




APPENDIX F: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

F.1 LTE Lower Bandwidth RF Conducted Powers

F.1.1 LTE Band 12

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

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.22	23.31	23.30	0	0
	1	12	23.28	23.34	23.18		0
	1	24	23.22	23.25	23.09		0
	12	0	22.49	22.53	22.51	0-1	1
	12	6	22.52	22.59	22.46		1
	12	13	22.48	22.51	22.38		1
16QAM	25	0	22.48	22.48	22.44	0-1	1
	1	0	22.79	22.54	22.94		1
	1	12	22.76	22.59	22.81		1
	1	24	22.80	22.49	22.72	0-2	1
	12	0	21.37	21.59	21.47		2
	12	6	21.42	21.75	21.44		2
64QAM	12	13	21.43	21.70	21.39	0-2	2
	25	0	21.53	21.59	21.35		2
	1	0	21.95	21.84	21.73		2
	1	12	21.96	21.82	21.56	0-2	2
	1	24	21.99	21.79	21.49		2
	12	0	20.50	20.61	20.38		0-3
12	6	20.55	20.73	20.35	3		
12	13	20.53	20.69	20.28	3		
	25	0	20.59	20.59	20.44		3

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**Table F-2
LTE Band 12 Maximum Conducted Powers - 3 MHz Bandwidth**

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.42	23.43	23.34	0	0
	1	7	23.35	23.41	23.24		0
	1	14	23.33	23.45	23.20		0
	8	0	22.52	22.56	22.43	0-1	1
	8	4	22.52	22.62	22.39		1
	8	7	22.55	22.63	22.35		1
16QAM	15	0	22.56	22.63	22.40		1
	1	0	22.75	22.70	22.75	0-1	1
	1	7	22.88	22.82	22.85		1
	1	14	22.94	22.92	22.91		1
	8	0	21.66	21.63	21.49	0-2	2
	8	4	21.66	21.76	21.47		2
8	7	21.61	21.72	21.41	2		
64QAM	15	0	21.70	21.61	21.48		2
	1	0	21.92	21.84	21.83	0-2	2
	1	7	21.84	21.78	21.68		2
	1	14	21.86	21.83	21.96		2
	8	0	20.69	20.60	20.65	0-3	3
	8	4	20.68	20.71	20.65		3
8	7	20.62	20.64	20.67	3		
	15	0	20.68	20.63	20.46		3





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Table F-3
LTE Band 12 Maximum Conducted Powers - 1.4 MHz Bandwidth



LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.32	23.39	23.25	0	0
	1	2	23.34	23.48	23.35		0
	1	5	23.29	23.42	23.22		0
	3	0	23.34	23.49	23.25		0
	3	2	23.36	23.58	23.22		0
	3	3	23.32	23.52	23.20		0
16QAM	1	0	22.96	22.79	22.67	0-1	1
	1	2	22.95	22.68	22.72		1
	1	5	22.90	22.85	22.67		1
	3	0	22.63	22.42	22.58		1
	3	2	22.67	22.48	22.59		1
	3	3	22.61	22.42	22.57		1
64QAM	1	0	21.83	21.69	21.50	0-2	2
	1	2	21.89	21.66	21.67		2
	1	5	21.81	21.67	21.60		2
	3	0	21.56	21.61	21.64		2
	3	2	21.59	21.64	21.65		2
	3	3	21.60	21.59	21.64		2
	6	0	20.74	20.63	20.47	0-3	3

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**Table F-4
LTE Band 13 Maximum Conducted Powers - 5 MHz Bandwidth**

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.88	0	0
	1	12	22.88		0
	1	24	22.99		0
	12	0	22.08	0-1	1
	12	6	22.11		1
	12	13	22.15		1
	25	0	22.15		1
16QAM	1	0	22.54	0-1	1
	1	12	22.53		1
	1	24	22.54		1
	12	0	21.13	0-2	2
	12	6	21.17		2
	12	13	21.21		2
	25	0	21.03		2
64QAM	1	0	21.32	0-2	2
	1	12	21.45		2
	1	24	21.48		2
	12	0	20.04	0-3	3
	12	6	20.11		3
	12	13	20.09		3
	25	0	20.13		3

Note: LTE Band 13 at 5 MHz bandwidth does 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.

