

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 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 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]	Designed MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.68	23.70	23.80	0	0
	1	12	23.76	23.77	23.72		0
	1	24	23.71	23.70	23.84		0
	12	0	21.75	21.75	21.85	0-1	2
	12	6	21.71	21.70	21.83		2
	12	13	21.71	21.70	21.82		2
16QAM	25	0	21.77	21.71	21.86	0-1	2
	1	0	22.28	22.13	22.30		2
	1	12	22.14	22.02	22.05		2
	1	24	22.18	22.21	22.29	0-2	2
	12	0	20.81	20.77	20.87		3
	12	6	20.79	20.80	20.86		3
64QAM	12	13	20.71	20.74	20.86	0-2	3
	25	0	20.69	20.71	20.83		3
	1	0	20.88	20.85	20.97		0-2
	1	12	20.92	20.91	20.85	3	
	1	24	20.85	20.87	20.95	0-3	
	12	0	19.70	19.70	19.81		4
12	6	19.66	19.67	19.77	4		
256QAM	12	13	19.64	19.65	19.78	0-3	4
	25	0	19.69	19.67	19.87		4
	1	0	19.70	19.81	19.95		0-5
	1	12	19.71	19.59	19.98	4	
	1	24	19.62	19.81	19.91	4	
	12	0	18.70	18.70	18.86	5	
12	6	18.70	18.74	18.82	5		
12	13	18.68	18.66	18.79	5		
256QAM	25	0	18.71	18.72	18.81	0-5	5

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Table H-2
LTE Band 12 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 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]	Designed MPR [dB]	
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	23.68	23.74	23.70	0	0	
	1	7	23.73	23.50	23.74		0	
	1	14	23.70	23.78	23.63		0	
	8	0	21.69	21.74	21.77	0-1	2	
	8	4	21.61	21.69	21.75		2	
	8	7	21.62	21.67	21.75		2	
16QAM	15	0	21.64	21.70	21.76	0-1	2	
	1	0	21.79	21.79	22.20		2	
	1	7	21.64	21.72	22.07		2	
	1	14	21.75	21.67	22.24	0-2	2	
	8	0	20.73	20.77	20.82		3	
	8	4	20.66	20.75	20.79		3	
64QAM	8	7	20.70	20.73	20.74	0-2	3	
	15	0	20.58	20.66	20.79		3	
	1	0	20.86	20.82	20.94		3	
	1	7	20.64	20.67	20.98	0-2	3	
	1	14	20.91	20.67	20.99		3	
	8	0	19.62	19.76	19.83		0-3	4
8	4	19.61	19.70	19.86	4			
8	7	19.69	19.69	19.82	4			
256QAM	15	0	19.72	19.66	19.75	0-2	4	
	1	0	19.84	19.77	20.13		0-5	4
	1	7	19.62	19.72	20.13			4
	1	14	19.69	19.50	20.09	4		
	8	0	18.64	18.75	18.90	5		
	8	4	18.66	18.69	18.83	5		
256QAM	8	7	18.61	18.69	18.83	0-5	5	
	15	0	18.71	18.68	18.84		5	

Table H-3
LTE Band 12 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active – 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]	Designed MPR [dB]	
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)			
Conducted Power [dBm]								
QPSK	1	0	23.64	23.70	23.83	0	0	
	1	2	23.32	23.80	23.58		0	
	1	5	23.63	23.68	23.82		0	
	3	0	23.71	23.72	23.89	0-1	0	
	3	2	23.58	23.69	23.77		0	
	3	3	23.60	23.72	23.72		0	
16QAM	6	0	21.59	21.64	21.75	0-1	2	
	1	0	21.79	21.70	21.81		0-1	2
	1	2	21.70	21.84	22.04			2
	1	5	21.75	21.62	21.88	0-1		2
	3	0	21.57	21.94	21.91		2	
	3	2	21.57	21.79	21.84		2	
64QAM	3	3	21.77	21.74	21.93	0-2	2	
	6	0	20.67	20.69	20.79		0-2	3
	1	0	20.76	20.74	20.67			3
	1	2	20.56	20.90	20.89	0-2		3
	1	5	20.70	20.77	20.62		3	
	3	0	20.74	20.66	20.89		3	
256QAM	3	2	20.66	20.57	20.60	0-2	3	
	3	3	20.67	20.59	20.65		3	
	6	0	19.68	19.56	19.77		0-3	4
	1	0	19.64	20.13	19.67	0-5		4
	1	2	19.57	19.77	19.85			4
	1	5	19.65	20.10	19.67		4	
3	0	19.78	19.83	19.66	0-5	4		
3	2	19.59	19.73	19.55		4		
3	3	19.61	19.75	19.52		4		
256QAM	6	0	18.63	18.59	18.62	0-5	5	

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H.1.2 LTE Band 13

Table H-4

LTE Band 13 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	Designed MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.93	0	0
	1	12	23.98		0
	1	24	23.93		0
	12	0	22.05	0-1	2
	12	6	22.05		2
	12	13	22.02		2
	25	0	22.06		2
16QAM	1	0	22.28	0-1	2
	1	12	22.18		2
	1	24	22.10		2
	12	0	21.14	0-2	3
	12	6	21.15		3
	12	13	21.07		3
	25	0	21.02		3
64QAM	1	0	21.32	0-2	3
	1	12	21.40		3
	1	24	21.24		3
	12	0	20.18	0-3	4
	12	6	20.11		4
	12	13	20.14		4
	25	0	20.09		4
256QAM	1	0	20.30	0-5	4
	1	12	20.24		4
	1	24	20.27		4
	12	0	19.12		5
	12	6	19.13		5
	12	13	19.06		5
	25	0	19.08		5

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H.1.3 LTE Band 26

Table H-5
LTE Band 26 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active – 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]	Designed MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.91	23.96	23.83	0	0
	1	25	23.93	24.04	23.87		0
	1	49	23.97	24.01	23.84		0
	25	0	21.93	22.03	21.93	0-1	2
	25	12	21.94	22.00	21.94		2
	25	25	21.93	21.96	21.93		2
	50	0	21.93	21.99	21.94		2
16QAM	1	0	22.24	22.35	21.98	0-1	2
	1	25	22.18	21.95	22.20		2
	1	49	22.11	22.38	22.33		2
	25	0	21.05	21.00	20.87	0-2	3
	25	12	20.98	21.03	21.02		3
	25	25	21.01	21.00	20.92		3
	50	0	20.96	20.99	21.00		3
64QAM	1	0	21.29	20.91	20.96	0-2	3
	1	25	21.04	20.93	21.03		3
	1	49	21.23	20.95	21.00		3
	25	0	19.97	20.11	19.99	0-3	4
	25	12	19.97	20.10	19.95		4
	25	25	19.96	20.13	19.91		4
	50	0	20.05	20.06	19.90		4
256QAM	1	0	20.18	20.01	19.84	0-5	4
	1	25	20.11	20.44	19.86		4
	1	49	20.35	20.36	20.04		4
	25	0	19.02	18.95	18.89		5
	25	12	19.00	18.96	18.85		5
	25	25	18.98	18.92	18.91		5
	50	0	18.95	19.02	18.88		5

Table H-6
LTE Band 26 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active – 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]	Designed MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.92	23.97	23.78	0	0
	1	12	23.86	24.06	23.88		0
	1	24	23.95	23.97	23.84		0
	12	0	21.95	21.97	21.90	0-1	2
	12	6	21.93	21.93	21.89		2
	12	13	21.92	21.97	21.89		2
	25	0	21.94	21.97	21.89		2
16QAM	1	0	22.21	22.34	21.97	0-1	2
	1	12	22.17	21.95	22.18		2
	1	24	22.12	22.38	22.28		2
	12	0	21.02	20.99	20.87	0-2	3
	12	6	20.97	20.99	20.98		3
	12	13	20.99	20.99	20.90		3
	25	0	20.91	20.98	20.97		3
64QAM	1	0	21.28	20.90	20.91	0-2	3
	1	12	21.01	20.92	20.98		3
	1	24	21.19	20.94	21.00		3
	12	0	19.97	20.07	19.95	0-3	4
	12	6	19.97	20.08	19.94		4
	12	13	19.97	20.10	19.89		4
	25	0	20.01	20.03	19.91		4
256QAM	1	0	20.14	19.96	19.81	0-5	4
	1	12	20.09	20.42	19.83		4
	1	24	20.32	20.38	20.03		4
	12	0	19.01	18.96	18.84		5
	12	6	18.99	18.96	18.85		5
	12	13	18.97	18.94	18.88		5
	25	0	18.95	18.99	18.89		5

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Table H-7
LTE Band 26 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active – 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]	Designed MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.93	23.96	23.82	0	0
	1	7	24.00	23.75	23.86		0
	1	14	23.94	24.01	23.76		0
	8	0	21.93	22.03	21.94	0-1	2
	8	4	21.88	21.97	21.86		2
	8	7	21.86	21.94	21.87		2
16QAM	15	0	21.88	22.00	21.88	0-1	2
	1	0	21.94	22.03	22.21		2
	1	7	21.91	22.14	22.28		2
	8	0	20.92	20.99	20.90	0-2	3
	8	4	20.96	21.00	20.93		3
	8	7	20.93	21.02	20.93		3
64QAM	15	0	20.93	20.93	20.90	0-2	3
	1	0	21.07	20.85	20.90		3
	1	7	20.99	21.07	21.05		3
	8	0	19.98	19.97	19.94	0-3	4
	8	4	19.93	20.02	19.91		4
	8	7	19.94	19.96	20.01		4
256QAM	15	0	20.05	20.01	19.86	0-3	4
	1	0	20.17	20.20	20.28		4
	1	7	19.73	20.21	20.34		4
	8	0	18.98	19.12	19.07	0-5	5
	8	4	18.96	19.04	18.96		5
	8	7	18.92	19.08	19.03		5
15	0	19.01	18.99	18.95		5	

Table H-8
LTE Band 26 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active – 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]	Designed MPR [dB]	
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)			
Conducted Power [dBm]								
QPSK	1	0	23.87	23.97	23.97	0	0	
	1	2	23.52	24.07	23.77		0	
	1	5	23.88	23.95	23.95		0	
	3	0	23.96	24.04	24.07	0-1	0	
	3	2	23.87	24.01	23.96		0	
	3	3	23.85	24.04	23.89		0	
16QAM	6	0	21.87	21.96	21.87	0-1	2	
	1	0	21.88	21.86	22.03		2	
	1	2	21.94	22.19	22.22		2	
	3	0	21.89	22.10	22.04	0-1	2	
	3	2	21.91	21.95	22.03		2	
	3	3	21.97	21.89	22.04		2	
64QAM	6	0	20.86	21.09	20.93	0-2	3	
	1	0	21.03	20.93	21.05		0-2	3
	1	2	20.71	21.16	21.20			3
	3	0	20.98	21.04	20.89	0-2		3
	3	2	20.96	20.94	20.83		3	
	3	3	20.94	20.93	21.02		3	
256QAM	6	0	20.01	19.93	19.93	0-3	4	
	1	0	19.96	20.21	19.97		0-5	4
	1	2	19.99	20.33	20.13			4
	3	0	19.86	20.04	20.18	0-5		4
	3	2	19.96	20.14	19.77		4	
	3	3	19.88	20.05	19.62		4	
6	0	18.93	18.98	18.89		5		

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H.1.4 LTE Band 5

Table H-9

LTE Band 5 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active - 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]	Designed MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.18	24.11	24.07	0	0
	1	12	24.00	23.94	24.06		0
	1	24	24.09	23.94	23.98		0
	12	0	22.28	22.03	22.06	0-1	2
	12	6	22.25	21.98	22.12		2
	12	13	22.27	22.00	22.09		2
16QAM	25	0	22.35	22.01	22.17	0-1	2
	1	0	22.51	22.14	22.18		2
	1	12	22.11	22.05	22.26		2
	1	24	22.41	22.19	22.23	0-2	2
	12	0	21.33	21.08	21.16		3
	12	6	21.36	21.08	21.16		3
64QAM	12	13	21.29	21.08	21.15	0-2	3
	25	0	21.28	21.08	21.11		3
	1	0	21.52	21.20	21.25		3
	1	12	21.61	21.00	21.50	0-3	3
	1	24	21.44	21.26	21.25		3
	12	0	20.37	20.06	20.18		4
256QAM	12	6	20.30	20.07	20.18	0-3	4
	12	13	20.33	20.09	20.16		4
	25	0	20.31	20.02	20.14		4
	1	0	20.47	20.25	20.22	0-5	4
	1	12	20.37	20.22	20.32		4
	1	24	20.36	20.24	20.20		4
256QAM	12	0	19.31	19.11	19.13	0-5	5
	12	6	19.30	19.07	19.17		5
	12	13	19.30	19.05	19.18		5
	25	0	19.33	19.04	19.14	0-5	5
	1	0	20.47	20.25	20.22		5
	1	12	20.37	20.22	20.32		5

Table H-10

LTE Band 5 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active - 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]	Designed MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.22	24.19	24.11	0	0
	1	7	24.27	23.91	23.99		0
	1	14	24.16	23.90	23.97		0
	8	0	22.29	21.96	22.10	0-1	2
	8	4	22.23	21.98	22.07		2
	8	7	22.22	21.99	22.06		2
16QAM	15	0	22.27	22.05	22.07	0-1	2
	1	0	22.45	22.22	22.29		2
	1	7	22.14	21.81	21.91		2
	1	14	22.47	22.18	22.28	0-2	2
	8	0	21.34	21.08	21.12		3
	8	4	21.32	21.05	21.15		3
64QAM	8	7	21.29	21.10	21.14	0-2	3
	15	0	21.31	21.11	21.15		3
	1	0	21.43	21.25	21.33		0-3
	1	7	21.58	21.34	21.47	3	
	1	14	21.37	21.27	21.28	3	
	256QAM	8	0	20.31	20.08	20.11	0-3
8		4	20.30	20.08	20.16	4	
8		7	20.30	20.08	20.18	4	
15		0	20.35	20.09	20.17	0-5	4
1		0	20.40	20.20	20.28		4
1		7	20.17	20.30	20.29		4
256QAM	1	14	20.40	20.18	20.16	0-5	4
	8	0	19.35	19.09	19.16		5
	8	4	19.28	19.02	19.08		5
	8	7	19.35	19.06	19.14	0-5	5
	15	0	19.33	19.07	19.11		5
	1	0	20.40	20.20	20.28		5

