

APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

All conducted power measurements for 4G/5G Sub6 WWAN technologies and bands in this section were performed by setting *Reserve_power_margin* (Qualcomm® Smart Transmit EFS entry) to 0 dB, so that the EUT transmits continuously at minimum (Plimit, maximum tune up output power Pmax).

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 all DSI – 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.64	22.34	22.40	0	0
	1	12	22.67	22.41	22.49		0
	1	24	22.48	22.22	22.27		0
	12	0	21.67	21.37	21.28	0-1	1
	12	6	21.64	21.38	21.30		1
	12	13	21.46	21.23	21.13		1
	25	0	21.49	21.35	21.22		1
16QAM	1	0	21.94	21.62	21.59	0-1	1
	1	12	21.98	21.62	21.63		1
	1	24	21.79	21.53	21.49		1
	12	0	20.67	20.42	20.30	0-2	2
	12	6	20.68	20.43	20.28		2
	12	13	20.51	20.28	20.15		2
	25	0	20.54	20.37	20.30		2
64QAM	1	0	20.83	20.59	20.48	0-2	2
	1	12	20.79	20.68	20.71		2
	1	24	20.62	20.51	20.61		2
	12	0	19.66	19.32	19.48	0-3	3
	12	6	19.66	19.35	19.45		3
	12	13	19.49	19.25	19.32		3
	25	0	19.50	19.37	19.27		3

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Table H-2
LTE Band 12 Measured P_{Max} for all DSI – 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.69	22.36	22.21	0	0
	1	7	22.70	22.38	22.24		0
	1	14	22.54	22.26	22.13		0
	8	0	21.72	21.38	21.27	0-1	1
	8	4	21.62	21.42	21.29		1
	8	7	21.58	21.31	21.23		1
	15	0	21.61	21.38	21.24		1
16QAM	1	0	22.02	21.74	21.57	0-1	1
	1	7	22.00	21.77	21.59		1
	1	14	21.89	21.66	21.47		1
	8	0	20.78	20.48	20.34	0-2	2
	8	4	20.67	20.47	20.30		2
	8	7	20.64	20.41	20.24		2
	15	0	20.64	20.46	20.26		2
64QAM	1	0	21.03	20.73	20.51	0-2	2
	1	7	21.04	20.74	20.56		2
	1	14	20.84	20.60	20.47		2
	8	0	19.77	19.50	19.28	0-3	3
	8	4	19.70	19.51	19.36		3
	8	7	19.62	19.38	19.32		3
	15	0	19.65	19.42	19.31		3

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Table H-3
LTE Band 12 Measured P_{Max} for all DSI – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.71	22.39	22.18	0	0
	1	2	22.72	22.43	22.23		0
	1	5	22.70	22.38	22.15		0
	3	0	22.75	22.45	22.24		0
	3	2	22.74	22.45	22.21		0
	3	3	22.74	22.45	22.22		0
	6	0	21.68	21.38	21.16		0-1
16QAM	1	0	22.18	21.88	21.63	0-1	1
	1	2	22.17	21.92	21.67		1
	1	5	22.16	21.84	21.65		1
	3	0	21.83	21.51	21.34		1
	3	2	21.81	21.52	21.31		1
	3	3	21.78	21.48	21.33		1
	6	0	20.78	20.48	20.23	0-2	2
64QAM	1	0	21.07	20.77	20.51	0-2	2
	1	2	21.11	20.73	20.51		2
	1	5	21.04	20.74	20.41		2
	3	0	20.77	20.52	20.32		2
	3	2	20.88	20.51	20.31		2
	3	3	20.88	20.53	20.30		2
	6	0	19.72	19.44	19.14	0-3	3

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H.1.2 LTE Band 13

Table H-4
LTE Band 13 Measured P_{Max} for all DSI – 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.86	0	0
	1	12	22.96		0
	1	24	22.92		0
	12	0	21.93	0-1	1
	12	6	22.01		1
	12	13	22.05		1
	25	0	21.97		1
16QAM	1	0	22.26	0-1	1
	1	12	22.41		1
	1	24	22.38		1
	12	0	21.08	0-2	2
	12	6	21.12		2
	12	13	21.16		2
	25	0	21.01		2
64QAM	1	0	21.28	0-2	2
	1	12	21.38		2
	1	24	21.34		2
	12	0	19.98	0-3	3
	12	6	19.96		3
	12	13	20.09		3
	25	0	20.04		3

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H.1.3 LTE Band 5 (Cell)