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LTE Band 5

Table F-5
LTE Band 5 (Cell) Maximum Conducted Powers - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.97	24.84	24.85	0	0
	1	12	24.96	24.93	24.91		0
	1	24	24.92	24.92	24.87		0
	12	0	24.15	24.03	24.02	0-1	1
	12	6	24.19	24.16	24.10		1
	12	13	24.16	24.12	24.08		1
	25	0	24.15	24.10	24.04		1
16QAM	1	0	24.56	24.40	24.47	0-1	1
	1	12	24.52	24.45	24.53		1
	1	24	24.53	24.45	24.44		1
	12	0	23.16	23.13	23.04	0-2	2
	12	6	23.18	23.24	23.14		2
	12	13	23.14	23.19	23.08		2
	25	0	23.19	23.11	22.93		2
64QAM	1	0	23.69	23.60	23.30	0-2	2
	1	12	23.64	23.65	23.38		2
	1	24	23.66	23.42	23.36		2
	12	0	22.23	22.11	21.99	0-3	3
	12	6	22.28	22.20	22.07		3
	12	13	22.21	22.14	22.02		3
	25	0	22.24	22.13	22.03		3



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Table F-6
LTE Band 5 (Cell) Maximum Conducted Powers - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	25.06	24.93	24.91	0	0	
	1	7	24.99	25.00	24.94		0	
	1	14	25.02	25.00	24.97		0	
	8	0	24.22	24.05	23.99	0-1	1	
	8	4	24.22	24.15	24.07		1	
	8	7	24.19	24.12	24.03		1	
16QAM	15	0	24.21	24.13	24.03	0-1	1	
	1	0	24.67	24.42	24.65		1	
	1	7	24.67	24.51	24.61		1	
	1	14	24.68	24.49	24.63	0-2	1	
	8	0	23.32	23.14	23.05		2	
	8	4	23.37	23.22	23.13		2	
64QAM	8	7	23.33	23.22	23.07	0-2	2	
	15	0	23.31	23.08	23.06		2	
	1	0	23.57	23.40	23.65		0-2	2
	1	7	23.48	23.62	23.62	2		
	1	14	23.51	23.44	23.64	2		
	64QAM	8	0	22.34	22.11	22.30	0-3	3
		8	4	22.33	22.18	22.38		3
		8	7	22.32	22.12	22.31		3
15		0	22.36	22.32	22.08	3		



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Table F-7
LTE Band 5 (Cell) Maximum Conducted Powers - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	25.01	24.89	24.96	0	0
	1	2	25.06	25.01	25.02		0
	1	5	25.01	24.97	24.94		0
	3	0	25.05	24.94	24.93		0
	3	2	25.06	25.06	24.95		0
	3	3	25.04	25.01	24.92		0
	6	0	24.16	24.03	24.01	0-1	1
16QAM	1	0	24.60	24.32	24.41	0-1	1
	1	2	24.65	24.43	24.47		1
	1	5	24.60	24.39	24.37		1
	3	0	24.34	23.91	24.32		1
	3	2	24.36	24.01	24.36		1
	3	3	24.33	23.98	24.33		1
	6	0	23.17	23.02	23.13	0-2	2
64QAM	1	0	23.54	23.55	23.52	0-2	2
	1	2	23.60	23.65	23.59		2
	1	5	23.56	23.42	23.51		2
	3	0	23.30	23.12	23.17		2
	3	2	23.37	23.20	23.16		2
	3	3	23.31	23.19	23.02		2
	6	0	22.36	22.36	22.15	0-3	3




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Table F-8
LTE Band 5 (Cell) Reduced Conducted Powers - Hotspot Mode 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]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.20	23.09	23.23	0	0
	1	12	23.35	23.23	23.41		0
	1	24	23.16	23.18	23.27		0
	12	0	23.37	23.30	23.40	0-1	0
	12	6	23.39	23.33	23.44		0
	12	13	23.38	23.35	23.39		0
16QAM	25	0	23.34	23.33	23.35	0-1	0
	1	0	23.49	23.53	23.59		0
	1	12	23.58	23.59	23.57		0
	1	24	23.60	23.57	23.64	0-2	0
	12	0	23.21	23.14	23.24		0.3
	12	6	23.20	23.18	23.30		0.3
64QAM	12	13	23.15	23.17	23.28	0-2	0.3
	25	0	23.18	23.14	23.20		0.3
	1	0	23.21	23.15	23.25		0.3
	1	12	23.24	23.28	23.40	0-2	0.3
	1	24	23.27	23.22	23.35		0.3
	12	0	22.17	22.11	22.23		0-3
	12	6	22.18	22.15	22.29	1.3	
	12	13	22.12	22.16	22.26	1.3	
25	0	22.15	22.13	22.19		1.3	




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Table F-9
LTE Band 5 (Cell) Reduced Conducted Powers - Hotspot Mode 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]	MPR [dB]	
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.26	23.16	23.29	0	0	
	1	7	23.30	23.24	23.33		0	
	1	14	23.25	23.27	23.27		0	
	8	0	23.31	23.27	23.39	0-1	0	
	8	4	23.36	23.35	23.47		0	
	8	7	23.32	23.32	23.42		0	
16QAM	15	0	23.31	23.30	23.33	0-1	0	
	1	0	23.53	23.52	23.61		0	
	1	7	23.64	23.60	23.60		0	
	1	14	23.54	23.58	23.56	0-2	0	
	8	0	23.30	23.19	23.24		0.3	
	8	4	23.24	23.24	23.29		0.3	
64QAM	8	7	23.21	23.23	23.26	0-2	0.3	
	15	0	23.14	23.10	23.20		0.3	
	1	0	23.28	23.17	23.34		0-2	0.3
	1	7	23.29	23.28	23.36	0.3		
	1	14	23.20	23.24	23.31	0.3		
	8	0	22.15	22.11	22.22	0-3		1.3
	8	4	22.16	22.20	22.29			1.3
	8	7	22.15	22.18	22.24		1.3	
15	0	22.18	22.15	22.22		1.3		