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Table H-11
LTE Band 5 (Cell) Measured P_{Max} or Free, RCV Active, Hotspot Mode, or Earjack Active –
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]	Designed MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.18	24.23	24.21	0	0
	1	2	24.27	24.01	23.96		0
	1	5	24.19	23.91	24.00		0
	3	0	24.19	23.64	24.02		0
	3	2	24.22	23.95	23.99		0
	3	3	24.12	23.87	23.96		0
16QAM	1	0	22.27	21.99	22.07	0-1	2
	1	2	22.46	22.13	22.20	0-1	2
	1	5	22.41	21.98	22.22		2
	3	0	22.36	22.02	22.14		2
	3	2	22.29	22.09	22.13		2
	3	3	22.29	22.06	22.07		2
6	0	21.29	21.18	21.05	0-2		3
64QAM	1	0	21.41	21.19	21.27	0-2	3
	1	2	21.44	21.24	21.38		3
	1	5	21.32	21.17	21.30		3
	3	0	21.32	21.14	21.14		3
	3	2	21.31	21.08	21.14		3
	3	3	21.26	20.95	21.11		3
256QAM	1	0	20.32	20.01	20.12	0-3	4
	1	2	20.48	20.23	20.14	0-5	4
	1	5	20.43	20.14	20.28		4
	3	0	20.43	20.18	20.21		4
	3	2	20.33	20.15	20.16		4
	3	3	20.31	20.07	20.07		4
6	0	19.27	18.99	19.12	5		

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H.1.5 LTE Band 66 Antenna A

Table H-12
LTE Band 66 Antenna A (AWS) Measured P_{Max} for RCV 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	23.48	23.42	23.46	0	0
	1	36	23.35	23.33	23.28		0
	1	74	23.42	23.38	23.28		0
	36	0	22.59	22.49	22.44	0-1	1
	36	18	22.59	22.47	22.41		1
	36	37	22.55	22.44	22.39		1
16QAM	75	0	22.59	22.49	22.43	0-1	1
	1	0	22.60	22.67	22.53		1
	1	36	22.47	22.32	22.45		1
	1	74	22.49	22.52	22.37	0-2	1
	36	0	21.55	21.48	21.34		2
	36	18	21.48	21.40	21.35		2
64QAM	36	37	21.47	21.43	21.33	0-2	2
	75	0	21.53	21.44	21.37		2
	1	0	21.67	21.55	21.47		2
	1	36	21.54	21.45	21.42	0-3	2
	1	74	21.58	21.53	21.35		2
	36	0	20.51	20.53	20.42		3
256QAM	36	18	20.52	20.50	20.44	0-3	3
	36	37	20.53	20.50	20.43		3
	75	0	20.54	20.45	20.42		3
	1	0	18.71	18.72	18.64	0-5	5
	1	36	18.67	18.58	18.51		5
	1	74	18.72	18.59	18.48		5
36	0	18.59	18.51	18.50	5		
36	18	18.55	18.52	18.47	5		
36	37	18.58	18.53	18.50	5		
75	0	18.58	18.50	18.45	5		

Table H-13
LTE Band 66 Antenna A (AWS) Measured P_{Max} for RCV 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	23.40	23.42	23.40	0	0
	1	25	23.31	23.21	23.21		0
	1	49	23.41	23.36	23.23		0
	25	0	22.66	22.53	22.42	0-1	1
	25	12	22.59	22.52	22.41		1
	25	25	22.57	22.48	22.44		1
16QAM	50	0	22.67	22.56	22.46	0-1	1
	1	0	22.49	22.65	22.33		1
	1	25	22.47	22.45	22.27		1
	1	49	22.49	22.52	22.43	0-2	1
	25	0	21.56	21.52	21.36		2
	25	12	21.60	21.50	21.39		2
64QAM	25	25	21.58	21.46	21.39	0-2	2
	50	0	21.65	21.57	21.44		2
	1	0	21.50	21.62	21.47		2
	1	25	21.44	21.44	21.32	0-3	2
	1	49	21.53	21.54	21.36		2
	25	0	20.55	20.50	20.41		3
256QAM	25	12	20.54	20.48	20.39	0-3	3
	25	25	20.50	20.47	20.40		3
	50	0	20.58	20.62	20.50		3
	1	0	18.64	18.59	18.54	0-5	5
	1	25	18.45	18.51	18.38		5
	1	49	18.63	18.54	18.42		5
25	0	18.60	18.52	18.43	5		
25	12	18.59	18.51	18.44	5		
25	25	18.57	18.48	18.38	5		
50	0	18.60	18.46	18.39	5		

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Table H-14
LTE Band 66 Antenna A (AWS) Measured P_{Max} for RCV 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	23.50	23.49	23.50	0	0		
	1	12	23.48	23.54	23.33		0		
	1	24	23.37	23.40	23.26		0		
	QPSK	12	0	22.48	22.39	22.26	0-1	1	
		12	6	22.43	22.41	22.28		1	
		12	13	22.45	22.41	22.28		1	
		25	0	22.62	22.47	22.39		1	
25		0	22.60	22.50	22.32	1			
16QAM	1	12	22.49	22.60	22.47	0-1	1		
	1	24	22.51	22.45	22.27		1		
	12	0	21.41	21.43	21.26		2		
	16QAM	12	6	21.45	21.47	21.25	0-2	2	
		12	13	21.45	21.44	21.23		2	
		25	0	21.52	21.51	21.36		2	
		25	0	21.54	21.54	21.43		2	
1		12	21.55	21.51	21.50	2			
64QAM	1	24	21.52	21.46	21.32	0-2	2		
	12	0	20.46	20.45	20.27		3		
	12	6	20.45	20.46	20.30		3		
	64QAM	12	13	20.41	20.43	20.26	0-3	3	
		25	0	20.55	20.54	20.38		3	
		1	0	18.60	18.60	18.44		0-5	5
		1	12	18.61	18.69	18.45			5
1	24	18.65	18.48	18.39	5				
12	0	18.56	18.45	18.37	5				
12	6	18.54	18.46	18.32	5				
12	13	18.51	18.44	18.35	5				
25	0	18.54	18.46	18.38	5				

Table H-15
LTE Band 66 Antenna A (AWS) Measured P_{Max} for RCV 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	23.48	23.51	23.49	0	0	
	1	7	23.47	23.45	23.29		0	
	1	14	23.41	23.36	23.21		0	
	QPSK	8	0	22.47	22.43	22.29	0-1	1
		8	4	22.46	22.35	22.24		1
		8	7	22.42	22.40	22.19		1
		15	0	22.47	22.37	22.23		1
15		0	22.45	22.43	22.33	1		
16QAM	1	7	22.56	22.56	22.29	0-1	1	
	1	14	22.46	22.53	22.31		1	
	8	0	21.45	21.37	21.19		2	
	16QAM	8	4	21.43	21.39	21.16	0-2	2
		8	7	21.43	21.40	21.21		2
		15	0	21.44	21.45	21.20		2
		15	0	21.56	21.54	21.29		2
64QAM	1	7	21.52	21.40	21.21	0-2	2	
	1	14	21.48	21.50	21.25		2	
	8	0	20.38	20.40	20.21		3	
	64QAM	8	4	20.42	20.42	20.19	0-3	3
		8	7	20.47	20.48	20.21		3
		15	0	20.39	20.38	20.23		3
		15	0	20.39	20.38	20.23		3
256QAM	1	0	18.65	18.58	18.33	0-5	5	
	1	7	18.62	18.54	18.28		5	
	1	14	18.65	18.44	18.31		5	
	8	0	18.58	18.50	18.33		5	
	8	4	18.48	18.42	18.27		5	
	8	7	18.60	18.53	18.39		5	
	15	0	18.53	18.49	18.30		5	

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Table H-16
LTE Band 66 Antenna A (AWS) Measured P_{Max} for RCV 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	23.61	23.58	23.50	0	0
	1	2	23.70	23.77	23.55		0
	1	5	23.65	23.64	23.46		0
	3	0	23.72	23.59	23.38		0
	3	2	23.75	23.71	23.55		0
	3	3	23.65	23.57	23.37		0
16QAM	6	0	22.69	22.59	22.45	0-1	1
	1	0	22.88	22.66	22.52	0-1	1
	1	2	22.83	22.62	22.57		1
	1	5	22.83	22.68	22.54		1
	3	0	22.75	22.65	22.42		1
	3	2	22.75	22.78	22.48		1
3	3	22.68	22.63	22.40	1		
64QAM	6	0	21.68	21.64	21.39	0-2	2
	1	0	21.73	21.70	21.54	0-2	2
	1	2	21.88	21.75	21.67		2
	1	5	21.76	21.72	21.49		2
	3	0	21.73	21.66	21.46		2
	3	2	21.75	21.72	21.51		2
3	3	21.66	21.62	21.35	2		
256QAM	6	0	20.72	20.64	20.42	0-3	3
	1	0	18.83	18.82	18.71	0-5	5
	1	2	19.00	18.99	18.92		5
	1	5	18.96	18.76	18.69		5
	3	0	18.84	18.67	18.53		5
	3	2	18.84	18.77	18.75		5
3	3	18.81	18.67	18.55	5		
	6	0	18.76	18.63	18.59		5

Table H-17
LTE Band 66 Antenna A (AWS) Measured P_{Limit} for Free, Hotspot Mode, 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	18.78	18.69	18.71	0	0	
	1	36	18.65	18.64	18.57		0	
	1	74	18.74	18.67	18.60		0	
	36	0	18.87	18.51	18.76		0	
	36	18	18.87	18.79	18.71		0	
	36	37	18.84	18.80	18.67		0	
16QAM	75	0	18.89	18.85	18.73	0-1	0	
	1	0	18.87	18.88	18.87		0	
	1	36	18.78	18.88	18.82		0	
	1	74	18.90	18.81	18.81		0	
	36	0	18.80	18.79	18.74		0	
	36	18	18.77	18.74	18.71		0	
64QAM	36	37	18.83	18.77	18.65	0-2	0	
	75	0	18.83	18.76	18.71		0	
	1	0	18.87	18.96	18.71		0	
	1	36	18.78	18.76	18.64		0	
	1	74	18.84	18.76	18.73		0	
	36	0	18.78	18.81	18.74		0	
256QAM	36	18	18.76	18.78	18.71	0-3	0	
	36	37	18.79	18.75	18.66		0	
	75	0	18.81	18.73	18.69		0	
	1	0	18.95	18.91	18.78		0-5	0.5
	1	36	18.89	18.82	18.69			0.5
	1	74	18.98	18.90	18.78			0.5
36	0	18.82	18.80	18.77	0.5			
36	18	18.84	18.77	18.69	0.5			
36	37	18.85	18.72	18.65	0.5			
	75	0	18.82	18.74	18.66		0.5	

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Table H-18
LTE Band 66 Antenna A (AWS) Measured P_{Limit} for Free, Hotspot Mode, 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	18.65	18.61	18.63	0	0
	1	25	18.52	18.59	18.47		0
	1	49	18.65	18.61	18.50		0
	25	0	18.92	18.80	18.74	0-1	0
	25	12	18.93	18.82	18.76		0
	25	25	18.92	18.81	18.72		0
16QAM	50	0	18.88	18.86	18.80	0-1	0
	1	0	18.85	18.89	18.80		0
	1	25	18.78	18.90	18.66		0
	1	49	18.81	18.89	18.81	0-2	0
	25	0	18.88	18.78	18.71		0
	25	12	18.88	18.79	18.72		0
64QAM	25	25	18.85	18.74	18.70	0-2	0
	50	0	18.89	18.84	18.76		0
	1	0	18.89	18.84	18.88		0-2
	1	25	18.75	18.75	18.63	0	
	1	49	18.86	18.82	18.71	0	
	256QAM	25	0	18.79	18.75	18.66	0-3
25		12	18.77	18.78	18.65	0	
25		25	18.76	18.72	18.61	0	
50		0	18.87	18.82	18.77	0-5	0
1		0	18.91	18.92	18.88		0.5
1		25	18.88	18.81	18.74		0.5
256QAM	1	49	18.93	18.83	18.80	0-5	0.5
	25	0	18.89	18.75	18.66		0.5
	25	12	18.78	18.74	18.66		0.5
	25	25	18.81	18.75	18.61	0.5	
	50	0	18.79	18.74	18.66	0.5	

Table H-19
LTE Band 66 Antenna A (AWS) Measured P_{Limit} for Free, Hotspot Mode, 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	18.66	18.62	18.62	0	0
	1	12	18.75	18.71	18.59		0
	1	24	18.69	18.66	18.51		0
	12	0	18.76	18.73	18.56	0-1	0
	12	6	18.72	18.73	18.55		0
	12	13	18.72	18.70	18.56		0
16QAM	25	0	18.89	18.79	18.72	0-1	0
	1	0	18.82	18.84	18.74		0
	1	12	18.90	18.95	18.70		0
	1	24	18.89	18.88	18.61	0-2	0
	12	0	18.71	18.72	18.57		0
	12	6	18.72	18.70	18.56		0
64QAM	12	13	18.66	18.72	18.51	0-2	0
	25	0	18.77	18.74	18.62		0
	1	0	18.76	18.77	18.61		0-2
	1	12	18.75	18.83	18.60	0	
	1	24	18.80	18.81	18.66	0-3	
	12	0	18.65	18.65	18.56		0
12	6	18.64	18.69	18.49	0		
256QAM	12	13	18.65	18.65	18.46	0-3	0
	25	0	18.76	18.73	18.59		0
	1	0	18.89	18.84	18.66		0-5
	1	12	18.98	18.97	18.88	0.5	
	1	24	18.86	18.90	18.67	0.5	
	12	0	18.84	18.75	18.67	0.5	
12	6	18.76	18.77	18.64	0.5		
12	13	18.80	18.77	18.61	0.5		
25	0	18.84	18.75	18.62	0.5		

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Table H-20
LTE Band 66 Antenna A (AWS) Measured P_{Limit} for Free, Hotspot Mode, 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	18.65	18.66	18.64	0	0	
	1	7	18.85	18.70	18.55		0	
	1	14	18.57	18.67	18.44		0	
	QPSK	8	0	18.70	18.67	18.53	0-1	0
		8	4	18.67	18.61	18.47		0
		8	7	18.70	18.71	18.51		0
		15	0	18.70	18.69	18.48		0
15		0	18.78	18.86	18.64	0		
16QAM	1	0	18.82	18.89	18.66	0-1	0	
	1	7	18.82	18.89	18.66		0	
	1	14	18.69	18.80	18.64		0	
	16QAM	8	0	18.69	18.70	18.51	0-2	0
		8	4	18.65	18.69	18.48		0
		8	7	18.67	18.68	18.50		0
		15	0	18.65	18.66	18.44		0
15		0	18.78	18.86	18.64	0		
64QAM	1	0	18.72	18.74	18.58	0-2	0	
	1	7	18.82	18.71	18.54		0	
	1	14	18.66	18.70	18.57		0	
	64QAM	8	0	18.59	18.65	18.43	0-3	0
		8	4	18.63	18.63	18.44		0
		8	7	18.56	18.65	18.40		0
		15	0	18.62	18.66	18.39		0
256QAM	1	0	18.89	18.88	18.65	0-5	0.5	
	1	7	18.73	18.86	18.71		0.5	
	1	14	18.89	18.72	18.67		0.5	
	8	0	18.86	18.82	18.73		0.5	
	8	4	18.77	18.69	18.58		0.5	
	8	7	18.86	18.82	18.65		0.5	
	15	0	18.79	18.79	18.66		0.5	