**Table H-5
LTE Band 5 (Cell) Measured P_{Max} for all DSI – 5 MHz Bandwidth**

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.56	22.62	22.57	0	0
	1	12	22.71	22.79	22.57		0
	1	24	22.60	22.63	22.46		0
	12	0	21.67	21.70	21.59	0-1	1
	12	6	21.81	21.72	21.60		1
	12	13	21.76	21.69	21.57		1
	25	0	21.78	21.70	21.55		1
16QAM	1	0	21.97	22.06	21.97	0-1	1
	1	12	22.12	22.21	22.00		1
	1	24	22.00	22.02	21.83		1
	12	0	20.69	20.75	20.59	0-2	2
	12	6	20.84	20.77	20.65		2
	12	13	20.81	20.77	20.57		2
	25	0	20.77	20.73	20.57		2
64QAM	1	0	20.94	21.11	21.07	0-2	2
	1	12	21.06	21.25	20.97		2
	1	24	20.98	21.12	20.96		2
	12	0	19.69	19.68	19.61	0-3	3
	12	6	19.81	19.75	19.64		3
	12	13	19.76	19.71	19.59		3
	25	0	19.76	19.76	19.58		3

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Table H-6
LTE Band 5 (Cell) Measured P_{Max} for all DSI – 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.61	22.71	22.46	0	0
	1	7	22.74	22.86	22.54		0
	1	14	22.65	22.71	22.43		0
	8	0	21.74	21.74	21.52	0-1	1
	8	4	21.78	21.76	21.55		1
	8	7	21.75	21.73	21.49		1
16QAM	15	0	21.74	21.74	21.52	0-1	1
	1	0	21.94	22.15	21.81		1
	1	7	22.08	22.28	21.88		1
	1	14	21.99	22.13	21.80	0-2	1
	8	0	20.78	20.77	20.57		2
	8	4	20.85	20.82	20.61		2
64QAM	8	7	20.82	20.79	20.53	0-2	2
	15	0	20.79	20.77	20.57		2
	1	0	20.97	21.06	20.81		0-2
	1	7	21.05	21.16	20.87	2	
	1	14	20.99	21.04	20.81	2	
	64QAM	8	0	19.81	19.75	19.51	0-3
8		4	19.86	19.81	19.57	3	
8		7	19.85	19.77	19.48	3	
15		0	19.79	19.76	19.56	3	

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Table H-7
LTE Band 5 (Cell) Measured P_{Max} for all DSI – 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.69	22.77	22.49	0	0
	1	2	22.73	22.84	22.53		0
	1	5	22.72	22.79	22.53		0
	3	0	22.76	22.82	22.57		0
	3	2	22.75	22.85	22.55		0
	3	3	22.76	22.84	22.54	0	
	6	0	21.69	21.73	21.51	0-1	1
16QAM	1	0	22.07	22.19	21.96	0-1	1
	1	2	22.16	22.23	21.96		1
	1	5	22.11	22.21	21.95		1
	3	0	21.82	21.85	21.63		1
	3	2	21.79	21.96	21.64		1
	3	3	21.82	21.89	21.63	1	
	6	0	20.77	20.73	20.54	0-2	2
64QAM	1	0	21.01	21.18	20.86	0-2	2
	1	2	21.06	21.23	20.87		2
	1	5	21.02	21.19	20.87		2
	3	0	20.87	20.83	20.67		2
	3	2	20.88	20.87	20.66		2
	3	3	20.88	20.87	20.64	2	
	6	0	19.78	19.77	19.52	0-3	3

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H.1.1.4 LTE Band 4 (AWS)

Table H-8
LTE Band 4 (AWS) Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	21.99	22.23	21.96	0	0	
	1	36	22.31	22.52	22.15		0	
	1	74	22.22	22.23	21.84		0	
	QPSK	36	0	21.18	21.37	21.14	0-1	1
		36	18	21.34	21.46	21.17		1
		36	37	21.36	21.43	21.03		1
		75	0	21.28	21.39	21.11		1
16QAM	1	0	21.62	21.59	21.60	0-1	1	
	1	36	21.78	21.98	21.67		1	
	1	74	21.66	21.67	21.36		1	
	16QAM	36	0	20.18	20.39	20.17	0-2	2
		36	18	20.38	20.51	20.21		2
		36	37	20.38	20.44	20.08		2
		75	0	20.31	20.40	20.17		2
64QAM	1	0	20.47	20.62	20.39	0-2	2	
	1	36	20.71	20.97	20.57		2	
	1	74	20.64	20.61	20.31		2	
	64QAM	36	0	19.18	19.38	19.04	0-3	3
		36	18	19.38	19.49	19.21		3
		36	37	19.36	19.43	19.05		3
		75	0	19.32	19.41	19.15		3