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Table F-10
LTE Band 5 (Cell) Reduced Conducted Powers - Hotspot 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]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.14	23.17	23.22	0	0
	1	2	23.24	23.26	23.32		0
	1	5	23.18	23.32	23.21		0
	3	0	23.17	23.15	23.24		0
	3	2	23.22	23.17	23.26		0
	3	3	23.18	23.21	23.16		0
16QAM	6	0	23.28	23.28	23.34	0-1	0
	1	0	23.61	23.47	23.62	0-1	0
	1	2	23.56	23.63	23.63		0
	1	5	23.47	23.40	23.58		0
	3	0	23.37	23.36	23.38		0
	3	2	23.41	23.41	23.49		0
	3	3	23.35	23.46	23.42		0
6	0	23.12	23.22	23.25	0-2	0.3	
64QAM	1	0	23.19	23.19	23.26	0-2	0.3
	1	2	23.27	23.33	23.31		0.3
	1	5	23.22	23.37	23.38		0.3
	3	0	23.15	23.10	23.23		0.3
	3	2	23.21	23.25	23.30		0.3
	3	3	23.14	23.27	23.20		0.3
	6	0	22.08	22.10	22.10	0-3	1.3




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Table F-11
LTE Band 4 (AWS) Maximum Conducted Powers - 15 MHz Bandwidth

LTE Band 4 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20025 (1717.5 MHz)	20175 (1732.5 MHz)	20325 (1747.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.88	23.02	22.81	0	0
	1	36	23.20	23.28	22.96		0
	1	74	23.03	22.99	22.77		0
	36	0	22.41	22.34	22.10	0-1	1
	36	18	22.50	22.45	22.19		1
	36	37	22.40	22.28	22.02		1
	75	0	22.33	22.27	22.08		1
16QAM	1	0	22.70	22.42	22.61	0-1	1
	1	36	22.88	22.75	22.70		1
	1	74	22.73	22.52	22.47		1
	36	0	21.38	21.41	21.07	0-2	2
	36	18	21.50	21.49	21.15		2
	36	37	21.38	21.35	21.05		2
	75	0	21.33	21.32	21.10		2
64QAM	1	0	21.41	21.65	21.58	0-2	2
	1	36	21.86	21.94	21.71		2
	1	74	21.62	21.65	21.49		2
	36	0	20.35	20.53	20.18	0-3	3
	36	18	20.52	20.61	20.22		3
	36	37	20.41	20.45	20.10		3
	75	0	20.34	20.36	20.12		3




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Table F-12
LTE Band 4 (AWS) Maximum Conducted Powers - 10 MHz Bandwidth

LTE Band 4 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20000 (1715.0 MHz)	20175 (1732.5 MHz)	20350 (1750.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.02	23.03	23.02	0	0
	1	25	23.33	23.29	23.00		0
	1	49	23.06	23.01	23.04		0
	25	0	22.39	22.40	22.05	0-1	1
	25	12	22.42	22.49	22.14		1
	25	25	22.33	22.28	22.01		1
16QAM	50	0	22.31	22.39	22.01	0-1	1
	1	0	22.70	22.58	22.48		1
	1	25	23.00	22.88	22.75		1
	1	49	22.79	22.53	22.47	0-2	1
	25	0	21.42	21.44	21.06		2
	25	12	21.42	21.49	21.17		2
64QAM	25	25	21.30	21.31	20.96	0-2	2
	50	0	21.36	21.43	21.02		2
	1	0	21.20	21.66	21.44		2
	1	25	21.60	21.97	21.72	0-2	2
	1	49	21.53	21.64	21.53		2
	25	0	20.32	20.53	20.10		0-3
25	12	20.50	20.58	20.18	3		
25	25	20.39	20.42	20.05	3		
	50	0	20.33	20.46	20.06		3




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Table F-13
LTE Band 4 (AWS) Maximum Conducted Powers - 5 MHz Bandwidth

LTE Band 4 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19975 (1712.5 MHz)	20175 (1732.5 MHz)	20375 (1752.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.23	23.33	22.86	0	0
	1	12	23.20	23.30	22.87		0
	1	24	23.21	23.10	22.80		0
	12	0	22.40	22.49	22.09	0-1	1
	12	6	22.49	22.49	22.13		1
	12	13	22.42	22.32	22.03		1
16QAM	25	0	22.41	22.43	22.12	0-1	1
	1	0	22.83	22.81	22.56		1
	1	12	22.86	22.81	22.57		1
	1	24	22.77	22.37	22.49	0-2	1
	12	0	21.44	21.60	21.11		2
	12	6	21.48	21.53	21.13		2
64QAM	12	13	21.38	21.46	21.04	0-2	2
	25	0	21.45	21.49	21.02		2
	1	0	21.41	21.50	21.33		2
	1	12	21.53	21.48	21.35	0-2	2
	1	24	21.79	21.40	21.28		2
	12	0	20.08	20.52	20.02		0-3
	12	6	20.19	20.55	20.07	3	
	12	13	20.28	20.38	19.97	3	
	25	0	20.16	20.50	20.08		3