Table H-21
LTE Band 66 Antenna A (AWS) Measured P_{Limit} for Free, Hotspot Mode, 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	18.61	18.66	18.63	0	0	
	1	2	18.75	18.72	18.58		0	
	1	5	18.60	18.62	18.44		0	
	QPSK	3	0	18.68	18.64	18.45	0-1	0
		3	2	18.72	18.66	18.52		0
		3	3	18.63	18.62	18.45		0
		6	0	18.66	18.67	18.48		0
16QAM	1	0	18.75	18.73	18.55	0-1	0	
	1	2	18.88	18.85	18.85		0	
	1	5	18.72	18.86	18.56		0	
	16QAM	3	0	18.68	18.72	18.52	0-2	0
		3	2	18.65	18.71	18.43		0
		3	3	18.67	18.60	18.42		0
		6	0	18.67	18.66	18.46		0
64QAM	1	0	18.69	18.70	18.50	0-2	0	
	1	2	18.70	18.75	18.57		0	
	1	5	18.76	18.66	18.46		0	
	64QAM	3	0	18.67	18.72	18.53	0-3	0
		3	2	18.68	18.65	18.53		0
		3	3	18.56	18.63	18.45		0
		6	0	18.58	18.64	18.43		0
256QAM	1	0	18.91	18.84	18.73	0-5	0.5	
	1	2	18.77	18.95	18.67		0.5	
	1	5	18.82	18.76	18.71		0.5	
	3	0	18.75	18.80	18.60		0.5	
	3	2	18.77	18.79	18.63		0.5	
	3	3	18.83	18.75	18.63		0.5	
	6	0	18.76	18.74	18.53		0.5	

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H.1.6 LTE Band 66 Antenna F

Table H-22
LTE Band 66 Antenna F (AWS) Measured P_{Limit} for Free, RCV Active, Hotspot Mode 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	15.48	15.35	15.70	0	0
	1	36	15.59	15.46	15.64		0
	1	74	15.71	15.66	15.71		0
	36	0	15.77	15.67	15.77	0-1	0
	36	18	15.82	15.64	15.76		0
	36	37	15.77	15.66	15.77		0
	75	0	15.76	15.69	15.75		0
16QAM	1	0	15.92	15.84	15.96	0-1	0
	1	36	15.91	15.80	15.76		0
	1	74	15.98	15.79	15.91		0
	36	0	15.78	15.63	15.69	0-2	0
	36	18	15.75	15.62	15.70		0
	36	37	15.76	15.65	15.64		0
	75	0	15.75	15.63	15.66		0
64QAM	1	0	15.99	15.90	15.97	0-2	0
	1	36	15.87	15.78	15.76		0
	1	74	15.88	15.74	15.85		0
	36	0	15.77	15.65	15.78	0-3	0
	36	18	15.78	15.67	15.80		0
	36	37	15.79	15.69	15.82		0
	75	0	15.75	15.66	15.76		0
256QAM	1	0	15.88	15.76	15.92	0-5	0
	1	36	15.79	15.72	15.79		0
	1	74	15.85	15.73	15.89		0
	36	0	15.78	15.70	15.79	0-5	0
	36	18	15.80	15.62	15.76		0
	36	37	15.76	15.64	15.75		0
	75	0	15.77	15.67	15.75		0

Table H-23
LTE Band 66 Antenna F (AWS) Measured P_{Limit} for Free, RCV Active, Hotspot Mode 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	15.42	15.61	15.24	0	0
	1	25	15.48	15.38	15.57		0
	1	49	15.52	15.54	15.66		0
	25	0	15.58	15.62	15.76	0-1	0
	25	12	15.62	15.66	15.71		0
	25	25	15.61	15.66	15.71		0
	50	0	15.64	15.67	15.70		0
16QAM	1	0	15.91	15.90	15.90	0-1	0
	1	25	15.84	15.75	15.82		0
	1	49	15.92	15.90	15.84		0
	25	0	15.71	15.64	15.75	0-2	0
	25	12	15.71	15.69	15.73		0
	25	25	15.78	15.67	15.72		0
	50	0	15.78	15.64	15.72		0
64QAM	1	0	15.83	15.85	15.84	0-2	0
	1	25	15.85	15.72	15.80		0
	1	49	15.95	15.78	15.87		0
	25	0	15.69	15.60	15.68	0-3	0
	25	12	15.68	15.64	15.70		0
	25	25	15.74	15.61	15.72		0
	50	0	15.76	15.68	15.79		0
256QAM	1	0	15.89	15.79	15.89	0-5	0
	1	25	15.78	15.78	15.76		0
	1	49	15.96	15.79	15.81		0
	25	0	15.71	15.66	15.77	0-5	0
	25	12	15.75	15.61	15.71		0
	25	25	15.77	15.67	15.70		0
	50	0	15.78	15.58	15.71		0

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Table H-24
LTE Band 66 Antenna F (AWS) Measured P_{Limit} for Free, RCV Active, Hotspot Mode 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	15.29	15.84	15.86	0	0
	1	12	15.42	15.25	15.39		0
	1	24	15.43	15.37	15.50		0
	12	0	15.48	15.40	15.56	0-1	0
	12	6	15.53	15.40	15.55		0
	12	13	15.48	15.44	15.53		0
16QAM	25	0	15.52	15.43	15.58	0-1	0
	1	0	15.73	15.56	15.79		0
	1	12	15.73	15.47	15.77		0
	1	24	15.64	15.54	15.73	0-2	0
	12	0	15.53	15.41	15.56		0
	12	6	15.57	15.44	15.63		0
64QAM	12	13	15.54	15.47	15.62	0-2	0
	25	0	15.57	15.45	15.62		0
	1	0	15.62	15.50	15.74		0-3
	1	12	15.60	15.52	15.73	0	
	1	24	15.71	15.53	15.82	0	
	12	0	15.55	15.49	15.57	0-3	0
12	6	15.56	15.44	15.60	0		
12	13	15.56	15.46	15.63	0		
256QAM	25	0	15.51	15.45	15.57	0-5	0
	1	0	15.59	15.58	15.77		0
	1	12	15.62	15.50	15.74		0
	1	24	15.66	15.58	15.78	0-5	0
	12	0	15.54	15.46	15.60		0
	12	6	15.56	15.43	15.63		0
256QAM	12	13	15.56	15.42	15.58	0-5	0
	25	0	15.57	15.45	15.57		0
	1	0	15.62	15.50	15.74		0-5
	1	12	15.66	15.58	15.78	0	
	12	0	15.54	15.46	15.60	0	
	12	6	15.56	15.43	15.63	0	
12	13	15.56	15.42	15.58	0		
25	0	15.57	15.45	15.57	0		

Table H-25
LTE Band 66 Antenna F (AWS) Measured P_{Limit} for Free, RCV Active, Hotspot Mode 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	15.41	15.55	15.79	0	0	
	1	7	15.39	15.30	15.37		0	
	1	14	15.47	15.34	15.43		0	
	8	0	15.45	15.36	15.51	0-1	0	
	8	4	15.41	15.35	15.51		0	
	8	7	15.49	15.43	15.48		0	
16QAM	15	0	15.47	15.43	15.55	0-1	0	
	1	0	15.67	15.57	15.61		0	
	1	7	15.58	15.55	15.62		0	
	1	14	15.67	15.62	15.63	0-2	0	
	8	0	15.48	15.41	15.58		0	
	8	4	15.52	15.42	15.59		0	
64QAM	8	7	15.56	15.47	15.57	0-2	0	
	15	0	15.50	15.39	15.59		0	
	1	0	15.65	15.54	15.71		0-2	0
	1	7	15.65	15.52	15.64	0		
	1	14	15.63	15.56	15.71	0		
	8	0	15.56	15.37	15.56	0-3	0	
8	4	15.48	15.34	15.50	0			
8	7	15.54	15.41	15.63	0			
256QAM	15	0	15.54	15.43	15.61	0-3	0	
	1	0	15.63	15.53	15.67		0-5	0
	1	7	15.57	15.49	15.59			0
	1	14	15.62	15.56	15.60	0-5		0
	8	0	15.56	15.41	15.57		0	
	8	4	15.54	15.40	15.61		0	
256QAM	8	7	15.56	15.45	15.60	0-5	0	
	8	4	15.54	15.40	15.61		0	
	8	7	15.56	15.45	15.60		0	
	15	0	15.50	15.35	15.52	0		

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Table H-26
LTE Band 66 Antenna F (AWS) Measured P_{Limit} for Free, RCV Active, Hotspot Mode 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	15.47	15.41	15.62	0	0
	1	2	15.50	15.33	15.49		0
	1	5	15.47	15.34	15.51		0
	3	0	15.54	15.39	15.59		0
	3	2	15.55	15.41	15.59		0
	3	3	15.53	15.43	15.59		0
	6	0	15.52	15.46	15.61		0
16QAM	1	0	15.78	15.51	15.69	0-1	0
	1	2	15.89	15.63	15.80		0
	1	5	15.85	15.68	15.77		0
	3	0	15.62	15.53	15.72		0
	3	2	15.62	15.51	15.73		0
	3	3	15.63	15.59	15.66		0
	6	0	15.60	15.51	15.70		0
64QAM	1	0	15.62	15.56	15.81	0-2	0
	1	2	15.72	15.65	15.88		0
	1	5	15.73	15.62	15.77		0
	3	0	15.65	15.50	15.76		0
	3	2	15.67	15.55	15.68		0
	3	3	15.61	15.56	15.64		0
	6	0	15.62	15.59	15.65		0
256QAM	1	0	15.71	15.54	15.75	0-3	0
	1	2	15.71	15.60	15.79		0
	1	5	15.62	15.62	15.70		0
	3	0	15.65	15.51	15.67		0
	3	2	15.58	15.50	15.68		0
	3	3	15.55	15.53	15.65		0
	6	0	15.64	15.48	15.65		0

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H.1.7 LTE Band 4 Antenna F

Table H-27
LTE Band 4 (AWS) Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack 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	16.10	16.43	16.28	0	0
	1	36	16.01	16.35	16.23		0
	1	74	16.08	16.42	16.29		0
	36	0	16.15	16.34	16.36	0-1	0
	36	18	16.13	16.31	16.35		0
	36	37	16.17	16.35	16.33		0
	75	0	16.14	16.32	16.33		0
16QAM	1	0	16.24	16.53	16.62	0-1	0
	1	36	16.17	16.45	16.54		0
	1	74	16.24	16.51	16.58		0
	36	0	16.19	16.31	16.31	0-2	0
	36	18	16.18	16.30	16.33		0
	36	37	16.19	16.31	16.33		0
	75	0	16.15	16.32	16.32		0
64QAM	1	0	16.19	16.41	16.44	0-2	0
	1	36	16.08	16.34	16.34		0
	1	74	16.15	16.47	16.40		0
	36	0	16.21	16.36	16.38	0-3	0
	36	18	16.23	16.35	16.37		0
	36	37	16.21	16.33	16.33		0
	75	0	16.16	16.32	16.31		0
256QAM	1	0	16.27	16.60	16.69	0-5	0
	1	36	16.19	16.53	16.61		0
	1	74	16.28	16.60	16.68		0
	36	0	16.13	16.30	16.39	0-5	0
	36	18	15.92	16.30	16.36		0
	36	37	16.14	16.31	16.36		0
	75	0	16.14	16.33	16.33		0

Table H-28
LTE Band 4 (AWS) Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack 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	16.06	16.25	16.33	0	0
	1	25	16.01	16.29	16.30		0
	1	49	16.11	16.31	16.26		0
	25	0	16.14	16.30	16.31	0-1	0
	25	12	16.15	16.31	16.30		0
	25	25	16.13	16.30	16.29		0
	50	0	16.12	16.30	16.32		0
16QAM	1	0	16.25	16.45	16.69	0-1	0
	1	25	16.12	16.37	16.66		0
	1	49	16.15	16.39	16.72		0
	25	0	16.13	16.36	16.34	0-2	0
	25	12	16.13	16.24	16.32		0
	25	25	16.15	16.36	16.31		0
	50	0	16.14	16.31	16.29		0
64QAM	1	0	16.02	16.38	16.37	0-2	0
	1	25	15.92	16.31	16.16		0
	1	49	16.25	16.30	16.21		0
	25	0	16.21	16.37	16.33	0-3	0
	25	12	16.20	16.37	16.32		0
	25	25	16.21	16.36	16.30		0
	50	0	16.17	16.32	16.31		0
256QAM	1	0	16.27	16.50	16.70	0-5	0
	1	25	16.16	16.44	16.62		0
	1	49	16.25	16.49	16.33		0
	25	0	16.22	16.38	16.39	0-5	0
	25	12	16.20	16.38	16.37		0
	25	25	16.19	16.38	16.37		0
	50	0	16.14	16.32	16.36		0

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Table H-29
LTE Band 4 (AWS) Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack 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	16.13	16.29	16.28	0	0
	1	12	16.10	16.20	16.08		0
	1	24	16.17	16.30	16.30		0
	12	0	16.18	16.30	16.35	0-1	0
	12	6	16.14	16.29	16.33		0
	12	13	16.18	16.30	16.35		0
16QAM	25	0	16.17	16.29	16.34	0-1	0
	1	0	16.55	16.55	16.62		0
	1	12	16.28	16.40	16.46		0
	1	24	16.51	16.58	16.52	0-2	0
	12	0	16.19	16.36	16.37		0
	12	6	16.19	16.31	16.37		0
64QAM	12	13	16.20	16.35	16.37	0-2	0
	25	0	16.18	16.29	16.33		0
	1	0	16.56	16.57	16.27		0-2
	1	12	16.42	16.57	16.24	0	
	1	24	16.44	16.58	16.26	0	
	256QAM	12	0	16.16	16.33	16.34	0-3
12		6	16.15	16.30	16.31	0	
12		13	16.16	16.31	16.30	0	
25		0	16.19	16.31	16.32	0-5	0
1		0	16.41	16.35	16.31		0
1		12	16.29	16.30	16.24		0
256QAM	1	24	16.33	16.00	16.21	0-5	0
	12	0	16.25	16.32	16.40		0
	12	6	15.87	16.31	16.38		0
	12	13	16.26	16.30	16.37	0	
	25	0	16.18	16.33	16.35	0	