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Table H-9
LTE Band 4 (AWS) Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	22.02	22.22	22.00	0	0
	1	25	22.43	22.63	22.26		0
	1	49	22.13	22.16	21.86		0
	25	0	21.26	21.47	21.19	0-1	1
	25	12	21.44	21.59	21.26		1
	25	25	21.34	21.44	21.04		1
16QAM	50	0	21.32	21.48	21.16	0-1	1
	1	0	21.33	21.57	21.48		1
	1	25	21.76	21.94	21.67		1
	1	49	21.48	21.53	21.32	0-2	1
	25	0	20.29	20.50	20.21		2
	25	12	20.48	20.65	20.28		2
64QAM	25	25	20.43	20.51	20.07	0-2	2
	50	0	20.36	20.50	20.18		2
	1	0	20.38	20.59	20.33		2
	1	25	20.79	20.97	20.56	0-3	2
	1	49	20.47	20.55	20.15		2
	25	0	19.31	19.54	19.23		3
25	12	19.53	19.65	19.30	0-3	3	
25	25	19.41	19.53	19.09		3	
50	0	19.40	19.51	19.19	0-3	3	

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Table H-10
LTE Band 4 (AWS) Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	22.23	22.45	22.10	0	0
	1	12	22.38	22.58	22.14		0
	1	24	22.24	22.41	21.97		0
	12	0	21.39	21.57	21.25	0-1	1
	12	6	21.48	21.62	21.27		1
	12	13	21.40	21.54	21.09		1
	25	0	21.43	21.58	21.22		1
16QAM	1	0	21.63	21.89	21.53	0-1	1
	1	12	21.84	22.02	21.58		1
	1	24	21.68	21.84	21.41		1
	12	0	20.45	20.60	20.30	0-2	2
	12	6	20.51	20.63	20.32		2
	12	13	20.43	20.59	20.14		2
	25	0	20.47	20.57	20.22		2
64QAM	1	0	20.66	20.81	20.54	0-2	2
	1	12	20.84	20.99	20.64		2
	1	24	20.68	20.76	20.46		2
	12	0	19.49	19.68	19.32	0-3	3
	12	6	19.54	19.66	19.22		3
	12	13	19.46	19.57	19.09		3
	25	0	19.45	19.62	19.23		3

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Table H-11
LTE Band 4 (AWS) Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	22.32	22.52	22.12	0	0
	1	7	22.41	22.61	22.19		0
	1	14	22.28	22.48	22.04		0
	8	0	21.43	21.61	21.22	0-1	1
	8	4	21.48	21.64	21.23		1
	8	7	21.45	21.59	21.20		1
	15	0	21.41	21.58	21.16	1	
16QAM	1	0	21.72	21.88	21.54	0-1	1
	1	7	21.81	22.08	21.64		1
	1	14	21.65	21.87	21.46		1
	8	0	20.48	20.62	20.26	0-2	2
	8	4	20.51	20.65	20.24		2
	8	7	20.47	20.59	20.22		2
	15	0	20.52	20.66	20.24	2	
64QAM	1	0	20.62	20.82	20.39	0-2	2
	1	7	20.64	20.96	20.53		2
	1	14	20.61	20.77	20.40		2
	8	0	19.49	19.62	19.25	0-3	3
	8	4	19.53	19.67	19.27		3
	8	7	19.49	19.63	19.20		3
	15	0	19.43	19.63	19.26	3	

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Table H-12
LTE Band 4 (AWS) Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	22.35	22.62	22.16	0	0
	1	2	22.37	22.64	22.17		0
	1	5	22.31	22.54	22.13		0
	3	0	22.39	22.65	22.16		0
	3	2	22.40	22.61	22.18		0
	3	3	22.38	22.61	22.14		0
	6	0	21.37	21.57	21.15	0-1	1
16QAM	1	0	21.79	21.84	21.59	0-1	1
	1	2	21.81	22.06	21.62		1
	1	5	21.74	21.86	21.58		1
	3	0	21.45	21.71	21.22		1
	3	2	21.45	21.68	21.24		1
	3	3	21.43	21.74	21.23		1
	6	0	20.43	20.62	20.24	0-2	2
64QAM	1	0	20.77	20.82	20.49	0-2	2
	1	2	20.78	21.03	20.51		2
	1	5	20.73	20.76	20.53		2
	3	0	20.49	20.74	20.26		2
	3	2	20.52	20.68	20.28		2
	3	3	20.48	20.68	20.24		2
	6	0	19.44	19.62	19.24	0-3	3

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Table H-13

LTE Band 4 (AWS) Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.49	18.76	18.51	0	0
	1	36	18.84	19.08	18.66		0
	1	74	18.73	18.82	18.33		0
	36	0	18.69	18.88	18.63	0-1	0
	36	18	18.87	18.99	18.71		0
	36	37	18.86	18.92	18.54		0
	75	0	18.78	18.92	18.62		0
16QAM	1	0	19.05	19.09	19.08	0-1	0
	1	36	19.42	19.43	19.24		0
	1	74	19.34	19.08	18.95		0
	36	0	18.71	18.89	18.68	0-2	0
	36	18	18.89	18.98	18.73		0
	36	37	18.88	18.97	18.61		0
	75	0	18.82	18.92	18.68		0
64QAM	1	0	18.89	19.03	18.97	0-2	0
	1	36	19.19	19.36	19.04		0
	1	74	19.11	19.23	18.73		0
	36	0	18.70	18.92	18.68	0-3	0
	36	18	18.90	19.00	18.70		0
	36	37	18.91	18.96	18.55		0
	75	0	18.84	18.94	18.64		0

