0.0
	1	23	21.20	21.20	21.16		0.0
	12	0	21.11	20.93	20.91	0-0.5	0.5
	12	7	21.21	21.21	21.13	0	0.0
	12	13	21.03	20.96	20.95	0-0.5	0.5
25	0	21.08	20.98	20.83	0.5		
DFT-s-OFDM QPSK	1	1	21.20	21.17	21.15	0	0.0
	1	13	21.25	21.22	21.18		0.0
	1	23	21.24	21.16	21.13		0.0
	12	0	20.98	20.88	20.81	0-1	1.0
	12	7	21.22	21.19	21.14	0	0.0
	12	13	20.87	20.89	20.88	0-1	1.0
25	0	21.02	20.91	20.90	1.0		
DFT-s-OFDM 16QAM	1	1	21.05	20.97	20.92	0-1	1.0
CP-OFDM QPSK	1	1	20.69	20.66	20.53	0-1.5	1.5

Table H-73
NR Band n66 Antenna I Reduced Conducted Powers -RCV Mode Active - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.53	18.40	18.19	0	0.0
	1	40	18.46	18.34	18.11		0.0
	1	77	18.46	18.53	18.16		0.0
	36	0	18.52	18.28	18.04	0-0.5	0.0
	36	22	18.40	18.21	18.01	0	0.0
	36	43	18.39	18.23	18.00	0-0.5	0.0
	75	0	18.44	18.29	18.06		0.0
DFT-s-OFDM QPSK	1	1	18.49	18.41	18.29	0	0.0
	1	40	18.60	18.30	18.15		0.0
	1	77	18.43	18.53	18.13		0.0
	36	0	18.54	18.38	18.01	0-1	0.0
	36	22	18.48	18.25	18.04	0	0.0
	36	43	18.44	18.27	18.11	0-1	0.0
	75	0	18.47	18.32	18.10		0.0
DFT-s-OFDM 16QAM	1	1	18.59	18.69	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.27	18.35	18.18	0-1.5	0.0





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Table H-74
NR Band n66 Antenna I Reduced Conducted Powers -RCV Mode Active - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.33	18.22	18.17	0	0.0
	1	26	18.52	18.21	18.07		0.0
	1	50	18.40	18.21	18.13		0.0
	25	0	18.25	18.26	18.09	0-0.5	0.0
	25	14	18.32	18.20	18.01	0	0.0
	25	27	18.36	18.16	17.98	0-0.5	0.0
50	0	18.31	18.20	17.98	0.0		
DFT-s-OFDM QPSK	1	1	18.27	18.45	18.16	0	0.0
	1	26	18.40	18.25	18.07		0.0
	1	50	18.21	18.20	18.15		0.0
	25	0	18.33	18.20	18.00	0-1	0.0
	25	14	18.38	18.22	18.01	0	0.0
	25	27	18.30	18.15	17.95	0-1	0.0
50	0	18.36	18.18	18.02	0.0		
DFT-s-OFDM 16QAM	1	1	18.50	18.44	18.31	0-1	0.0
CP-OFDM QPSK	1	1	18.10	18.17	18.12	0-1.5	0.0

Table H-75
NR Band n66 Antenna Reduced Conducted Powers -RCV Mode Active - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.31	18.32	18.00	0	0.0
	1	13	18.19	18.24	18.12		0.0
	1	23	18.21	18.20	17.95		0.0
	12	0	18.25	18.30	17.98	0-0.5	0.0
	12	7	18.32	18.35	17.91	0	0.0
	12	13	18.24	18.12	17.97	0-0.5	0.0
	25	0	18.32	18.18	17.95		0.0
DFT-s-OFDM QPSK	1	1	18.27	18.36	18.01	0	0.0
	1	13	18.34	18.37	17.96		0.0
	1	23	18.25	18.27	17.90		0.0
	12	0	18.27	18.37	17.98	0-1	0.0
	12	7	18.38	18.25	17.94	0	0.0
	12	13	18.37	18.31	17.95	0-1	0.0
25	0	18.26	18.20	17.96	0.0		
DFT-s-OFDM 16QAM	1	1	18.43	18.39	18.25	0-1	0.0
CP-OFDM QPSK	1	1	18.04	18.07	17.90	0-1.5	0.0

FCC ID: A3LSMS906E	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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