Table H-30
LTE Band 4 (AWS) Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack 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	16.19	16.33	16.31	0	0
	1	7	16.14	16.12	16.25		0
	1	14	16.20	16.36	16.23		0
	8	0	16.25	16.34	16.40	0-1	0
	8	4	16.17	16.31	16.38		0
	8	7	16.17	16.29	16.34		0
16QAM	15	0	16.15	16.30	16.36	0-1	0
	1	0	16.42	16.52	16.74		0
	1	7	16.35	16.34	16.49		0
	1	14	16.37	16.45	16.77	0-2	0
	8	0	16.25	16.37	16.50		0
	8	4	16.20	16.31	16.52		0
64QAM	8	7	16.21	16.31	16.43	0-2	0
	15	0	16.21	16.35	16.38		0
	1	0	16.09	16.37	16.35		0-3
	1	7	15.86	16.31	16.20	0	
	1	14	16.16	16.28	16.40	0	
	8	0	16.25	16.38	16.47	0-5	0
8	4	16.24	16.40	16.41	0		
8	7	16.21	16.38	16.43	0		
256QAM	15	0	16.27	16.33	16.27	0-5	0
	1	0	16.25	16.50	16.74		0
	1	7	16.12	16.33	16.61		0
	1	14	16.16	16.49	16.67	0	
	8	0	16.32	16.29	16.51	0	
	8	4	16.28	16.28	16.44	0	
8	7	16.26	16.27	16.43	0		
15	0	16.31	16.35	16.39	0		

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Table H-31
LTE Band 4 (AWS) Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack 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	16.18	16.33	16.46	0	0
	1	2	16.13	16.30	16.30		0
	1	5	16.19	16.28	16.44		0
	3	0	16.20	16.22	16.38		0
	3	2	16.13	16.19	16.25		0
	3	3	16.15	16.36	16.36		0
16QAM	6	0	16.19	16.35	16.43	0-1	0
	1	0	16.23	16.22	16.50	0-1	0
	1	2	16.30	16.34	16.53		0
	1	5	16.29	16.24	16.57		0
	3	0	16.16	16.32	16.39		0
	3	2	16.21	16.29	16.41		0
3	3	16.29	16.22	16.42	0		
64QAM	6	0	16.22	16.36	16.59	0-2	0
	1	0	16.23	16.27	16.62	0-2	0
	1	2	16.38	16.38	16.41		0
	1	5	16.16	16.38	16.57		0
	3	0	16.24	16.23	16.52		0
	3	2	16.19	16.19	16.39		0
3	3	16.26	16.25	16.55	0		
256QAM	6	0	16.26	16.34	16.43	0-3	0
	1	0	16.21	16.54	16.55	0-5	0
	1	2	16.07	16.61	16.56		0
	1	5	16.22	16.49	16.56		0
	3	0	16.28	16.45	16.32		0
	3	2	16.07	16.41	16.24		0
3	3	16.39	16.37	16.36	0		
	6	0	16.21	16.37	16.37		0

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H.1.8 LTE Band 2 Antenna A

Table H-32
LTE Band 2 (PCS) Antenna A Measured P_{Max} for RCV Active – 15 MHz Bandwidth

LTE Band 2 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18675 (1857.5 MHz)	18900 (1880.0 MHz)	19125 (1902.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.44	23.46	23.41	0	0
	1	36	23.34	23.30	23.48		0
	1	74	23.42	23.36	23.50		0
	36	0	22.59	22.55	22.76	0-1	1
	36	18	22.57	22.54	22.72		1
	36	37	22.56	22.53	22.66		1
16QAM	75	0	22.66	22.57	22.74	0-1	1
	1	0	22.78	22.72	22.92		1
	1	36	22.50	22.55	22.54		1
	1	74	22.78	22.55	22.60	0-2	1
	36	0	21.52	21.57	21.69		2
	36	18	21.56	21.56	21.66		2
64QAM	36	37	21.57	21.55	21.62	0-2	2
	75	0	21.55	21.51	21.68		2
	1	0	21.61	21.65	21.80		2
	1	36	21.51	21.60	21.65	0-3	2
	1	74	21.72	21.52	21.65		2
	36	0	20.57	20.57	20.69		3
256QAM	36	18	20.58	20.53	20.69	0-3	3
	36	37	20.60	20.50	20.61		3
	75	0	20.54	20.48	20.66		3
	1	0	18.68	18.72	18.91	0-5	5
	1	36	18.63	18.57	18.68		5
	1	74	18.69	18.54	18.71		5
36	0	18.64	18.59	18.72	5		
36	18	18.60	18.58	18.67	5		
36	37	18.58	18.51	18.66	5		
75	0	18.59	18.53	18.64	5		

Table H-33
LTE Band 2 (PCS) Antenna A Measured P_{Max} for RCV Active – 10 MHz Bandwidth

LTE Band 2 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18650 (1855.0 MHz)	18900 (1880.0 MHz)	19150 (1905.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.51	23.54	23.49	0	0
	1	25	23.28	23.27	23.30		0
	1	49	23.34	23.33	23.41		0
	25	0	22.63	22.56	22.69	0-1	1
	25	12	22.60	22.59	22.69		1
	25	25	22.56	22.58	22.72		1
16QAM	50	0	22.68	22.65	22.72	0-1	1
	1	0	22.73	22.69	22.75		1
	1	25	22.43	22.45	22.47		1
	1	49	22.68	22.46	22.52	0-2	1
	25	0	21.57	21.53	21.65		2
	25	12	21.59	21.56	21.61		2
64QAM	25	25	21.55	21.54	21.60	0-2	2
	50	0	21.61	21.65	21.65		2
	1	0	21.67	21.72	21.82		0-3
	1	25	21.50	21.59	21.53	2	
	1	49	21.48	21.53	21.54	2	
	256QAM	25	0	20.62	20.55	20.66	0-3
25		12	20.57	20.54	20.62	3	
25		25	20.52	20.48	20.57	3	
50		0	20.60	20.62	20.66	0-5	3
1		0	18.63	18.75	18.81		5
1		25	18.51	18.50	18.65		5
256QAM	1	49	18.58	18.61	18.62	0-5	5
	25	0	18.58	18.56	18.64		5
	25	12	18.53	18.49	18.57		5
	25	25	18.53	18.47	18.57	0-5	5
	50	0	18.54	18.52	18.61		5

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Table H-34
LTE Band 2 (PCS) Antenna A Measured P_{Max} for RCV Active – 5 MHz Bandwidth

LTE Band 2 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			18625 (1852.5 MHz)	18900 (1880.0 MHz)	19175 (1907.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.48	23.52	23.50	0	0	
	1	12	23.45	23.39	23.41		0	
	1	24	23.35	23.38	23.46		0	
	QPSK	12	0	22.48	22.50	22.51	0-1	1
		12	6	22.44	22.46	22.54		1
		12	13	22.48	22.50	22.50		1
		25	0	22.68	22.60	22.68		1
25		0	22.59	22.64	22.55	1		
16QAM	1	0	22.59	22.66	22.59	0-1	1	
	1	12	22.59	22.66	22.59		1	
	1	24	22.50	22.55	22.62		1	
	16QAM	12	0	21.49	21.47	21.49	0-2	2
		12	6	21.43	21.45	21.46		2
		12	13	21.41	21.49	21.49		2
		25	0	21.62	21.55	21.57		2
25		0	21.46	21.68	21.62	2		
64QAM	1	0	21.46	21.68	21.62	0-2	2	
	1	12	21.56	21.73	21.62		2	
	1	24	21.58	21.51	21.54		2	
	64QAM	12	0	20.47	20.50	20.45	0-3	3
		12	6	20.44	20.48	20.45		3
		12	13	20.41	20.47	20.46		3
		25	0	20.54	20.52	20.57		3
25		0	20.47	20.52	20.57	3		
256QAM	1	0	18.69	18.69	18.69	0-5	5	
	1	12	18.65	18.69	18.63		5	
	1	24	18.54	18.59	18.71		5	
	12	0	18.53	18.53	18.54		5	
	12	6	18.52	18.51	18.52		5	
	12	13	18.54	18.51	18.55		5	
	25	0	18.52	18.48	18.57		5	

Table H-35
LTE Band 2 (PCS) Antenna A Measured P_{Max} for RCV Active – 3 MHz Bandwidth

LTE Band 2 (PCS) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			18615 (1851.5 MHz)	18900 (1880.0 MHz)	19185 (1908.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.51	23.39	23.46	0	0	
	1	7	23.56	23.44	23.41		0	
	1	14	23.27	23.30	23.39		0	
	QPSK	8	0	22.41	22.46	22.48	0-1	1
		8	4	22.43	22.41	22.46		1
		8	7	22.43	22.47	22.49		1
		15	0	22.48	22.48	22.50		1
15		0	22.48	22.48	22.50	1		
16QAM	1	0	22.49	22.57	22.61	0-1	1	
	1	7	22.66	22.71	22.73		1	
	1	14	22.43	22.64	22.53		1	
	16QAM	8	0	21.45	21.48	21.51	0-2	2
		8	4	21.39	21.48	21.47		2
		8	7	21.46	21.51	21.49		2
		15	0	21.44	21.46	21.44		2
15		0	21.44	21.46	21.44	2		
64QAM	1	0	21.62	21.55	21.48	0-2	2	
	1	7	21.42	21.57	21.55		2	
	1	14	21.47	21.57	21.53		2	
	64QAM	8	0	20.38	20.42	20.43	0-3	3
		8	4	20.39	20.38	20.41		3
		8	7	20.39	20.42	20.46		3
		15	0	20.39	20.42	20.46		3
15		0	20.39	20.42	20.46	3		
256QAM	1	0	18.62	18.55	18.66	0-5	5	
	1	7	18.85	18.62	18.68		5	
	1	14	18.56	18.53	18.57		5	
	8	0	18.56	18.50	18.52		5	
	8	4	18.42	18.43	18.48		5	
	8	7	18.53	18.47	18.56		5	
	15	0	18.49	18.50	18.52		5	

Table H-36
LTE Band 2 (PCS) Antenna A Measured P_{Max} for RCV Active – 1.4 MHz Bandwidth

LTE Band 2 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18607 (1850.7 MHz)	18900 (1880.0 MHz)	19193 (1909.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.50	23.51	23.42	0	0
	1	2	23.49	23.52	23.45		0
	1	5	23.34	23.37	23.40		0
	3	0	23.50	23.47	23.55		0
	3	2	23.47	23.49	23.57		0
	3	3	23.39	23.36	23.44		0
16QAM	1	0	22.46	22.47	22.45	0-1	1
	1	2	22.47	22.64	22.62		1
	1	5	22.76	22.82	22.74	0-1	1
	1	5	22.53	22.57	22.42		1
	3	0	22.55	22.52	22.54		1
	3	2	22.53	22.58	22.60		1
3	3	22.46	22.50	22.51	1		
6	0	21.45	21.46	21.50	0-2	2	
64QAM	1	0	21.58	21.58	21.47	0-2	2
	1	2	21.62	21.82	21.60		2
	1	5	21.65	21.54	21.61		2
	3	0	21.52	21.57	21.49		2
	3	2	21.53	21.58	21.53		2
	3	3	21.40	21.48	21.44		2
256QAM	6	0	20.49	20.38	20.39	0-3	3
	1	0	18.64	18.61	18.62	0-5	5
	1	2	18.63	18.84	18.60		5
	1	5	18.54	18.50	18.58		5
	3	0	18.44	18.51	18.49		5
	3	2	18.54	18.54	18.52		5
3	3	18.54	18.43	18.53	5		
	6	0	18.46	18.43	18.54		5

Table H-37
LTE Band 2 (PCS) Antenna A Measured P_{Limit} for Free Hotspot Mode, or Earjack Active – 15 MHz Bandwidth

LTE Band 2 (PCS) 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			18675 (1857.5 MHz)	18900 (1880.0 MHz)	19125 (1902.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	18.68	18.66	18.67	0	0	
	1	36	18.59	18.50	18.70		0	
	1	74	18.62	18.61	18.68		0	
	36	0	18.76	18.71	18.90		0-1	0
	36	18	18.74	18.76	18.88			0
	36	37	18.73	18.70	18.82			0
16QAM	75	0	18.75	18.73	18.88	0-1	0	
	1	0	18.83	18.91	19.17		0	
	1	36	18.86	18.73	18.86		0-2	0
	1	74	18.93	18.79	18.86			0
	36	0	18.70	18.73	18.88			0
	36	18	18.69	18.70	18.82			0
36	37	18.72	18.66	18.75	0			
75	0	18.70	18.66	18.82	0			
64QAM	1	0	18.85	18.90	19.02	0-2	0	
	1	36	18.67	18.86	18.82		0	
	1	74	18.86	18.71	18.78		0-3	0
	36	0	18.71	18.72	18.90			0
	36	18	18.74	18.72	18.84			0
	36	37	18.73	18.63	18.79			0
75	0	18.72	18.64	18.81	0			
256QAM	1	0	18.96	18.84	19.02	0-5	0.5	
	1	36	18.72	18.72	18.88		0.5	
	1	74	18.80	18.79	18.93		0.5	
	36	0	18.82	18.72	18.98		0.5	
	36	18	18.76	18.74	18.92		0.5	
	36	37	18.79	18.72	18.88		0.5	
	75	0	18.80	18.73	18.87		0.5	

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Table H-38
LTE Band 2 (PCS) Antenna A Measured P_{Limit} for Free Hotspot Mode, or Earjack Active – 10 MHz Bandwidth

LTE Band 2 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18650 (1855.0 MHz)	18900 (1880.0 MHz)	19150 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.86	18.76	18.79	0	0
	1	25	18.52	18.51	18.57		0
	1	49	18.61	18.58	18.63		0
	25	0	18.85	18.73	18.84	0-1	0
	25	12	18.79	18.72	18.87		0
	25	25	18.78	18.72	18.83		0
16QAM	50	0	18.84	18.80	18.90	0-1	0
	1	0	18.89	18.96	18.88		0
	1	25	18.68	18.75	18.83		0
	1	49	18.80	18.73	18.78	0-2	0
	25	0	18.78	18.76	18.81		0
	25	12	18.77	18.72	18.80		0
64QAM	25	25	18.72	18.68	18.78	0-2	0
	50	0	18.82	18.81	18.88		0
	1	0	18.90	18.88	18.96		0-2
	1	25	18.69	18.73	18.70	0	
	1	49	18.72	18.73	18.82	0	
	256QAM	25	0	18.74	18.73	18.79	0-3
25		12	18.73	18.71	18.78	0	
25		25	18.69	18.67	18.72	0	
50		0	18.80	18.80	18.85	0-5	0
1		0	18.85	18.93	19.06		0.5
1		25	18.83	18.73	18.80		0.5
256QAM	1	49	18.89	18.75	18.83	0-5	0.5
	25	0	18.79	18.77	18.82		0.5
	25	12	18.75	18.71	18.82		0.5
	25	25	18.77	18.70	18.82	0.5	
	50	0	18.80	18.74	18.84	0.5	