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Table H-14

LTE Band 4 (AWS) Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.58	18.74	18.52	0	0
	1	25	18.98	19.17	18.74		0
	1	49	18.73	18.76	18.37		0
	25	0	18.78	19.02	18.72	0-1	0
	25	12	19.01	19.13	18.80		0
	25	25	18.87	19.01	18.56		0
16QAM	50	0	18.89	19.02	18.68	0-1	0
	1	0	18.91	19.10	18.88		0
	1	25	19.31	19.51	19.13		0
	1	49	19.04	19.09	18.73	0-2	0
	25	0	18.81	19.04	18.81		0
	25	12	19.01	19.16	18.86		0
64QAM	25	25	18.90	19.03	18.63	0-2	0
	50	0	18.88	19.01	18.71		0
	1	0	18.91	19.12	18.86		0-2
	1	25	19.31	19.57	19.12	0	
	1	49	19.02	19.08	18.74	0	
	64QAM	25	0	18.84	19.04	18.71	0-3
25		12	19.02	19.15	18.86	0	
25		25	18.93	19.01	18.60	0	
50		0	18.91	19.01	18.72	0	

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Table H-15

LTE Band 4 (AWS) Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.76	18.97	18.58	0	0
	1	12	18.89	19.12	18.65		0
	1	24	18.77	18.93	18.45		0
	12	0	18.92	19.11	18.73	0-1	0
	12	6	19.00	19.14	18.75		0
	12	13	18.88	19.07	18.60		0
16QAM	25	0	18.91	19.10	18.71	0-1	0
	1	0	19.16	19.41	18.97		0
	1	12	19.27	19.58	19.13		0
	1	24	19.20	19.38	18.91	0-2	0
	12	0	18.95	19.16	18.77		0
	12	6	19.02	19.21	18.81		0
64QAM	12	13	18.94	19.12	18.65	0-2	0
	25	0	18.98	19.13	18.72		0
	1	0	19.21	19.48	19.14		0-2
	1	12	19.35	19.56	19.22	0	
	1	24	19.22	19.28	19.02	0	
	64QAM	12	0	19.03	19.18	18.74	0-3
12		6	19.12	19.22	18.89	0	
12		13	19.03	19.15	18.70	0	
25		0	18.97	19.16	18.76	0	

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Table H-16

LTE Band 4 (AWS) Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.82	19.05	18.63	0	0
	1	7	18.93	19.16	18.69		0
	1	14	18.82	18.99	18.57		0
	8	0	18.94	19.11	18.69	0-1	0
	8	4	18.97	19.13	18.70		0
	8	7	18.92	19.09	18.64		0
16QAM	15	0	18.95	19.08	18.67	0-1	0
	1	0	19.23	19.45	18.99		0
	1	7	19.34	19.58	19.04		0
	1	14	19.21	19.41	18.91	0-2	0
	8	0	18.99	19.18	18.81		0
	8	4	19.02	19.17	18.78		0
64QAM	8	7	18.96	19.15	18.74	0-2	0
	8	0	18.95	19.14	18.71		0
	15	0	18.95	19.14	18.71		0
	1	0	19.19	19.40	18.97	0-2	0
	1	7	19.22	19.48	19.04		0
	1	14	19.10	19.28	18.85		0
64QAM	8	0	19.04	19.23	18.75	0-3	0
	8	4	19.04	19.17	18.76		0
	8	7	19.02	19.14	18.71		0
	15	0	18.98	19.14	18.76		0

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Table H-17

LTE Band 4 (AWS) Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.83	19.10	18.64	0	0
	1	2	18.86	19.17	18.67		0
	1	5	18.81	19.05	18.61		0
	3	0	18.91	19.20	18.69		0
	3	2	18.92	19.15	18.67		0
	3	3	18.89	19.14	18.64		0
	6	0	18.88	19.04	18.65		0
16QAM	1	0	19.31	19.52	19.12	0-1	0
	1	2	19.34	19.57	19.13		0
	1	5	19.30	19.47	19.08		0
	3	0	19.09	19.26	18.83		0
	3	2	19.09	19.23	18.81		0
	3	3	19.10	19.24	18.81		0
	6	0	18.95	19.20	18.64		0
64QAM	1	0	19.20	19.42	18.98	0-2	0
	1	2	19.21	19.47	19.04		0
	1	5	19.15	19.30	18.96		0
	3	0	19.18	19.30	18.72		0
	3	2	19.20	19.28	18.86		0
	3	3	19.18	19.27	18.70		0
	6	0	18.97	19.06	18.74		0