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Table F-14
LTE Band 4 (AWS) Maximum Conducted Powers - 3 MHz Bandwidth

LTE Band 4 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19965 (1711.5 MHz)	20175 (1732.5 MHz)	20385 (1753.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.35	23.38	23.00	0	0
	1	7	23.25	23.32	22.93		0
	1	14	23.26	23.24	22.93		0
	8	0	22.47	22.50	22.07	0-1	1
	8	4	22.43	22.51	22.14		1
	8	7	22.46	22.37	22.07		1
	15	0	22.46	22.46	22.14		1
16QAM	1	0	22.90	22.84	22.77	0-1	1
	1	7	22.90	22.75	22.77		1
	1	14	22.89	22.72	22.75		1
	8	0	21.59	21.58	21.15	0-2	2
	8	4	21.56	21.52	21.21		2
	8	7	21.58	21.46	21.13		2
	15	0	21.53	21.45	21.21		2
64QAM	1	0	21.51	21.53	21.78	0-2	2
	1	7	21.51	21.42	21.72		2
	1	14	21.45	21.41	21.70		2
	8	0	20.13	20.47	20.37	0-3	3
	8	4	20.21	20.47	20.42		3
	8	7	20.22	20.36	20.33		3
	15	0	20.18	20.60	20.16		3



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Table F-15
LTE Band 4 (AWS) Maximum Conducted Powers - 1.4 MHz Bandwidth

LTE Band 4 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19957 (1710.7 MHz)	20175 (1732.5 MHz)	20393 (1754.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.24	23.30	23.03	0	0
	1	2	23.29	23.32	23.11		0
	1	5	23.28	23.17	22.98		0
	3	0	23.27	23.33	23.00		0
	3	2	23.32	23.37	23.02		0
	3	3	23.31	23.32	22.95		0
16QAM	6	0	22.41	22.41	22.09	0-1	1
	1	0	22.91	22.78	22.49	0-1	1
	1	2	22.91	22.84	22.55		1
	1	5	22.89	22.67	22.44		1
	3	0	22.58	22.32	22.35		1
	3	2	22.63	22.36	22.38		1
	3	3	22.60	22.32	22.34		1
64QAM	6	0	21.44	21.33	21.18	0-2	2
	1	0	21.26	21.97	21.86	0-2	2
	1	2	21.34	22.00	21.91		2
	1	5	21.35	21.85	21.87		2
	3	0	21.07	21.73	21.08		2
	3	2	21.12	21.73	21.13		2
	3	3	21.11	21.71	21.06		2
6	0	20.20	20.63	20.20	0-3	3	




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Table F-16
LTE Band 4 (AWS) Reduced Conducted Powers - Hotspot Mode Active - 15 MHz Bandwidth

LTE Band 4 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20025 (1717.5 MHz)	20175 (1732.5 MHz)	20325 (1747.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.54	18.46	18.30	0	0
	1	36	18.81	18.43	18.65		0
	1	74	18.61	18.47	18.60		0
	36	0	18.85	18.55	18.61	0-1	0
	36	18	18.91	18.60	18.76		0
	36	37	18.71	18.62	18.82		0
	75	0	18.77	18.56	18.68		0
16QAM	1	0	18.79	18.48	18.77	0-1	0
	1	36	18.84	18.79	18.82		0
	1	74	18.73	18.72	18.76		0
	36	0	18.88	18.53	18.65	0-2	0
	36	18	18.91	18.58	18.74		0
	36	37	18.74	18.63	18.87		0
	75	0	18.79	18.61	18.66		0
64QAM	1	0	18.73	18.65	18.61	0-2	0
	1	36	18.88	18.70	18.77		0
	1	74	18.80	18.76	18.73		0
	36	0	18.91	18.56	18.63	0-3	0
	36	18	18.96	18.62	18.79		0
	36	37	18.78	18.68	18.90		0
	75	0	18.81	18.53	18.72		0




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Table F-17
LTE Band 4 (AWS) Reduced Conducted Powers - Hotspot Mode Active - 10 MHz Bandwidth