Table H-39
LTE Band 2 (PCS) Antenna A Measured P_{Limit} for Free Hotspot Mode, or Earjack Active - 5 MHz Bandwidth

LTE Band 2 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18625 (1852.5 MHz)	18900 (1880.0 MHz)	19175 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.69	18.82	18.74	0	0
	1	12	18.84	18.79	18.74		0
	1	24	18.63	18.64	18.64		0
	12	0	18.69	18.68	18.73	0-1	0
	12	6	18.67	18.68	18.71		0
	12	13	18.64	18.68	18.69		0
16QAM	25	0	18.82	18.79	18.86	0-1	0
	1	0	18.73	18.85	18.81		0
	1	12	18.84	18.95	18.84		0
	1	24	18.81	18.85	18.78	0-2	0
	12	0	18.69	18.67	18.73		0
	12	6	18.66	18.70	18.66		0
64QAM	12	13	18.65	18.66	18.66	0-2	0
	25	0	18.74	18.72	18.76		0
	1	0	18.75	18.84	18.88		0-2
	1	12	18.78	18.87	18.82	0	
	1	24	18.79	18.73	18.78	0-3	
	12	0	18.63	18.68	18.65		0
12	6	18.58	18.64	18.64	0		
256QAM	12	13	18.59	18.62	18.60	0-3	0
	25	0	18.70	18.69	18.72		0
	1	0	18.83	18.81	18.80		0-5
	1	12	18.88	18.67	18.92	0.5	
	1	24	18.84	18.88	18.89	0.5	
	256QAM	12	0	18.79	18.75	18.76	0-5
12		6	18.73	18.71	18.73	0.5	
12		13	18.74	18.72	18.75	0.5	
25		0	18.75	18.75	18.76	0.5	

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Table H-40

LTE Band 2 (PCS) Antenna A Measured P_{Limit} for Free Hotspot Mode, or Earjack Active - 3 MHz Bandwidth

LTE Band 2 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18615 (1851.5 MHz)	18900 (1880.0 MHz)	19185 (1908.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.64	18.59	18.71	0	0
	1	7	18.81	18.35	18.73		0
	1	14	18.61	18.60	18.57		0
	8	0	18.70	18.67	18.71	0-1	0
	8	4	18.68	18.68	18.67		0
	8	7	18.69	18.67	18.67		0
	15	0	18.68	18.68	18.71		0
16QAM	1	0	18.83	18.83	18.72	0-1	0
	1	7	18.67	18.77	18.79		0
	1	14	18.80	18.80	18.75		0
	8	0	18.67	18.65	18.66	0-2	0
	8	4	18.60	18.67	18.68		0
	8	7	18.62	18.65	18.66		0
	15	0	18.64	18.68	18.62		0
64QAM	1	0	18.72	18.85	18.65	0-2	0
	1	7	18.81	18.89	18.74		0
	1	14	18.70	18.71	18.70		0
	8	0	18.61	18.64	18.61	0-3	0
	8	4	18.62	18.63	18.57		0
	8	7	18.62	18.61	18.63		0
	15	0	18.60	18.66	18.61		0
256QAM	1	0	18.81	18.80	18.76	0-5	0.5
	1	7	18.82	18.69	18.90		0.5
	1	14	18.68	18.78	18.88		0.5
	8	0	18.82	18.73	18.77		0.5
	8	4	18.67	18.65	18.71		0.5
	8	7	18.74	18.76	18.76		0.5
	15	0	18.74	18.70	18.77		0.5

Table H-41

LTE Band 2 (PCS) Antenna A Measured P_{Limit} for Free Hotspot Mode, or Earjack Active – 1.4 MHz Bandwidth

LTE Band 2 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18607 (1850.7 MHz)	18900 (1880.0 MHz)	19193 (1909.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.63	18.52	18.62	0	0
	1	2	18.55	18.71	18.72		0
	1	5	18.63	18.63	18.65		0
	3	0	18.69	18.65	18.69	0-1	0
	3	2	18.74	18.72	18.70		0
	3	3	18.64	18.65	18.58		0
	6	0	18.66	18.66	18.65		0
16QAM	1	0	18.75	18.81	18.75	0-1	0
	1	2	18.94	18.99	18.88		0
	1	5	18.73	18.80	18.82		0
	3	0	18.78	18.77	18.66	0-2	0
	3	2	18.79	18.73	18.74		0
	3	3	18.68	18.64	18.58		0
64QAM	1	0	18.63	18.66	18.66	0-2	0
	1	2	18.76	18.76	18.76		0
	1	5	18.74	18.82	18.68		0
	3	0	18.69	18.68	18.79	0-3	0
	3	2	18.67	18.76	18.71		0
	3	3	18.76	18.67	18.66		0
	6	0	18.65	18.63	18.62		0
256QAM	1	0	18.61	18.64	18.63	0-5	0
	1	2	18.84	18.75	18.87		0.5
	1	5	18.90	18.79	18.75		0.5
	3	0	18.69	18.67	18.70		0.5
	3	2	18.77	18.75	18.79		0.5
	3	3	18.76	18.66	18.69		0.5
	6	0	18.75	18.67	18.70		0.5

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H.1.9 LTE Band 2 Antenna F

Table H-42
LTE Band 2 (PCS) Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 15 MHz Bandwidth

LTE Band 2 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18675 (1857.5 MHz)	18900 (1880.0 MHz)	19125 (1902.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.95	17.01	17.10	0	0
	1	36	16.88	16.89	17.31		0
	1	74	16.96	16.90	17.35		0
	36	0	17.09	17.10	17.51	0-1	0
	36	18	17.07	17.07	17.50		0
	36	37	17.04	17.00	17.44		0
	75	0	17.10	17.06	17.49		0
16QAM	1	0	17.30	17.19	17.85	0-1	0
	1	36	17.18	17.17	17.56		0
	1	74	17.23	17.16	17.46		0
	36	0	17.09	17.07	17.54	0-2	0
	36	18	17.07	17.05	17.52		0
	36	37	17.09	16.98	17.41		0
	75	0	17.03	17.00	17.46		0
64QAM	1	0	17.24	17.24	17.80	0-2	0
	1	36	17.06	17.08	17.63		0
	1	74	17.20	17.23	17.61		0
	36	0	17.13	17.09	17.52	0-3	0
	36	18	17.13	17.12	17.47		0
	36	37	17.08	17.03	17.44		0
	75	0	17.08	17.01	17.50		0
256QAM	1	0	17.18	17.20	17.68	0-5	0
	1	36	17.06	17.04	17.47		0
	1	74	17.06	17.09	17.52		0
	36	0	17.11	17.09	17.54	0-5	0
	36	18	17.09	17.08	17.47		0
	36	37	17.09	17.04	17.45		0
	75	0	17.08	17.05	17.48		0

Table H-43
LTE Band 2 (PCS) Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 10 MHz Bandwidth

LTE Band 2 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18650 (1855.0 MHz)	18900 (1880.0 MHz)	19150 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.00	16.99	17.03	0	0
	1	25	16.91	16.82	17.27		0
	1	49	17.03	16.94	17.45		0
	25	0	17.09	17.06	17.49	0-1	0
	25	12	17.11	17.01	17.51		0
	25	25	17.08	16.98	17.45		0
	50	0	17.08	17.05	17.52		0
16QAM	1	0	17.28	17.31	17.82	0-1	0
	1	25	17.25	17.17	17.58		0
	1	49	17.27	17.25	17.66		0
	25	0	17.09	17.10	17.50	0-2	0
	25	12	17.08	17.06	17.44		0
	25	25	17.11	17.05	17.47		0
	50	0	17.09	17.08	17.50		0
64QAM	1	0	17.08	17.26	17.61	0-2	0
	1	25	17.14	17.09	17.52		0
	1	49	17.26	17.30	17.64		0
	25	0	17.06	17.05	17.51	0-3	0
	25	12	17.09	16.99	17.50		0
	25	25	17.08	16.95	17.47		0
	50	0	17.11	17.04	17.50		0
256QAM	1	0	17.23	17.19	17.60	0-5	0
	1	25	17.14	17.12	17.40		0
	1	49	17.20	17.06	17.55		0
	25	0	17.09	17.03	17.54	0-5	0
	25	12	17.11	17.03	17.51		0
	25	25	17.13	16.98	17.50		0
	50	0	17.08	17.04	17.50		0

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Table H-44
LTE Band 2 (PCS) Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 5 MHz Bandwidth

LTE Band 2 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			18625 (1852.5 MHz)	18900 (1880.0 MHz)	19175 (1907.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	17.00	17.01	17.03	0	0	
	1	12	17.12	17.07	17.48		0	
	1	24	17.06	16.92	17.44		0	
	QPSK	12	0	17.05	16.99	17.44	0-1	0
		12	6	17.06	16.99	17.46		0
		12	13	17.06	16.98	17.45		0
		25	0	17.08	17.00	17.48		0
25		0	17.08	16.98	17.46	0		
16QAM	1	0	17.24	17.13	17.64	0-1	0	
	1	12	17.15	17.22	17.52		0	
	1	24	17.27	17.22	17.61		0	
	16QAM	12	0	17.13	17.03	17.48	0-2	0
		12	6	17.12	17.06	17.50		0
		12	13	17.09	17.04	17.47		0
		25	0	17.12	17.04	17.42		0
64QAM	1	0	17.20	17.19	17.54	0-2	0	
	1	12	17.24	17.22	17.61		0	
	1	24	17.24	17.30	17.38		0	
	64QAM	12	0	17.08	17.05	17.48	0-3	0
		12	6	17.08	17.04	17.47		0
		12	13	17.10	16.97	17.40		0
		25	0	17.05	16.99	17.44		0
256QAM	1	0	17.10	17.33	17.52	0-5	0	
	1	12	17.06	17.30	17.42		0	
	1	24	17.21	17.02	17.47		0	
	12	0	17.06	16.98	17.40		0	
	12	6	17.05	16.99	17.43		0	
	12	13	17.05	17.00	17.42		0	
	25	0	17.08	16.98	17.46		0	

Table H-45
LTE Band 2 (PCS) Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 3 MHz Bandwidth

LTE Band 2 (PCS) 3 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]		
			18615 (1851.5 MHz)	18900 (1880.0 MHz)	19185 (1908.5 MHz)				
Conducted Power [dBm]									
QPSK	1	0	17.03	17.01	17.10	0	0		
	1	7	17.14	17.03	17.44		0		
	1	14	17.05	16.91	17.37		0		
	QPSK	8	0	17.09	17.00	17.40	0-1	0	
		8	4	17.06	16.98	17.37		0	
		8	7	17.08	17.01	17.43		0	
		15	0	17.09	17.02	17.48		0	
16QAM	1	0	17.27	17.21	17.64	0-1	0		
	1	7	16.99	17.20	17.35		0		
	1	14	17.27	17.16	17.70		0		
	16QAM	8	0	17.12	17.04	17.44	0-2	0	
		8	4	17.09	17.03	17.46		0	
		8	7	17.14	17.05	17.46		0	
64QAM	15	0	17.06	17.03	17.42	0-2	0		
	1	0	17.32	17.13	17.54		0		
	1	7	17.36	17.40	17.64		0		
	1	14	17.22	17.17	17.53		0		
	64QAM	8	0	17.02	17.02		17.41	0-3	0
		8	4	17.03	17.00		17.43		0
		8	7	17.08	17.00		17.41		0
15		0	17.11	17.02	17.42	0			
256QAM	1	0	17.14	17.20	17.57	0-5	0		
	1	7	17.05	17.07	17.53		0		
	1	14	17.20	17.12	17.52		0		
	8	0	17.06	17.02	17.40		0		
	8	4	17.06	17.02	17.38		0		
	8	7	17.06	17.02	17.38		0		
	15	0	17.03	17.02	17.39		0		

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Table H-46
LTE Band 2 (PCS) Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
1.4 MHz Bandwidth

LTE Band 2 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			18607 (1850.7 MHz)	18900 (1880.0 MHz)	19193 (1909.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	17.01	17.03	17.01	0	0
	1	2	17.07	16.91	17.41		0
	1	5	17.04	16.97	17.45		0
	3	0	17.07	16.98	17.41		0
	3	2	17.14	17.02	17.42		0
	3	3	17.08	16.88	17.33		0
16QAM	6	0	17.09	16.97	17.40	0-1	0
	1	0	17.38	17.21	17.67	0-1	0
	1	2	17.31	17.14	17.47		0
	1	5	17.35	17.26	17.52		0
	3	0	17.17	17.09	17.44		0
	3	2	17.13	17.01	17.50		0
3	3	17.09	16.87	17.52	0		
64QAM	6	0	17.11	17.00	17.50	0-2	0
	1	0	17.24	17.15	17.62	0-2	0
	1	2	17.33	17.18	17.62		0
	1	5	17.28	17.23	17.66		0
	3	0	17.07	17.02	17.41		0
	3	2	17.15	17.07	17.38		0
3	3	17.14	16.99	17.36	0		
256QAM	6	0	17.06	17.01	17.36	0-3	0
	1	0	17.08	17.20	17.43	0-5	0
	1	2	17.19	17.09	17.55		0
	1	5	17.21	17.05	17.49		0
	3	0	17.16	17.02	17.54		0
	3	2	17.09	17.06	17.47		0
3	3	17.10	17.00	17.45	0		
	6	0	17.08	16.95	17.38		0

H.1.10 LTE Band 41

Table H-47
LTE Band 41 PC3 Measured P_{Max} for RCV 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]	Designed 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	24.59	24.70	24.24	24.20	24.37	0	0	
	1	36	24.50	24.63	24.14	24.11	24.29		0	
	1	74	24.61	24.72	24.24	24.23	24.22		0	
	36	0	22.56	22.82	22.40	22.19	22.45	0-1	2	
	36	18	22.54	22.79	22.40	22.15	22.44		2	
	36	37	22.53	22.78	22.39	22.16	22.43		2	
16QAM	75	0	22.51	22.77	22.35	22.12	22.43	0-1	2	
	1	0	21.88	22.22	21.99	21.79	21.93		0-1	2
	1	36	21.91	22.13	21.89	21.89	21.85			2
	1	74	22.00	22.17	21.79	21.96	21.96	0-2		2
	36	0	21.52	21.59	21.33	21.16	21.32		3	
	36	18	21.50	21.59	21.35	21.14	21.31		3	
64QAM	36	37	21.51	21.62	21.33	21.15	21.34	0-2	3	
	75	0	21.43	21.64	21.26	21.09	21.25		3	
	1	0	21.18	21.28	21.07	21.21	21.27		0-2	3
	1	36	21.17	21.16	21.00	21.30	21.20	3		
	1	74	21.34	21.23	21.10	21.39	21.28	3		
	256QAM	36	0	20.44	20.54	20.45	20.15	20.15	0-3	4
36		18	20.46	20.52	20.43	20.16	20.18	4		
36		37	20.48	20.55	20.42	20.15	20.20	4		
75		0	20.34	20.52	20.21	20.03	20.19	0-5	4	
1		0	20.58	20.46	20.65	19.86	20.52		4	
1		36	20.47	20.37	20.55	19.82	20.44		4	
256QAM	1	74	20.60	20.48	20.65	19.87	20.50	0-5	4	
	36	0	19.43	19.65	19.18	18.97	19.22		5	
	36	18	19.39	19.63	19.14	18.99	19.17		5	
	36	37	19.39	19.58	19.23	18.99	19.14	0-5	5	
	75	0	19.52	19.65	19.24	19.18	19.26		5	