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H.1.5 LTE Band 41 Ant B

Table H-18

LTE Band 41 Ant B Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	23.02	22.72	22.51	22.45	22.21	0	0	
	1	36	23.17	22.95	22.76	22.67	22.56		0	
	1	74	23.08	22.56	22.57	22.38	22.49		0	
	QPSK	36	0	22.08	21.78	21.63	21.47	21.43	0-1	1
		36	18	22.09	21.83	21.75	21.64	21.62		1
		36	37	22.07	21.68	21.71	21.52	21.63		1
		75	0	22.02	21.74	21.68	21.55	21.57		1
16QAM	1	0	22.12	21.55	21.41	21.49	21.24	0-1	1	
	1	36	22.19	21.78	21.63	21.65	21.61		1	
	1	74	22.11	21.41	21.45	21.40	21.56		1	
	16QAM	36	0	21.09	20.77	20.59	20.49	20.45	0-2	2
		36	18	21.12	20.84	20.74	20.64	20.66		2
		36	37	21.11	20.70	20.73	20.54	20.68		2
		75	0	21.05	20.79	20.68	20.56	20.61		2
64QAM	1	0	21.10	20.64	20.46	20.43	20.39	0-2	2	
	1	36	21.11	20.82	20.75	20.75	20.62		2	
	1	74	21.08	20.54	20.52	20.33	20.59		2	
	64QAM	36	0	20.10	19.78	19.64	19.46	19.42	0-3	3
		36	18	20.12	19.84	19.72	19.61	19.64		3
		36	37	20.08	19.69	19.70	19.53	19.65		3
		75	0	20.08	19.77	19.68	19.56	19.57		3

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Table H-19
LTE Band 41 Ant B Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	23.13	22.79	22.56	22.46	22.39	0	0
	1	25	23.19	23.07	22.90	22.77	22.71		0
	1	49	23.13	22.71	22.59	22.49	22.43		0
	25	0	22.20	21.98	21.75	21.58	21.59	0-1	1
	25	12	22.22	22.03	21.84	21.74	21.79		1
	25	25	22.19	21.85	21.74	21.65	21.66		1
50	0	22.14	21.98	21.75	21.64	21.66	1		
16QAM	1	0	22.13	21.57	21.53	21.43	21.36	0-1	1
	1	25	22.14	21.91	21.82	21.73	21.71		1
	1	49	22.14	21.54	21.54	21.44	21.42		1
	25	0	21.18	20.97	20.74	20.59	20.58	0-2	2
	25	12	21.24	21.04	20.85	20.74	20.72		2
	25	25	21.17	20.89	20.73	20.67	20.63		2
50	0	21.11	20.96	20.72	20.67	20.64	2		
64QAM	1	0	21.13	20.73	20.53	20.34	20.38	0-2	2
	1	25	21.18	21.02	20.81	20.68	20.69		2
	1	49	21.13	20.63	20.52	20.39	20.46		2
	25	0	20.18	19.99	19.75	19.58	19.58	0-3	3
	25	12	20.21	20.09	19.87	19.76	19.76		3
	25	25	20.19	19.87	19.77	19.69	19.64		3
50	0	20.11	19.96	19.78	19.67	19.65	3		

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Table H-20
LTE Band 41 Ant B Measured P_{Max} for DSI = 0 (Body-worn or Phablet/UMPC with grip sensor inactive) and DSI = 3/4 (Head) – 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	23.23	22.93	22.69	22.59	22.62	0	0	
	1	12	23.21	23.04	22.75	22.65	22.76		0	
	1	24	23.19	22.86	22.66	22.58	22.67		0	
	16QAM	12	0	22.21	22.04	21.81	21.74	21.73	0-1	1
		12	6	22.22	22.09	21.87	21.78	21.75		1
		12	13	22.20	21.95	21.82	21.72	21.72		1
		64QAM	25	0	22.19	22.04	21.82	21.72	21.73	0-1
1			0	22.19	21.89	21.70	21.59	21.70	1	
1			12	22.24	21.97	21.73	21.64	21.77	1	
16QAM			1	24	22.18	21.84	21.67	21.54	21.74	0-2
	12		0	21.18	21.06	20.81	20.72	20.74	2	
	12		6	21.23	21.07	20.84	20.78	20.78	2	
	64QAM		12	13	21.22	20.93	20.81	20.71	20.71	0-2
		25	0	21.19	21.05	20.82	20.74	20.76	2	
		1	0	21.20	20.88	20.69	20.65	20.67	2	
		64QAM	1	12	21.18	21.04	20.81	20.69	20.77	0-2
1			24	21.13	20.81	20.72	20.65	20.64	2	
12			0	20.21	20.00	19.81	19.72	19.71	3	
64QAM			12	6	20.29	20.02	19.88	19.72	19.73	0-3
	12		13	20.22	19.96	19.80	19.82	19.71	3	
	25		0	20.19	20.07	19.80	19.77	19.75	3	