LTE Band 4 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20000 (1715.0 MHz)	20175 (1732.5 MHz)	20350 (1750.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.62	18.22	18.42	0	0
	1	25	18.84	18.50	18.80		0
	1	49	18.60	18.29	18.55		0
	25	0	19.00	18.53	18.74	0-1	0
	25	12	18.95	18.61	18.83		0
	25	25	18.86	18.50	18.79		0
16QAM	50	0	18.88	18.55	18.73	0-1	0
	1	0	18.84	18.48	18.80		0
	1	25	18.90	18.73	18.90		0
	1	49	18.85	18.72	18.83	0-2	0
	25	0	18.90	18.48	18.72		0
	25	12	18.95	18.64	18.84		0
64QAM	25	25	18.86	18.48	18.79	0-2	0
	50	0	18.90	18.59	18.73		0
	1	0	18.73	18.38	18.59		0-3
	1	25	18.90	18.66	18.80	0	
	1	49	18.71	18.50	18.73	0	
	25	0	18.99	18.53	18.70	0-3	0
25	12	18.97	18.65	18.84	0		
25	25	18.91	18.49	18.79	0		
	50	0	18.96	18.55	18.71		0




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Table F-18
LTE Band 4 (AWS) Reduced Conducted Powers - Hotspot Mode Active - 5 MHz Bandwidth

LTE Band 4 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19975 (1712.5 MHz)	20175 (1732.5 MHz)	20375 (1752.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.87	18.48	18.75	0	0
	1	12	18.80	18.53	18.88		0
	1	24	18.84	18.46	18.76		0
	12	0	18.86	18.57	18.94	0-1	0
	12	6	18.86	18.64	18.94		0
	12	13	18.83	18.63	18.83		0
16QAM	25	0	19.00	18.60	18.92	0-1	0
	1	0	18.90	18.85	18.89		0
	1	12	18.91	18.75	18.85		0
	1	24	18.87	18.80	18.89	0-2	0
	12	0	18.86	18.62	19.00		0
	12	6	18.93	18.70	19.00		0
64QAM	12	13	18.97	18.66	18.95	0-2	0
	25	0	18.95	18.61	18.90		0
	1	0	18.86	18.77	18.80		0-3
	1	12	18.77	18.71	18.88	0	
	1	24	18.90	18.72	18.91	0	
	12	0	18.93	18.58	18.95	0-3	0
12	6	18.96	18.69	18.94	0		
12	13	18.95	18.63	18.86	0		
	25	0	18.93	18.61	18.90		0




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Table F-19
LTE Band 4 (AWS) Reduced Conducted Powers - Hotspot Mode Active - 3 MHz Bandwidth

LTE Band 4 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19965 (1711.5 MHz)	20175 (1732.5 MHz)	20385 (1753.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.72	18.33	18.74	0	0
	1	7	18.73	18.45	18.75		0
	1	14	18.82	18.35	18.67		0
	8	0	19.00	18.42	18.82	0-1	0
	8	4	18.82	18.50	18.86		0
	8	7	18.99	18.47	18.80		0
	15	0	18.86	18.51	18.83		0
16QAM	1	0	18.87	18.74	18.91	0-1	0
	1	7	18.75	18.72	18.82		0
	1	14	18.90	18.77	18.80		0
	8	0	18.88	18.57	18.92	0-2	0
	8	4	18.89	18.66	18.99		0
	8	7	18.91	18.58	18.89		0
	15	0	18.92	18.53	18.88		0
64QAM	1	0	18.90	18.63	18.80	0-2	0
	1	7	18.87	18.69	18.87		0
	1	14	18.85	18.65	18.76		0
	8	0	18.97	18.50	18.88	0-3	0
	8	4	18.99	18.58	18.90		0
	8	7	18.99	18.51	18.86		0
	15	0	18.84	18.56	18.87		0




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Table F-20
LTE Band 4 (AWS) Reduced Conducted Powers - Hotspot Mode Active - 1.4 MHz Bandwidth

LTE Band 4 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19957 (1710.7 MHz)	20175 (1732.5 MHz)	20393 (1754.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.83	18.41	18.69	0	0
	1	2	18.76	18.48	18.79		0
	1	5	18.88	18.39	18.64		0
	3	0	18.89	18.41	18.72		0
	3	2	18.94	18.42	18.75		0
	3	3	18.88	18.35	18.68		0
16QAM	6	0	18.95	18.49	18.77	0-1	0
	1	0	18.90	18.76	18.90	0-1	0
	1	2	18.91	18.85	18.88		0
	1	5	18.88	18.79	18.89		0
	3	0	18.89	18.62	18.91		0
	3	2	18.91	18.64	18.94		0
3	3	18.90	18.59	18.89	0		
64QAM	6	0	18.93	18.53	18.84	0-2	0
	1	0	18.90	18.65	18.90	0-2	0
	1	2	18.91	18.75	18.88		0
	1	5	18.89	18.65	18.91		0
	3	0	18.85	18.57	18.86		0
	3	2	18.84	18.62	18.90		0
3	3	18.90	18.58	18.84	0		
	6	0	18.92	18.56	18.80	0-3	0




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Table F-21
LTE Band 4 (AWS) Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 15 MHz Bandwidth