Table H-48
LTE Band 41 PC3 Measured P_{Max} for RCV 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]	Designed 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	24.78	24.96	23.98	24.06	24.32	0	0	
	1	25	24.71	24.87	23.92	23.96	24.23		0	
	1	49	24.81	24.97	24.10	24.09	24.20		0	
	25	0	22.88	22.99	22.11	22.11	22.37	0-1	2	
	25	12	22.83	22.94	22.08	22.08	22.33		2	
	25	25	22.83	22.96	22.08	22.09	22.33		2	
16QAM	50	0	22.86	23.00	22.14	22.10	22.38	0-1	2	
	1	0	22.37	22.28	22.07	21.93	22.03		0-1	2
	1	25	22.26	22.16	21.96	21.94	21.91			2
	1	49	22.32	22.26	22.07	21.93	22.00	0-2		2
	25	0	21.77	21.91	20.95	21.07	21.25		3	
	25	12	21.74	21.69	20.94	21.04	21.23		3	
64QAM	25	25	21.75	21.89	20.93	21.02	21.22	0-2	3	
	50	0	21.82	21.86	21.13	21.09	21.23		3	
	1	0	21.78	21.39	20.86	21.06	20.87		0-2	3
	1	25	21.72	21.27	20.80	20.99	20.74	0-3		3
	1	49	21.78	21.34	20.86	21.05	20.88			3
	25	0	20.67	20.78	19.92	19.96	20.17		0-3	4
25	12	20.64	20.77	19.90	19.93	20.15	4			
25	25	20.65	20.76	19.90	19.95	20.13	4			
256QAM	50	0	20.81	20.72	19.96	20.11	20.33	0-5	4	
	1	0	20.81	20.73	20.49	20.25	20.52		0-5	4
	1	25	20.72	20.65	20.39	20.19	20.45			4
	1	49	20.83	20.76	20.47	20.28	20.51	0-5		4
	25	0	19.81	19.82	19.21	19.11	19.18		5	
	25	12	19.80	19.74	19.21	19.08	19.14		5	
256QAM	25	25	19.81	19.80	19.20	19.09	19.16	0-5	5	
	50	0	19.91	19.79	19.01	19.08	19.29		5	

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Table H-49
LTE Band 41 PC3 Measured P_{Max} for RCV 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]	Designed 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	24.81	24.93	23.86	24.16	24.35	0	0
	1	12	24.77	24.99	23.80	24.19	24.39		0
	1	24	24.86	24.96	24.05	24.19	24.20		0
	12	0	22.71	22.93	22.07	22.06	22.38	0-1	2
	12	6	22.76	22.93	22.09	22.08	22.34		2
	12	13	22.73	22.91	22.06	22.07	22.34		2
16QAM	25	0	22.70	22.93	22.04	22.02	22.32	0-1	2
	1	0	22.32	22.22	21.98	21.84	21.64		2
	1	12	22.58	22.40	21.76	21.83	21.91		2
	1	24	22.30	22.21	21.82	21.93	21.63	0-2	2
	12	0	21.56	21.86	20.81	20.93	21.46		3
	12	6	21.59	21.76	20.80	20.95	21.45		3
64QAM	12	13	21.56	21.89	20.80	20.93	21.45	0-2	3
	25	0	21.69	21.75	20.95	21.04	21.20		3
	1	0	21.63	21.21	20.63	21.05	20.76		3
	1	12	21.68	21.19	20.79	21.08	20.75	0-2	3
	1	24	21.60	21.18	20.63	21.06	20.77		3
	12	0	20.82	20.72	19.91	20.09	20.32		4
256QAM	12	6	20.86	20.71	19.92	20.11	20.29	0-3	4
	12	13	20.83	20.00	19.89	20.08	20.32		4
	25	0	20.66	20.73	19.85	19.99	20.13		4
	1	0	20.72	20.92	20.13	20.16	20.56	0-5	4
	1	12	20.96	20.39	20.33	20.32	20.53		4
	1	24	20.75	20.93	20.13	20.18	20.56		4
12	0	19.76	19.70	18.76	19.05	19.11	5		
12	6	19.77	19.70	18.78	19.03	19.13	5		
12	13	19.77	19.68	18.76	19.04	19.11	5		
25	0	19.44	19.71	18.89	18.69	19.06	5		

Table H-50
LTE Band 41 PC3 Measured P_{Limit} for Free Hotspot Mode, 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	21.73	21.80	21.62	21.33	21.45	0	0	
	1	36	21.67	21.71	21.55	21.29	21.37		0	
	1	74	21.80	21.78	21.63	21.42	21.48		0	
	36	0	21.88	21.82	21.62	21.45	21.54	0-1	0	
	36	18	21.89	21.85	21.63	21.48	21.57		0	
	36	37	21.88	21.87	21.67	21.49	21.54		0	
16QAM	75	0	21.91	21.90	21.68	21.49	21.55	0-1	0	
	1	0	21.85	21.97	21.60	21.12	21.62		0	
	1	36	21.77	21.93	21.53	21.01	21.58		0	
	64QAM	1	74	21.86	22.01	21.66	21.12	21.65	0-1	0
		36	0	21.24	21.29	20.99	20.85	20.99		1
		36	18	21.27	21.24	21.01	20.84	20.97		1
36		37	21.26	21.25	21.00	20.88	20.98	0-2	1	
75		0	21.29	21.22	21.06	20.88	20.94		1	
256QAM	1	0	21.31	21.39	21.03	20.46	20.56	0-2	1	
	1	36	21.27	21.23	20.97	20.41	20.46		1	
	1	74	21.39	21.34	21.09	20.55	20.54		1	
	36	0	20.27	20.25	20.01	19.88	19.90	0-3	2	
	36	18	20.28	20.22	20.01	19.86	19.87		2	
	36	37	20.26	20.22	20.02	19.86	19.85		2	
256QAM	75	0	20.24	20.22	19.98	19.81	19.89	0-5	2	
	1	0	20.25	20.30	20.25	19.50	19.72		2	
	1	36	20.19	20.16	20.13	19.43	19.62		2	
	1	74	20.29	20.28	20.23	19.57	19.69	0-5	2	
	36	0	19.19	19.14	19.02	18.83	18.76		3	
	36	18	19.16	19.10	18.99	18.83	18.76		3	
36	37	19.18	19.14	19.03	18.81	18.74	3			
75	0	19.18	19.17	18.95	18.76	18.84	3			

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Table H-51
LTE Band 41 PC3 Measured P_{Limit} for Free Hotspot Mode, 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	21.82	21.89	21.66	21.42	21.51	0	0
	1	25	21.66	21.78	21.56	21.28	21.42		0
	1	49	21.78	21.85	21.72	21.41	21.50		0
	25	0	21.84	21.86	21.64	21.45	21.49	0-1	0
	25	12	21.84	21.84	21.64	21.44	21.51		0
	25	25	21.84	21.85	21.66	21.48	21.51		0
16QAM	50	0	21.88	21.88	21.67	21.47	21.52	0-1	0
	1	0	21.63	21.82	21.59	21.28	21.53		0
	1	25	21.54	21.71	21.48	21.23	21.47		0
	1	49	21.71	21.85	21.55	21.41	21.58	0-2	0
	25	0	21.21	21.26	21.12	20.86	20.94		1
	25	12	21.19	21.25	21.14	20.81	20.94		1
64QAM	25	25	21.22	21.28	21.12	20.87	20.94	0-2	1
	50	0	21.25	21.32	21.12	20.88	20.95		1
	1	0	21.34	20.98	21.02	20.86	20.82		1
	1	25	21.24	20.87	20.83	20.82	20.75	0-3	1
	1	49	21.35	21.00	20.97	20.95	20.88		2
	25	0	20.20	20.19	20.04	19.79	19.81		2
256QAM	25	12	20.17	20.18	20.02	19.75	19.78	0-3	2
	25	25	20.18	20.17	20.04	19.80	19.77		2
	50	0	20.22	20.23	20.03	19.79	19.84		2
	1	0	20.16	20.11	19.83	19.91	19.63	0-5	2
	1	25	20.10	19.99	19.76	19.77	19.52		2
	1	49	20.17	20.11	19.84	19.93	19.62		2
256QAM	25	0	19.23	19.22	19.01	18.80	18.78	0-5	3
	25	12	19.19	19.18	19.00	18.80	18.76		3
	25	25	19.24	19.20	19.01	18.80	18.77		3
	50	0	19.19	19.19	19.02	18.77	18.79	3	

Table H-52
LTE Band 41 PC3 Measured P_{Limit} for Free Hotspot Mode, 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	21.82	21.86	21.73	21.38	21.49	0	0	
	1	12	22.11	21.99	21.86	21.73	21.59		0	
	1	24	21.77	21.84	21.73	21.35	21.49		0	
	12	0	21.88	21.87	21.69	21.46	21.51	0-1	0	
	12	6	21.89	21.84	21.66	21.46	21.53		0	
	12	13	21.90	21.88	21.68	21.49	21.52		0	
16QAM	25	0	21.89	21.87	21.70	21.49	21.50	0-1	0	
	1	0	21.74	21.95	21.60	21.44	21.64		0	
	1	12	22.07	22.14	21.93	21.72	21.89		0	
	16QAM	1	24	21.80	21.89	21.70	21.47	21.62	0-1	0
		12	0	21.27	21.28	21.09	20.89	20.91		1
		12	6	21.24	21.27	21.10	20.86	20.93		1
64QAM		12	13	21.28	21.26	21.10	20.86	20.92	0-2	1
		25	0	21.30	21.25	21.08	20.89	20.92		1
		1	0	21.46	21.25	21.02	20.95	21.08		1
	64QAM	1	12	21.62	21.08	21.01	21.10	20.90	0-2	1
		1	24	21.50	21.21	20.95	21.04	21.01		1
		12	0	20.22	20.25	20.02	19.80	19.87		2
256QAM		12	6	20.21	20.20	20.01	19.81	19.87	0-3	2
		12	13	20.21	20.23	19.99	19.79	19.86		2
		25	0	20.22	20.18	20.05	19.82	19.77		2
	256QAM	1	0	20.55	20.41	20.09	19.96	20.00	0-5	2
		1	12	20.60	20.63	20.12	20.12	20.14		2
		1	24	20.53	20.39	20.07	20.02	20.00		2
256QAM		12	0	19.21	19.15	18.95	18.77	18.77	0-5	3
		12	6	19.18	19.12	18.88	18.74	18.73		3
		12	13	19.20	19.15	18.93	18.78	18.77		3
	25	0	19.17	19.14	18.95	18.74	18.74	3		

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H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n5

Table H-53

NR Band n5 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 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 QPSK	1	1	23.92	0	0.0
	1	40	23.76		0.0
	1	77	23.87		0.0
	36	0	22.91	0-1	1.0
	36	22	23.89	0	0.0
	36	43	22.92	0-1	1.0
	75	0	22.89		1.0
DFT-s-OFDM 16QAM	1	1	22.97	0-1	1.0
CP-OFDM QPSK	1	1	22.41	0-1.5	1.5

Table H-54

NR Band n5 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 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 QPSK	1	1	23.88	0	0.0
	1	26	23.93		0.0
	1	50	23.93		0.0
	25	0	22.90	0-1	1.0
	25	14	23.85	0	0.0
	25	27	22.91	0-1	1.0
	50	0	22.90		1.0
DFT-s-OFDM 16QAM	1	1	22.83	0-1	1.0
CP-OFDM QPSK	1	1	22.48	0-1.5	1.5

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Table H-55
NR Band n5 Measured P_{Max} for Free, RCV Active, Hotspot Mode, or Earjack Active - 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 QPSK	1	1	23.86	23.87	23.88	0	0.0
	1	13	23.78	23.81	23.80		0.0
	1	23	23.91	23.93	23.87		0.0
	12	0	22.84	22.89	22.95	0-1	1.0
	12	7	23.91	23.87	23.93	0	0.0
	12	13	22.88	22.92	22.93	0-1	1.0
	25	0	22.90	22.92	22.95		1.0
DFT-s-OFDM 16QAM	1	1	22.75	22.95	23.10	0-1	1.0
CP-OFDM QPSK	1	1	22.40	22.42	22.47	0-1.5	1.5

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H.2.2 NR Band n66 Antenna A

Table H-56
NR Band n66 Antenna A Measured P_{Max} for RCV Active - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.22	0	0.0
	1	80	23.37		0.0
	1	158	23.02		0.0
	80	0	22.27	0-1	1.0
	80	40	23.21	0	0.0
	80	80	22.14	0-1	1.0
	160	0	22.18		1.0
DFT-s-OFDM 16QAM	1	1	22.12	0-1	1.0
CP-OFDM QPSK	1	1	21.76	0-1.5	1.5

Table H-57
NR Band n66 Antenna A Measured P_{Max} for RCV Active - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.30	0	0.0
	1	67	23.15		0.0
	1	131	23.07		0.0
	64	0	22.25	0-1	1.0
	64	35	23.21	0	0.0
	64	69	22.17	0-1	1.0
	128	0	22.21		1.0
DFT-s-OFDM 16QAM	1	1	22.19	0-1	1.0
CP-OFDM QPSK	1	1	21.83	0-1.5	1.5

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Table H-58
NR Band n66 Antenna A Measured P_{Max} for RCV Active - 20 MHz Bandwidth
NR Band n66
20 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.22	23.22	23.03	0	0.0
	1	53	23.21	23.25	23.10		0.0
	1	104	23.09	23.10	22.94		0.0
	50	0	22.18	22.24	22.01	0-1	1.0
	50	28	23.19	23.23	22.98	0	0.0
	50	56	22.13	22.18	21.99	0-1	1.0
	100	0	22.20	22.20	21.99		1.0
DFT-s-OFDM 16QAM	1	1	22.16	22.30	21.98	0-1	1.0
CP-OFDM QPSK	1	1	21.66	21.75	21.54	0-1.5	1.5