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Table H-21

LTE Band 41 Ant B Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.02	17.67	17.51	17.45	17.22	0	0	
	1	36	18.13	17.83	17.77	17.62	17.61		0	
	1	74	18.04	17.56	17.58	17.38	17.56		0	
	16QAM	36	0	18.11	17.81	17.57	17.48	17.40	0-1	0
		36	18	18.10	17.87	17.72	17.62	17.60		0
		36	37	18.10	17.71	17.70	17.52	17.62		0
		75	0	18.03	17.81	17.66	17.52	17.55		0
64QAM	1	0	18.08	17.62	17.34	17.26	17.32	0-1		0
	1	36	18.12	17.82	17.58	17.41	17.67			0
	1	74	18.05	17.51	17.38	17.14	17.63			0
	16QAM	36	0	18.12	17.79	17.59	17.46	17.42	0-2	0
		36	18	18.13	17.86	17.67	17.59	17.65		0
		36	37	18.15	17.71	17.65	17.52	17.66		0
64QAM	75	0	18.05	17.80	17.61	17.53	17.58	0		
	1	0	18.00	17.64	17.39	17.32	17.21	0-2		0
	1	36	18.06	17.88	17.57	17.52	17.59			0
	1	74	18.05	17.54	17.43	17.25	17.51		0	
	16QAM	36	0	18.11	17.71	17.57	17.46	17.39	0-3	0
36		18	18.10	17.86	17.70	17.59	17.62	0		
36		37	18.10	17.69	17.69	17.53	17.61	0		
75		0	18.03	17.79	17.63	17.54	17.55	0		

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Table H-22

LTE Band 41 Ant B Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.16	17.72	17.57	17.41	17.39	0	0	
	1	25	18.22	18.02	17.84	17.73	17.72		0	
	1	49	18.17	17.66	17.54	17.44	17.43		0	
	QPSK	25	0	18.24	17.99	17.73	17.54	17.54	0-1	0
		25	12	18.23	18.05	17.83	17.76	17.71		0
		25	25	18.21	17.85	17.74	17.63	17.64		0
		50	0	18.15	17.98	17.74	17.62	17.63		0
16QAM	1	0	18.13	17.73	17.32	17.24	17.39	0-1	0	
	1	25	18.17	17.97	17.68	17.58	17.71		0	
	1	49	18.19	17.68	17.35	17.31	17.38		0	
	16QAM	25	0	18.25	17.99	17.77	17.58	17.59	0-2	0
		25	12	18.23	18.11	17.89	17.74	17.76		0
		25	25	18.21	17.89	17.78	17.65	17.65		0
		50	0	18.13	17.97	17.75	17.68	17.64		0
64QAM	1	0	18.14	17.74	17.43	17.30	17.43	0-2	0	
	1	25	18.21	18.01	17.69	17.64	17.77		0	
	1	49	18.16	17.69	17.44	17.29	17.44		0	
	64QAM	25	0	18.22	17.98	17.74	17.58	17.58	0-3	0
		25	12	18.24	18.06	17.84	17.74	17.72		0
		25	25	18.20	17.90	17.76	17.67	17.65		0
		50	0	18.10	17.96	17.77	17.66	17.64		0

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Table H-23

LTE Band 41 Ant B Measured P_{Limit} for DSI = 1/2 (Phablet/UMPC with grip sensor active), or DSI = 5/6 (Hotspot Mode), and/or DSI = 7/8 (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	18.09	17.92	17.78	17.60	17.62	0	0
	1	12	18.15	17.96	17.84	17.66	17.75		0
	1	24	18.08	17.87	17.74	17.59	17.65		0
	12	0	18.18	18.02	17.80	17.74	17.72	0-1	0
	12	6	18.24	18.04	17.86	17.74	17.79		0
	12	13	18.21	17.94	17.81	17.72	17.75		0
16QAM	25	0	18.16	18.04	17.83	17.72	17.73	0-1	0
	1	0	18.04	17.92	17.73	17.56	17.68		0
	1	12	18.12	17.97	17.83	17.67	17.78		0
	1	24	18.06	17.85	17.75	17.57	17.69	0-2	0
	12	0	18.23	18.05	17.84	17.71	17.74		0
	12	6	18.26	18.08	17.89	17.76	17.78		0
64QAM	12	13	18.23	17.98	17.84	17.69	17.77	0-2	0
	25	0	18.21	18.02	17.81	17.76	17.77		0
	1	0	18.04	18.03	17.74	17.65	17.59		0-3
	1	12	18.09	17.97	17.81	17.75	17.72	0	
	1	24	18.15	17.97	17.73	17.64	17.59	0	
	12	0	18.24	18.08	17.81	17.76	17.74	0	
12	6	18.23	18.12	17.89	17.81	17.77	0		
12	13	18.21	17.95	17.80	17.75	17.75	0		
25	0	18.18	18.03	17.80	17.74	17.74	0		