LTE Band 4 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20025 (1717.5 MHz)	20175 (1732.5 MHz)	20325 (1747.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.05	20.09	19.86	0	0
	1	36	20.23	20.20	19.95		0
	1	74	20.24	19.98	19.82		0
	36	0	20.29	20.28	20.03	0-1	0
	36	18	20.38	20.36	20.12		0
	36	37	20.30	20.21	19.98		0
	75	0	20.28	20.21	20.09		0
16QAM	1	0	20.27	20.22	20.28	0-1	0
	1	36	20.39	20.43	20.39		0
	1	74	20.45	20.40	20.19		0
	36	0	20.29	20.30	20.10	0-2	0
	36	18	20.44	20.38	20.17		0
	36	37	20.35	20.27	20.07		0
	75	0	20.28	20.22	20.09		0
64QAM	1	0	20.30	20.23	20.12	0-2	0
	1	36	20.44	20.48	20.23		0
	1	74	20.45	20.29	20.09		0
	36	0	20.33	20.21	20.07	0-3	0
	36	18	20.45	20.40	20.13		0
	36	37	20.37	20.33	19.98		0
	75	0	20.33	20.23	20.09		0




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Table F-22
LTE Band 4 (AWS) Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 10 MHz Bandwidth

LTE Band 4 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20000 (1715.0 MHz)	20175 (1732.5 MHz)	20350 (1750.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.83	19.84	19.51	0	0
	1	25	20.13	19.98	19.74		0
	1	49	19.96	19.69	19.47		0
	25	0	20.15	20.04	19.83	0-1	0
	25	12	20.17	20.14	19.84		0
	25	25	20.07	19.95	19.73		0
16QAM	50	0	20.05	20.07	19.79	0-1	0
	1	0	20.10	20.08	19.89		0
	1	25	20.44	20.41	20.06		0
	1	49	20.21	20.11	19.84	0-2	0
	25	0	20.14	19.97	19.80		0
	25	12	20.12	20.11	19.84		0
64QAM	25	25	20.03	19.93	19.71	0-2	0
	50	0	20.05	20.07	19.77		0
	1	0	20.05	20.00	19.74		0
	1	25	20.30	20.21	19.89	0-3	0
	1	49	20.05	19.95	19.76		0
	25	0	19.97	20.07	19.79		0
64QAM	25	12	20.15	20.17	19.90	0-3	0
	25	25	20.03	19.98	19.77		0
	50	0	20.04	20.06	19.83		0




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Table F-23
LTE Band 4 (AWS) Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 5 MHz Bandwidth

LTE Band 4 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19975 (1712.5 MHz)	20175 (1732.5 MHz)	20375 (1752.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.96	19.91	19.65	0	0
	1	12	20.16	20.00	19.84		0
	1	24	20.03	19.79	19.60		0
	12	0	20.17	20.04	19.79	0-1	0
	12	6	20.22	20.05	19.82		0
	12	13	20.15	19.96	19.73		0
	25	0	20.18	20.01	19.78		0
16QAM	1	0	20.30	20.31	20.01	0-1	0
	1	12	20.35	20.25	20.08		0
	1	24	20.34	20.08	19.87		0
	12	0	20.19	20.14	19.87	0-2	0
	12	6	20.22	20.16	19.86		0
	12	13	20.09	20.05	19.80		0
	25	0	20.05	20.03	19.78		0
64QAM	1	0	20.18	20.17	19.94	0-2	0
	1	12	20.23	20.21	19.95		0
	1	24	20.14	20.06	19.86		0
	12	0	19.85	20.15	19.85	0-3	0
	12	6	19.95	20.12	19.84		0
	12	13	19.98	19.99	19.78		0
	25	0	19.84	20.01	19.75		0




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Table F-24
LTE Band 4 (AWS) Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 3 MHz Bandwidth

LTE Band 4 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19965 (1711.5 MHz)	20175 (1732.5 MHz)	20385 (1753.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	20.09	20.06	19.76	0	0
	1	7	20.10	19.99	19.73		0
	1	14	20.00	19.93	19.72		0
	8	0	20.12	20.10	19.81	0-1	0
	8	4	20.19	20.11	19.85		0
	8	7	20.10	20.00	19.80		0
	15	0	20.16	20.14	19.81		0
16QAM	1	0	20.37	20.38	20.11	0-1	0
	1	7	20.34	20.25	20.02		0
	1	14	20.28	20.20	20.10		0
	8	0	20.23	20.21	19.95	0-2	0
	8	4	20.20	20.23	20.00		0
	8	7	20.24	20.11	19.95		0
	15	0	20.19	20.10	19.91		0
64QAM	1	0	20.33	20.28	19.98	0-2	0
	1	7	20.34	20.29	20.00		0
	1	14	20.30	20.17	19.94		0
	8	0	19.83	20.16	19.87	0-3	0
	8	4	19.95	20.21	19.89		0
	8	7	19.89	20.09	19.89		0
	15	0	19.86	20.12	19.85		0




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Table F-25
LTE Band 4 (AWS) Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 1.4 MHz Bandwidth