Table H-59
NR Band n66 Antenna A Measured P_{Max} for RCV 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 QPSK	1	1	23.21	23.24	23.02	0	0.0
	1	40	23.12	23.13	22.92		0.0
	1	77	23.16	23.10	22.96		0.0
	36	0	22.27	22.25	21.95	0-1	1.0
	36	22	23.21	23.24	22.95	0	0.0
	36	43	22.20	22.14	21.94	0-1	1.0
	75	0	22.21	22.23	21.98		1.0
DFT-s-OFDM 16QAM	1	1	22.21	22.24	22.00	0-1	1.0
CP-OFDM QPSK	1	1	21.74	21.77	21.49	0-1.5	1.5

Table H-60
NR Band n66 Antenna A Measured P_{Max} for RCV 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 QPSK	1	1	23.23	23.24	23.00	0	0.0
	1	26	23.30	23.26	23.07		0.0
	1	50	23.21	23.17	22.98		0.0
	25	0	22.26	22.28	22.07	0-1	1.0
	25	14	23.26	23.19	23.05	0	0.0
	25	27	22.22	22.21	22.05	0-1	1.0
	50	0	22.27	22.23	22.09		1.0
DFT-s-OFDM 16QAM	1	1	22.29	22.09	21.97	0-1	1.0
CP-OFDM QPSK	1	1	21.80	21.82	21.52	0-1.5	1.5

Table H-61
NR Band n66 Antenna A Measured P_{Max} for RCV 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 QPSK	1	1	23.16	23.25	23.05	0	0.0
	1	13	23.10	23.06	22.91		0.0
	1	23	23.19	23.15	23.01		0.0
	12	0	22.14	22.26	22.03	0-1	1.0
	12	7	23.14	23.19	22.97	0	0.0
	12	13	22.13	22.20	21.96	0-1	1.0
	25	0	22.12	22.23	21.99		1.0
DFT-s-OFDM 16QAM	1	1	22.24	22.22	22.14	0-1	1.0
CP-OFDM QPSK	1	1	21.64	21.81	21.58	0-1.5	1.5

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Table H-62

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, or Earjack Active - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.99	0	0.0
	1	80	18.05		0.0
	1	158	17.74		0.0
	80	0	18.06	0-1	0.0
	80	40	18.03	0	0.0
	80	80	17.94	0-1	0.0
	160	0	17.95		0.0
DFT-s-OFDM 16QAM	1	1	18.20	0-1	0.0
CP-OFDM QPSK	1	1	18.10	0-1.5	0.0

Table H-63

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, or Earjack Active - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.03	0	0.0
	1	67	17.91		0.0
	1	131	17.78		0.0
	64	0	18.07	0-1	0.0
	64	35	18.02	0	0.0
	64	69	17.91	0-1	0.0
	128	0	17.97		0.0
DFT-s-OFDM 16QAM	1	1	18.16	0-1	0.0
CP-OFDM QPSK	1	1	18.05	0-1.5	0.0

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Table H-64

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, or Earjack Active - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.99	18.05	17.75	0	0.0
	1	53	18.06	18.06	17.74		0.0
	1	104	17.91	17.81	17.65		0.0
	50	0	18.02	18.03	17.77	0-1	0.0
	50	28	18.00	17.97	17.77	0	0.0
	50	56	17.94	17.90	17.75	0-1	0.0
	100	0	17.97	17.99	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.90	18.03	17.79	0-1	0.0
CP-OFDM QPSK	1	1	18.03	18.04	17.87	0-1.5	0.0

Table H-65

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, 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 QPSK	1	1	18.02	18.07	17.73	0	0.0
	1	40	17.94	17.91	17.65		0.0
	1	77	17.96	17.92	17.63		0.0
	36	0	18.04	18.06	17.73	0-1	0.0
	36	22	18.00	17.97	17.75	0	0.0
	36	43	17.99	17.96	17.73	0-1	0.0
	75	0	18.01	17.98	17.73		0.0
DFT-s-OFDM 16QAM	1	1	18.02	18.05	17.73	0-1	0.0
CP-OFDM QPSK	1	1	17.98	18.04	17.79	0-1.5	0.0

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Table H-66

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, 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 QPSK	1	1	18.04	18.02	17.78	0	0.0
	1	26	18.13	18.05	17.90		0.0
	1	50	18.03	17.93	17.75		0.0
	25	0	18.06	18.02	17.84	0-1	0.0
	25	14	18.06	17.98	17.78	0	0.0
	25	27	18.02	17.96	17.80	0-1	0.0
	50	0	18.05	18.03	17.79		0.0
DFT-s-OFDM 16QAM	1	1	18.01	17.97	17.79	0-1	0.0
CP-OFDM QPSK	1	1	18.11	18.07	17.83	0-1.5	0.0

Table H-67

NR Band n66 Antenna A Measured P_{Limit} for Free, Hotspot Mode, 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 QPSK	1	1	18.01	17.99	17.78	0	0.0
	1	13	17.93	17.87	17.62		0.0
	1	23	17.99	17.97	17.71		0.0
	12	0	17.97	17.99	17.76	0-1	0.0
	12	7	17.98	17.94	17.74	0	0.0
	12	13	17.96	17.95	17.73	0-1	0.0
	25	0	17.99	17.98	17.72		0.0
DFT-s-OFDM 16QAM	1	1	18.00	17.98	17.75	0-1	0.0
CP-OFDM QPSK	1	1	17.96	18.03	17.75	0-1.5	0.0

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H.2.3 NR Band n66 Antenna F

Table H-68
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.95	0	0.0
	1	80	15.97		0.0
	1	158	15.75		0.0
	80	0	15.95	0-1	0.0
	80	40	15.91	0	0.0
	80	80	15.86	0-1	0.0
	160	0	15.91		0.0
DFT-s-OFDM 16QAM	1	1	16.05	0-1	0.0
CP-OFDM QPSK	1	1	15.96	0-1.5	0.0

Table H-69
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.95	0	0.0
	1	67	15.83		0.0
	1	131	15.78		0.0
	64	0	15.92	0-1	0.0
	64	35	15.91	0	0.0
	64	69	15.83	0-1	0.0
	128	0	15.88		0.0
DFT-s-OFDM 16QAM	1	1	15.82	0-1	0.0
CP-OFDM QPSK	1	1	15.95	0-1.5	0.0

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Table H-70
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.91	15.96	15.82	0	0.0
	1	53	16.03	15.92	15.81		0.0
	1	104	15.86	15.80	15.65		0.0
	50	0	15.93	15.94	15.82	0-1	0.0
	50	28	15.98	15.90	15.74	0	0.0
	50	56	15.91	15.89	15.70	0-1	0.0
	100	0	15.97	15.89	15.70		0.0
DFT-s-OFDM 16QAM	1	1	15.90	16.06	15.90	0-1	0.0
CP-OFDM QPSK	1	1	15.87	15.90	15.82	0-1.5	0.0

Table H-71
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, 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 QPSK	1	1	15.88	15.96	15.73	0	0.0
	1	40	15.83	15.83	15.59		0.0
	1	77	15.89	15.82	15.64		0.0
	36	0	15.97	15.92	15.70	0-1	0.0
	36	22	15.93	15.89	15.68	0	0.0
	36	43	15.92	15.88	15.65	0-1	0.0
	75	0	15.97	15.91	15.69		0.0
DFT-s-OFDM 16QAM	1	1	16.04	15.93	15.73	0-1	0.0
CP-OFDM QPSK	1	1	15.92	15.95	15.72	0-1.5	0.0

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Table H-72
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, 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 QPSK	1	1	15.97	15.94	15.74	0	0.0
	1	26	16.13	15.90	15.77		0.0
	1	50	15.97	15.85	15.70		0.0
	25	0	15.99	15.91	15.74	0-1	0.0
	25	14	15.98	15.90	15.71	0	0.0
	25	27	15.98	15.88	15.74	0-1	0.0
	50	0	15.98	15.90	15.70		0.0
DFT-s-OFDM 16QAM	1	1	16.01	16.04	15.78	0-1	0.0
CP-OFDM QPSK	1	1	16.01	15.98	15.79	0-1.5	0.0

Table H-73
NR Band n66 Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, 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 QPSK	1	1	15.89	15.88	15.68	0	0.0
	1	13	15.84	15.80	15.64		0.0
	1	23	15.93	15.89	15.73		0.0
	12	0	15.90	15.86	15.70	0-1	0.0
	12	7	15.90	15.86	15.74	0	0.0
	12	13	15.89	15.84	15.69	0-1	0.0
	25	0	15.89	15.85	15.74		0.0
DFT-s-OFDM 16QAM	1	1	15.97	15.96	15.68	0-1	0.0
CP-OFDM QPSK	1	1	15.90	15.95	15.68	0-1.5	0.0

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H.2.4 NR Band n41 Antenna B

Table H-74
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.55	15.98	0	0.0
	1	123	16.25	16.18		0.0
	1	243	16.04	16.80		0.0
	120	0	16.47	16.53	0-1	0.0
	120	63	16.31	16.32	0	0.0
	120	125	16.55	16.46	0-1	0.0
	243	0	16.43	16.45		0.0
DFT-s-OFDM 16QAM	1	1	16.54	16.10	0-1	0.0
CP-OFDM QPSK	1	1	16.45	16.02	0-1.5	0.0

Table H-75
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.61	15.93	0	0.0
	1	109	16.26	16.31		0.0
	1	215	15.99	16.82		0.0
	108	0	16.46	16.53	0-1	0.0
	108	55	16.61	16.40	0	0.0
	108	109	16.52	16.50	0-1	0.0
	216	0	16.42	16.46		0.0
DFT-s-OFDM 16QAM	1	1	16.65	16.06	0-1	0.0
CP-OFDM QPSK	1	1	16.59	16.00	0-1.5	0.0

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Table H-76
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.79	16.48	0	0.0
	1	95	16.32	16.32		0.0
	1	187	16.44	16.64		0.0
	90	0	16.45	16.49	0-1	0.0
	90	50	16.32	16.38	0	0.0
	90	99	16.47	16.42	0-1	0.0
	180	0	16.43	16.45		0.0
DFT-s-OFDM 16QAM	1	1	16.80	16.53	0-1	0.0
CP-OFDM QPSK	1	1	16.71	16.44	0-1.5	0.0

Table H-77
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.58	16.67	16.48	0	0.0
	1	81	16.21	16.23	16.29		0.0
	1	160	16.41	16.45	16.48		0.0
	81	0	16.29	16.38	16.65	0-1	0.0
	81	41	16.25	16.29	16.32	0	0.0
	81	81	16.30	16.33	16.31	0-1	0.0
	162	0	16.34	16.33	16.40		0.0
DFT-s-OFDM 16QAM	1	1	16.61	16.70	16.48	0-1	0.0
CP-OFDM QPSK	1	1	16.54	16.63	16.51	0-1.5	0.0

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Table H-78
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth								
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]	
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)			
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	16.51	16.59	16.48	0	0.0	
	1	67	16.28	16.27	16.37		0.0	
	1	131	16.42	16.42	16.44		0.0	
		64	0	16.30	16.38	16.39	0-1	0.0
		64	35	16.31	16.30	16.35	0	0.0
		64	69	16.27	16.32	16.32	0-1	0.0
		128	0	16.33	16.33	16.40		0.0
DFT-s-OFDM 16QAM	1	1	16.55	16.58	16.49	0-1	0.0	
CP-OFDM QPSK	1	1	16.48	16.53	16.41	0-1.5	0.0	

Table H-79
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth									
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]	
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)			
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	16.43	16.45	16.46	16.40	0	0.0	
	1	53	16.21	16.37	16.25	16.25		0.0	
	1	104	16.30	16.33	16.32	16.37		0.0	
		50	0	16.30	16.44	16.39	16.38	0-1	0.0
		50	28	16.26	16.39	16.30	16.29	0	0.0
		50	56	16.31	16.34	16.29	16.32	0-1	0.0
		100	0	16.26	16.42	16.34	16.34		0.0
DFT-s-OFDM 16QAM	1	1	16.44	16.50	16.52	16.45	0-1	0.0	
CP-OFDM QPSK	1	1	16.39	16.40	16.41	16.37	0-1.5	0.0	

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Table H-80
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	16.40	16.37	16.41	16.42	16.46	0	0.0
	1	39	16.19	16.34	16.28	16.26	16.29		0.0
	1	76	16.36	16.44	16.48	16.30	16.36		0.0
	36	0	16.30	16.36	16.35	16.36	16.40	0-1	0.0
	36	21	16.23	16.39	16.34	16.31	16.34	0	0.0
	36	42	16.29	16.43	16.38	16.35	16.34	0-1	0.0
75	0	16.25	16.38	16.33	16.34	16.31	0.0		
DFT-s-OFDM 16QAM	1	1	16.43	16.38	16.44	16.44	16.47	0-1	0.0
CP-OFDM QPSK	1	1	16.34	16.31	16.36	16.37	16.38	0-1.5	0.0

Table H-81
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	16.35	16.18	16.32	16.23	16.24	0	0.0
	1	26	16.20	16.19	16.31	16.13	16.25		0.0
	1	49	16.16	16.30	16.46	16.14	16.31		0.0
	25	0	16.26	16.18	16.29	16.16	16.23	0-1	0.0
	25	13	16.21	16.20	16.30	16.13	16.26	0	0.0
	25	26	16.17	16.25	16.32	16.14	16.27	0-1	0.0
	50	0	16.19	16.19	16.31	16.13	16.25		0.0
DFT-s-OFDM 16QAM	1	1	16.36	16.20	16.34	16.25	16.23	0-1	0.0
CP-OFDM QPSK	1	1	16.28	16.12	16.25	16.17	16.17	0-1.5	0.0

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Table H-82
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)			
			Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	16.32	16.19	16.34	16.23	16.30	0	0.0	
	1	19	16.18	16.17	16.31	16.15	16.30		0.0	
	1	36	16.17	16.26	16.43	16.17	16.35		0.0	
	DFT-s-OFDM 16QAM	18	0	16.26	16.19	16.33	16.19	16.29	0-1	0.0
		18	10	16.22	16.21	16.34	16.20	16.32	0	0.0
		18	20	16.19	16.25	16.35	16.19	16.35	0-1	0.0
		36	0	16.21	16.22	16.36	16.18	16.32		0.0
CP-OFDM QPSK	1	1	16.25	16.13	16.29	16.17	16.23	0-1.5	0.0	