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H.1.6 LTE Band 41 Ant F

Table H-24

LTE Band 41 Ant F Measured P_{Max} for DSI = 3/4 (Head) – 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.48	23.33	23.24	23.05	22.97	0	0
	1	36	23.58	23.50	23.49	23.12	23.01		0
	1	74	23.53	23.29	23.32	23.08	22.73		0
	36	0	22.49	22.41	22.40	22.19	22.16	0-1	1
	36	18	22.53	22.47	22.49	22.25	22.20		1
	36	37	22.48	22.49	22.41	22.30	22.02		1
16QAM	75	0	22.50	22.45	22.41	22.28	22.24	0-1	1
	1	0	22.46	22.15	22.08	22.10	22.07		1
	1	36	22.49	22.51	22.43	22.11	22.11		1
	1	74	22.49	22.25	22.21	22.07	21.83	0-2	1
	36	0	21.51	21.36	21.35	21.20	21.23		2
	36	18	21.54	21.45	21.47	21.35	21.32		2
64QAM	36	37	21.46	21.49	21.38	21.25	21.17	0-2	2
	75	0	21.48	21.50	21.38	21.30	21.29		2
	1	0	21.55	21.18	21.18	21.11	21.02		2
	1	36	21.56	21.55	21.47	21.32	21.21	0-2	2
	1	74	21.55	21.27	21.33	21.10	20.98		2
	36	0	20.52	20.38	20.33	20.17	20.19		0-3
36	18	20.52	20.44	20.46	20.32	20.33	3		
36	37	20.43	20.45	20.37	20.28	20.27	3		
75	0	20.46	20.46	20.40	20.26	20.29	3		

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Table H-25
LTE Band 41 Ant F Measured P_{Max} for DSI = 3/4 (Head) – 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.57	23.32	23.22	23.09	23.15	0	0
	1	25	23.63	23.71	23.59	23.19	23.08		0
	1	49	23.56	23.41	23.27	23.14	23.01		0
	25	0	22.63	22.52	22.53	22.29	22.33	0-1	1
	25	12	22.69	22.71	22.63	22.34	22.22		1
	25	25	22.57	22.64	22.43	22.36	22.13		1
	50	0	22.55	22.59	22.52	22.35	22.29	1	
16QAM	1	0	22.54	22.34	22.09	22.04	22.19	0-1	1
	1	25	22.52	22.65	22.42	22.16	22.18		1
	1	49	22.52	22.46	22.12	22.10	22.13		1
	25	0	21.63	21.53	21.56	21.27	21.33	0-2	2
	25	12	21.67	21.74	21.65	21.45	21.34		2
	25	25	21.55	21.61	21.45	21.34	21.26		2
	50	0	21.57	21.59	21.50	21.35	21.33	2	
64QAM	1	0	21.67	21.30	21.33	21.13	21.09	0-2	2
	1	25	21.66	21.57	21.62	21.46	21.20		2
	1	49	21.71	21.37	21.30	21.19	21.17		2
	25	0	20.64	20.51	20.49	20.28	20.31	0-3	3
	25	12	20.65	20.70	20.60	20.42	20.46		3
	25	25	20.53	20.62	20.42	20.34	20.38		3
	50	0	20.55	20.61	20.52	20.37	20.35	3	

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Table H-26
LTE Band 41 Ant F Measured P_{Max} for DSI = 3/4 (Head) – 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	23.43	23.61	23.40	23.17	23.36	0	0
	1	12	23.52	23.79	23.59	23.21	23.18		0
	1	24	23.45	23.70	23.50	23.23	22.99		0
	12	0	22.57	22.64	22.56	22.31	22.29	0-1	1
	12	6	22.61	22.67	22.57	22.32	22.20		1
	12	13	22.55	22.66	22.46	22.35	22.14		1
16QAM	25	0	22.54	22.66	22.54	22.35	22.23	0-1	1
	1	0	22.53	22.59	22.52	22.22	22.38		1
	1	12	22.61	22.71	22.55	22.27	22.19		1
	1	24	22.48	22.73	22.49	22.32	21.86	0-2	1
	12	0	21.52	21.64	21.55	21.29	21.38		2
	12	6	21.58	21.67	21.57	21.43	21.35		2
64QAM	12	13	21.55	21.64	21.44	21.41	21.32	0-2	2
	25	0	21.57	21.66	21.52	21.39	21.37		2
	1	0	21.54	21.58	21.41	21.30	21.42		0-2
	1	12	21.46	21.66	21.49	21.34	21.44	2	
	1	24	21.50	21.63	21.40	21.29	21.17	0-3	
	12	0	20.57	20.64	20.51	20.27	20.38		3
12	6	20.58	20.66	20.56	20.39	20.43	3		
64QAM	12	13	20.59	20.66	20.45	20.40	20.40	0-3	3
	25	0	20.56	20.59	20.51	20.35	20.36		3

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Table H-27

LTE Band 41 Ant F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Phablet with grip sensor active), DSI = 6 (Hotspot Mode), and/or DSI = 8 (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	19.92	19.73	19.86	19.70	19.71	0	0
	1	36	19.93	20.03	20.01	19.82	20.00		0
	1	74	19.88	19.84	19.82	19.58	19.99		0
	36	0	19.99	19.88	19.99	19.78	19.88	0-1	0
	36	18	20.00	19.98	20.07	19.88	19.99		0
	36	37	19.97	20.00	19.93	19.78	20.07		0
	75	0	19.93	19.98	20.02	19.83	19.90		0
16QAM	1	0	19.91	19.80	19.82	19.68	19.61	0-1	0
	1	36	19.97	20.03	20.02	19.82	20.04		0
	1	74	19.80	19.79	19.79	19.59	20.01		0
	36	0	19.99	19.95	20.00	19.73	19.86	0-2	0
	36	18	19.98	20.01	20.06	19.86	19.98		0
	36	37	19.86	19.91	19.90	19.77	20.08		0
	75	0	19.92	19.97	20.00	19.78	19.82		0
64QAM	1	0	19.93	19.77	19.77	19.67	19.70	0-2	0
	1	36	19.95	19.99	19.99	19.85	19.99		0
	1	74	19.91	19.80	19.76	19.51	20.05		0
	36	0	19.89	19.84	19.88	19.67	19.80	0-3	0
	36	18	19.87	19.95	19.97	19.78	19.92		0
	36	37	19.76	19.81	19.85	19.68	19.96		0
	75	0	19.82	19.88	19.92	19.70	19.85		0

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Table H-28

LTE Band 41 Ant F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Phablet with grip sensor active), DSI = 6 (Hotspot Mode), and/or DSI = 8 (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	20.45	20.22	20.22	20.10	20.08	0	0
	1	25	20.46	20.18	20.44	20.45	20.48		0
	1	49	20.44	20.30	20.19	20.14	20.16		0
	25	0	20.53	20.42	20.41	20.32	20.32	0-1	0
	25	12	20.58	20.64	20.48	20.47	20.39		0
	25	25	20.48	20.53	20.34	20.39	20.35		0
16QAM	1	0	20.51	20.53	20.39	20.38	20.30	0-1	0
	1	0	20.37	20.26	20.07	20.03	20.18		0
	1	25	20.38	20.45	20.37	20.38	20.38		0
	1	49	20.34	20.43	20.00	20.12	20.19	0-2	0
	25	0	20.58	20.45	20.46	20.27	20.31		0
	25	12	20.62	20.62	20.56	20.47	20.39		0
64QAM	25	25	20.49	20.55	20.38	20.38	20.40	0-2	0
	50	0	20.50	20.53	20.48	20.37	20.30		0
	1	0	20.45	20.24	20.13	20.09	20.08		0-3
	1	25	20.49	20.48	20.50	20.46	20.48	0	
	1	49	20.44	20.30	20.22	20.12	20.17	0	
	25	0	20.42	20.30	20.36	20.13	20.18	0	
25	12	20.47	20.51	20.51	20.21	20.28	0-3	0	
25	25	20.34	20.41	20.32	20.19	20.27		0	
50	0	20.39	20.44	20.45	20.16	20.16	0		

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Table H-29

LTE Band 41 Ant F Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), DSI = 2 (Phablet with grip sensor active), DSI = 6 (Hotspot Mode), and/or DSI = 8 (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	20.26	20.43	20.37	20.27	20.34	0	0
	1	12	20.33	20.49	20.43	20.45	20.46		0
	1	24	20.28	20.44	20.32	20.34	20.39		0
	12	0	20.55	20.61	20.47	20.28	20.34	0-1	0
	12	6	20.57	20.65	20.55	20.38	20.37		0
	12	13	20.54	20.63	20.43	20.34	20.40		0
16QAM	25	0	20.52	20.62	20.49	20.33	20.35	0-1	0
	1	0	20.26	20.46	20.39	20.35	20.35		0
	1	12	20.33	20.49	20.46	20.41	20.48		0
	1	24	20.35	20.48	20.39	20.37	20.46	0-2	0
	12	0	20.62	20.62	20.52	20.25	20.36		0
	12	6	20.61	20.67	20.56	20.40	20.38		0
64QAM	12	13	20.59	20.64	20.43	20.37	20.42	0-2	0
	25	0	20.54	20.60	20.54	20.35	20.34		0
	1	0	20.32	20.49	20.40	20.31	20.35		0-3
	1	12	20.38	20.48	20.48	20.47	20.43	0	
	1	24	20.36	20.47	20.38	20.29	20.23	0	
	12	0	20.44	20.53	20.42	20.13	20.27	0-3	0
12	6	20.44	20.54	20.42	20.30	20.27	0		
12	13	20.40	20.47	20.30	20.20	20.28	0		
25	0	20.41	20.49	20.39	20.25	20.23	0	0	

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