Table H-83
NR Band n41 Antenna B Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)			
			Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	16.36	16.24	16.40	16.22	16.33	0	0.0	
	1	12	16.23	16.18	16.36	16.18	16.30		0.0	
	1	22	16.26	16.27	16.44	16.20	16.37		0.0	
	DFT-s-OFDM 16QAM	12	0	16.29	16.22	16.39	16.19	16.31	0-1	0.0
		12	6	16.28	16.25	16.41	16.21	16.35	0	0.0
		12	12	16.26	16.23	16.37	16.20	16.35	0-1	0.0
		24	0	16.28	16.21	16.37	16.21	16.31		0.0
CP-OFDM QPSK	1	1	16.30	16.18	16.32	16.17	16.25	0-1.5	0.0	

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H.2.5 NR Band n41 Antenna F, D, E

Table H-84

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #1 Ant F	16.54	16.82
SRS #2 Ant D	15.15	16.71
SRS #3 Ant E	16.90	17.85

Table H-85

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #1 Ant F	16.63	16.91
SRS #2 Ant D	14.95	16.98
SRS #3 Ant E	16.94	17.93

Table H-86

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #1 Ant F	16.88	17.02
SRS #2 Ant D	14.90	16.99
SRS #3 Ant E	16.80	17.97

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Table H-87

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #1 Ant F	17.40	16.93	17.21
SRS #2 Ant D	14.85	15.75	16.88
SRS #3 Ant E	16.90	17.28	17.99

Table H-88

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #1 Ant F	16.97	16.96	17.30
SRS #2 Ant D	15.10	15.66	16.72
SRS #3 Ant E	16.93	17.35	17.94

Table H-89

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #1 Ant F	17.01	16.64	16.82	17.25
SRS #2 Ant D	15.15	15.86	15.50	16.52
SRS #3 Ant E	17.12	17.93	17.26	17.84

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Table H-90

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #1 Ant F	16.97	16.38	16.95	16.78	17.24
SRS #2 Ant D	15.38	15.51	15.64	15.90	16.25
SRS #3 Ant E	17.34	17.52	17.29	17.75	17.80

Table H-91

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #1 Ant F	17.04	16.35	16.92	16.75	17.21
SRS #2 Ant D	15.18	15.48	15.62	15.99	16.28
SRS #3 Ant E	17.38	17.91	17.25	17.73	17.67

Table H-92

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #1 Ant F	17.02	16.43	16.99	16.82	17.23
SRS #2 Ant D	15.64	15.53	15.62	15.93	16.24
SRS #3 Ant E	17.32	17.88	17.27	17.71	17.63

Table H-93

NR Band n41 Antenna F, D, E Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #1 Ant F	17.02	16.39	16.95	16.79	17.24
SRS #2 Ant D	15.58	15.44	15.62	15.96	16.24
SRS #3 Ant E	17.36	17.80	17.26	17.68	17.57

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H.2.6 NR Band n77 DoD Antenna F

Per FCC guidance, C-band and DoD lower bandwidth conducted powers are required only on channels corresponding to the largest bandwidth.

Table H-94
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.08	0	0.0
	1	123	14.25		0.0
	1	243	14.30		0.0
	120	0	14.50	0-1	0.0
	120	63	14.32	0	0.0
	120	125	14.31	0-1	0.0
	243	0	14.44		0.0
DFT-s-OFDM 16QAM	1	1	14.11	0-1	0.0
CP-OFDM QPSK	1	1	14.07	0-1.5	0.0

Table H-95
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.01	0	0.0
	1	109	14.36		0.0
	1	215	14.31		0.0
	108	0	14.50	0-1	0.0
	108	55	14.37	0	0.0
	108	109	14.36	0-1	0.0
	216	0	14.46		0.0
DFT-s-OFDM 16QAM	1	1	14.00	0-1	0.0
CP-OFDM QPSK	1	1	13.96	0-1.5	0.0

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Table H-96
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.65	0	0.0
	1	95	14.27		0.0
	1	187	14.35		0.0
	90	0	14.41	0-1	0.0
	90	50	14.30	0	0.0
	90	99	14.25	0-1	0.0
	180	0	14.36		0.0
DFT-s-OFDM 16QAM	1	1	14.69	0-1	0.0
CP-OFDM QPSK	1	1	14.66	0-1.5	0.0

Table H-97
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.45	0	0.0
	1	81	14.17		0.0
	1	160	14.25		0.0
	81	0	14.31	0-1	0.0
	81	41	14.24	0	0.0
	81	81	14.18	0-1	0.0
	162	0	14.29		0.0
DFT-s-OFDM 16QAM	1	1	14.57	0-1	0.0
CP-OFDM QPSK	1	1	14.51	0-1.5	0.0

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Table H-98
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.42	0	0.0
	1	67	14.24		0.0
	1	131	14.23		0.0
	64	0	14.35	0-1	0.0
	64	35	14.30	0	0.0
	64	69	14.25	0-1	0.0
	128	0	14.33		0.0
DFT-s-OFDM 16QAM	1	1	14.52	0-1	0.0
CP-OFDM QPSK	1	1	14.47	0-1.5	0.0

Table H-99
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.46	0	0.0
	1	53	14.32		0.0
	1	104	14.30		0.0
	50	0	14.39	0-1	0.0
	50	28	14.36	0	0.0
	50	56	14.27	0-1	0.0
	100	0	14.35		0.0
DFT-s-OFDM 16QAM	1	1	14.46	0-1	0.0
CP-OFDM QPSK	1	1	14.43	0-1.5	0.0

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Table H-100
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.39	0	0.0
	1	39	14.30		0.0
	1	76	14.24		0.0
	36	0	14.34	0-1	0.0
	36	21	14.32	0	0.0
	36	42	14.26	0-1	0.0
	75	0	14.32		0.0
DFT-s-OFDM 16QAM	1	1	14.42	0-1	0.0
CP-OFDM QPSK	1	1	14.38	0-1.5	0.0

Table H-101
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.46	0	0.0
	1	26	14.37		0.0
	1	49	14.30		0.0
	25	0	14.37	0-1	0.0
	25	13	14.34	0	0.0
	25	26	14.29	0-1	0.0
	50	0	14.33		0.0
DFT-s-OFDM 16QAM	1	1	14.40	0-1	0.0
CP-OFDM QPSK	1	1	14.34	0-1.5	0.0

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Table H-102
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.59	0	0.0
	1	19	14.42		0.0
	1	36	14.36		0.0
	18	0	14.38	0-1	0.0
	18	10	14.36	0	0.0
	18	20	14.31	0-1	0.0
	36	0	14.35		0.0
DFT-s-OFDM 16QAM	1	1	14.39	0-1	0.0
CP-OFDM QPSK	1	1	14.35	0-1.5	0.0

Table H-103
NR Band n77 DoD Antenna F Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active –
10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.42	0	0.0
	1	12	14.41		0.0
	1	22	14.33		0.0
	12	0	14.28	0-1	0.0
	12	6	14.26	0	0.0
	12	12	14.22	0-1	0.0
	24	0	14.21		0.0
DFT-s-OFDM 16QAM	1	1	14.26	0-1	0.0
CP-OFDM QPSK	1	1	14.21	0-1.5	0.0

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H.2.7 NR Band n77 DoD Antenna C, I, D

Table H-104

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.82
SRS #2 Ant I	12.31
SRS #3 Ant D	9.45

Table H-105

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.82
SRS #2 Ant I	12.23
SRS #3 Ant D	9.43

Table H-106

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.81
SRS #2 Ant I	12.20
SRS #3 Ant D	9.45

Table H-107

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.86
SRS #2 Ant I	12.19
SRS #3 Ant D	9.18

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Table H-108

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.82
SRS #2 Ant I	12.22
SRS #3 Ant D	9.49

Table H-109

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.83
SRS #2 Ant I	12.19
SRS #3 Ant D	9.49

Table H-110

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.79
SRS #2 Ant I	12.17
SRS #3 Ant D	9.56

Table H-111

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.82
SRS #2 Ant I	12.21
SRS #3 Ant D	9.62

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Table H-112

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.81
SRS #2 Ant I	12.21
SRS #3 Ant D	9.62

Table H-113

NR Band n77 DoD Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #1 Ant C	11.76
SRS #2 Ant I	12.31
SRS #3 Ant D	9.57

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H.2.8 NR Band n77 C-Band Antenna F

Table H-114
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.49	13.95	0	0.0
	1	123	14.48	14.05		0.0
	1	243	14.00	13.68		0.0
	120	0	14.84	14.42	0-1	0.0
	120	63	14.61	14.11	0	0.0
	120	125	14.51	14.07	0-1	0.0
	243	0	14.75	14.23		0.0
DFT-s-OFDM 16QAM	1	1	14.62	13.91	0-1	0.0
CP-OFDM QPSK	1	1	14.54	13.86	0-1.5	0.0

Table H-115
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.44	13.92	0	0.0
	1	109	14.37	14.07		0.0
	1	215	13.82	13.36		0.0
	108	0	14.73	14.35	0-1	0.0
	108	55	14.56	14.14	0	0.0
	108	109	14.45	14.02	0-1	0.0
	216	0	14.67	14.15		0.0
DFT-s-OFDM 16QAM	1	1	14.44	13.71	0-1	0.0
CP-OFDM QPSK	1	1	14.39	13.75	0-1.5	0.0

Table H-116

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NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.92	14.54	0	0.0
	1	95	14.38	14.03		0.0
	1	187	14.32	14.11		0.0
	90	0	14.67	14.34	0-1	0.0
	90	50	14.41	14.10	0	0.0
	90	99	14.28	13.97	0-1	0.0
	180	0	14.51	14.18		0.0
DFT-s-OFDM 16QAM	1	1	15.00	14.54	0-1	0.0
CP-OFDM QPSK	1	1	14.95	14.49	0-1.5	0.0

Table H-117

NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active – 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.75	14.22	0	0.0
	1	81	14.32	13.87		0.0
	1	160	14.23	13.84		0.0
	81	0	14.41	14.03	0-1	0.0
	81	41	14.23	13.91	0	0.0
	81	81	14.12	13.91	0-1	0.0
	162	0	14.28	13.96		0.0
DFT-s-OFDM 16QAM	1	1	14.68	14.33	0-1	0.0
CP-OFDM QPSK	1	1	14.65	14.23	0-1.5	0.0

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Table H-118
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.54	14.41	0	0.0
	1	67	14.18	14.12		0.0
	1	131	14.12	14.11		0.0
	64	0	14.42	14.30	0-1	0.0
	64	35	14.25	14.22	0	0.0
	64	69	14.15	14.11	0-1	0.0
	128	0	14.33	14.25		0.0
DFT-s-OFDM 16QAM	1	1	14.67	14.49	0-1	0.0
CP-OFDM QPSK	1	1	14.61	14.41	0-1.5	0.0

Table H-119
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.54	14.08	0	0.0
	1	53	14.18	13.88		0.0
	1	104	14.11	13.80		0.0
	50	0	14.46	14.06	0-1	0.0
	50	28	14.26	13.96	0	0.0
	50	56	14.14	13.84	0-1	0.0
	100	0	14.33	14.00		0.0
DFT-s-OFDM 16QAM	1	1	14.62	14.19	0-1	0.0
CP-OFDM QPSK	1	1	14.64	14.15	0-1.5	0.0

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Table H-120
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.51	14.17	0	0.0
	1	39	14.21	14.02		0.0
	1	76	14.06	13.94		0.0
	36	0	14.39	14.13	0-1	0.0
	36	21	14.26	14.08	0	0.0
	36	42	14.14	13.97	0-1	0.0
	75	0	14.27	14.09		0.0
DFT-s-OFDM 16QAM	1	1	14.56	14.22	0-1	0.0
CP-OFDM QPSK	1	1	14.47	14.16	0-1.5	0.0

Table H-121
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.38	14.13	0	0.0
	1	26	14.21	14.07		0.0
	1	49	14.09	13.99		0.0
	25	0	14.34	14.12	0-1	0.0
	25	13	14.25	14.08	0	0.0
	25	26	14.17	14.03	0-1	0.0
	50	0	14.26	14.10		0.0
DFT-s-OFDM 16QAM	1	1	14.47	14.19	0-1	0.0
CP-OFDM QPSK	1	1	14.43	14.12	0-1.5	0.0

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Table H-122
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.28	14.03	0	0.0
	1	19	14.14	14.00		0.0
	1	36	14.10	13.98		0.0
	18	0	14.32	14.07	0-1	0.0
	18	10	14.24	14.05	0	0.0
	18	20	14.17	14.02	0-1	0.0
	36	0	14.27	14.06		0.0
DFT-s-OFDM 16QAM	1	1	14.42	14.13	0-1	0.0
CP-OFDM QPSK	1	1	14.39	14.07	0-1.5	0.0

Table H-123
NR Band n77 C-Band Antenna F Measured P_{Limit} Free, RCV Active, Hotspot Mode, or Earjack Active –
10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	14.26	14.12	0	0.0
	1	12	14.13	14.06		0.0
	1	22	14.07	14.07		0.0
	12	0	14.33	14.11	0-1	0.0
	12	6	14.20	14.12	0	0.0
	12	12	14.12	14.08	0-1	0.0
	24	0	14.28	14.09		0.0
DFT-s-OFDM 16QAM	1	1	14.40	14.17	0-1	0.0
CP-OFDM QPSK	1	1	14.39	14.15	0-1.5	0.0

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H.2.9 NR Band n77 C-Band Antenna C, I, D

Table H-124

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.34	11.95
SRS #2 Ant I	11.65	12.44
SRS #3 Ant D	9.93	9.36

Table H-125

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.30	11.94
SRS #2 Ant I	11.55	12.43
SRS #3 Ant D	10.02	9.35

Table H-126

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.41	11.93
SRS #2 Ant I	11.49	12.39
SRS #3 Ant D	10.12	9.42

Table H-127

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.24	11.73
SRS #2 Ant I	11.44	12.25
SRS #3 Ant D	10.15	9.43

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Table H-128

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.28	11.77
SRS #2 Ant I	11.54	12.42
SRS #3 Ant D	9.82	9.32

Table H-129

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.27	11.75
SRS #2 Ant I	11.49	12.34
SRS #3 Ant D	9.74	9.23

Table H-130

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.27	11.77
SRS #2 Ant I	11.45	12.37
SRS #3 Ant D	9.71	9.30

Table H-131

NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.33	11.81
SRS #2 Ant I	11.45	12.36
SRS #3 Ant D	9.76	9.29

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Table H-132
NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.39	11.83
SRS #2 Ant I	11.42	12.44
SRS #3 Ant D	9.72	9.28

Table H-133
NR Band n77 C-Band Antenna C, I, D Measured P_{Limit} for Free, RCV Active, Hotspot Mode, or Earjack Active – 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #1 Ant C	12.27	11.80
SRS #2 Ant I	11.53	12.42
SRS #3 Ant D	9.70	9.29

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