LTE Band 4 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			19957 (1710.7 MHz)	20175 (1732.5 MHz)	20393 (1754.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.97	19.97	19.66	0	0
	1	2	20.13	20.02	19.74		0
	1	5	20.07	19.87	19.62		0
	3	0	20.06	19.98	19.71		0
	3	2	20.13	20.01	19.73		0
	3	3	20.08	19.96	19.66		0
16QAM	6	0	20.12	20.08	19.81	0-1	0
	1	0	20.37	20.33	20.11	0-1	0
	1	2	20.38	20.38	20.12		0
	1	5	20.39	20.19	20.06		0
	3	0	20.17	20.23	19.92		0
	3	2	20.24	20.21	19.98		0
3	3	20.22	20.19	19.94	0		
64QAM	6	0	20.17	20.14	19.84	0-2	0
	1	0	20.26	20.27	19.93	0-2	0
	1	2	20.33	20.30	20.01		0
	1	5	20.28	20.17	19.97		0
	3	0	20.17	20.18	19.87		0
	3	2	20.25	20.22	19.93		0
3	3	20.24	20.18	19.87	0		
	6	0	20.06	20.10	19.83	0-3	0




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Table F-26
LTE Band 41 Maximum Conducted Powers - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	23.82	24.27	24.15	24.32	24.46	0	0	
	1	36	24.00	24.47	24.44	24.51	24.82		0	
	1	74	24.06	24.17	24.24	24.18	24.73		0	
	QPSK	36	0	22.84	23.50	23.35	23.44	23.62	0-1	1
		36	18	22.98	23.55	23.48	23.48	23.74		1
		36	37	23.09	23.47	23.42	23.47	23.84		1
		75	0	22.98	23.45	23.33	23.42	23.64		1
16QAM	1	0	22.80	23.55	23.08	23.44	23.36	0-1	1	
	1	36	22.90	23.66	23.35	23.66	23.73		1	
	1	74	23.01	23.53	23.23	23.34	23.68		1	
	16QAM	36	0	21.91	22.47	22.38	22.49	22.70	0-2	2
		36	18	22.01	22.53	22.50	22.56	22.85		2
		36	37	22.09	22.46	22.47	22.52	22.91		2
		75	0	21.95	22.43	22.39	22.37	22.71		2
64QAM	1	0	21.57	22.23	21.99	22.52	22.18	0-2	2	
	1	36	21.71	22.44	22.27	22.75	22.59		2	
	1	74	21.89	22.14	22.09	22.45	22.52		2	
	64QAM	36	0	20.83	21.47	21.30	21.50	21.63	0-3	3
		36	18	20.96	21.57	21.47	21.58	21.75		3
		36	37	21.05	21.44	21.43	21.54	21.82		3
		75	0	20.99	21.47	21.38	21.40	21.68		3




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Table F-27
LTE Band 41 Maximum Conducted Powers - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	23.97	24.41	24.25	24.21	24.59	0	0
	1	25	24.08	24.61	24.48	24.49	24.86		0
	1	49	24.14	24.37	24.24	24.24	24.61		0
	25	0	22.92	23.58	23.40	23.40	23.66	0-1	1
	25	12	23.05	23.65	23.49	23.51	23.79		1
	25	25	23.03	23.56	23.40	23.45	23.73		1
16QAM	50	0	22.93	23.57	23.38	23.40	23.70	0-1	1
	1	0	22.98	23.26	23.31	23.39	23.63		1
	1	25	23.06	23.47	23.53	23.64	23.86		1
	1	49	23.23	23.24	23.30	23.45	23.65	0-2	1
	25	0	21.93	22.53	22.43	22.50	22.70		2
	25	12	22.11	22.61	22.54	22.51	22.80		2
64QAM	25	25	22.08	22.49	22.42	22.53	22.77	0-2	2
	50	0	21.97	22.58	22.38	22.43	22.69		2
	1	0	22.02	22.29	22.32	22.14	22.59		2
	1	25	22.00	22.45	22.58	22.47	22.91	0-3	2
	1	49	22.11	22.21	22.40	22.23	22.95		2
	25	0	20.88	21.63	21.36	21.41	21.63		3
25	12	21.01	21.72	21.46	21.46	21.76	0-3	3	
25	25	21.05	21.57	21.32	21.44	21.68		3	
50	0	20.96	21.58	21.38	21.40	21.65		3	



FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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Table F-28
LTE Band 41 Maximum Conducted Powers - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	23.93	24.61	24.22	24.37	24.75	0	0
	1	12	24.02	24.58	24.46	24.50	24.82		0
	1	24	24.13	24.56	24.47	24.44	24.83		0
	12	0	22.97	23.63	23.45	23.49	23.74	0-1	1
	12	6	23.06	23.64	23.50	23.53	23.77		1
	12	13	23.02	23.39	23.48	23.54	23.84		1
16QAM	25	0	23.04	23.63	23.46	23.48	23.81	0-1	1
	1	0	23.37	23.71	23.59	23.49	23.89		1
	1	12	23.39	23.71	23.82	23.48	23.89		1
	1	24	23.50	23.75	23.86	23.50	24.00	0-2	2
	12	0	21.96	22.64	22.43	22.63	22.73		2
	12	6	22.01	22.65	22.49	22.64	22.76		2
64QAM	12	13	22.00	22.59	22.48	22.67	22.83	0-2	2
	25	0	21.98	22.57	22.45	22.56	22.77		2
	1	0	21.84	22.49	22.33	22.60	22.64		2
	1	12	21.88	22.44	22.32	22.68	22.70	0-2	2
	1	24	21.98	22.48	22.30	22.64	22.67		2
	12	0	20.99	21.69	21.49	21.50	21.80		0-3
12	6	21.10	21.67	21.56	21.53	21.88	3		
12	13	21.09	21.67	21.54	21.55	21.86	3		
	25	0	21.00	21.62	21.46	21.49	21.78		3



FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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Table F-29
LTE Band 41 Reduced Conducted Powers - Hotspot Mode Active - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	18.27	18.79	18.61	19.00	18.70	0	0
	1	36	18.41	18.89	18.83	19.09	19.00		0
	1	74	18.59	18.64	18.65	18.81	18.98		0
	36	0	18.36	19.02	18.82	19.11	18.92	0-1	0
	36	18	18.48	19.01	18.96	19.12	19.08		0
	36	37	18.56	18.92	18.91	19.12	19.13		0
16QAM	75	0	18.52	18.98	18.89	19.06	19.00	0-1	0
	1	0	18.45	19.10	18.74	19.11	19.26		0
	1	36	18.61	19.11	19.00	19.26	19.50		0
	1	74	18.80	18.93	18.89	19.00	19.50	0-2	0
	36	0	18.33	19.11	18.80	19.08	19.28		0
	36	18	18.46	19.10	18.91	19.11	19.38		0
64QAM	36	37	18.56	19.02	18.91	19.09	19.47	0-2	0
	75	0	18.54	19.11	18.89	19.10	19.31		0
	1	0	18.06	18.74	18.32	18.71	18.70		0-2
	1	36	18.15	18.76	18.53	18.87	19.02	0	
	1	74	18.37	18.52	18.48	18.59	19.05	0	
	64QAM	36	0	18.38	19.14	18.84	19.15	19.25	0-3
36		18	18.52	19.14	18.98	19.18	19.39	0	
36		37	18.63	19.00	18.92	19.15	19.41	0	
75		0	18.54	19.09	18.90	19.13	19.31	0	



FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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Table F-30
LTE Band 41 Reduced Conducted Powers - Hotspot Mode Active - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	18.36	18.90	18.57	18.85	19.06	0	0
	1	25	18.55	19.05	18.77	19.06	19.30		0
	1	49	18.68	18.76	18.56	18.84	19.08		0
	25	0	18.54	19.17	18.86	19.04	19.25	0-1	0
	25	12	18.66	19.27	18.95	19.12	19.33		0
	25	25	18.66	19.11	18.84	19.07	19.33		0
16QAM	50	0	18.58	19.19	18.89	19.02	19.29	0-1	0
	1	0	18.54	19.01	18.76	19.00	19.23		0
	1	25	18.67	19.06	18.98	19.24	19.48		0
	1	49	18.81	18.96	18.74	18.94	19.24	0-2	0
	25	0	18.52	19.16	18.82	19.03	19.29		0
	25	12	18.65	19.24	18.97	19.12	19.38		0
64QAM	25	25	18.64	19.09	18.87	19.06	19.36	0-2	0
	50	0	18.62	19.18	18.93	19.06	19.34		0
	1	0	18.12	18.69	18.33	18.58	18.89		0-2
	1	25	18.22	18.85	18.58	18.82	19.17	0	
	1	49	18.36	18.54	18.43	18.54	19.04	0	
	64QAM	25	0	18.56	19.25	18.93	19.12	19.39	0-3
25		12	18.70	19.31	19.02	19.22	19.50	0	
25		25	18.72	19.17	18.93	19.14	19.45	0	
50		0	18.57	19.19	18.92	19.05	19.39	0	



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Table F-31
LTE Band 41 Reduced Conducted Powers - Hotspot Mode Active - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	18.40	19.00	18.84	19.03	19.09	0	0
	1	12	18.44	18.94	18.78	19.08	19.12		0
	1	24	18.55	18.87	18.82	19.03	19.13		0
	12	0	18.53	19.07	18.95	19.15	19.23	0-1	0
	12	6	18.64	19.12	18.97	19.17	19.22		0
	12	13	18.63	19.06	18.94	19.19	19.21		0
16QAM	25	0	18.59	19.03	18.94	19.16	19.19	0-1	0
	1	0	18.60	19.10	18.91	19.19	19.29		0
	1	12	18.71	19.09	19.02	19.33	19.43		0
	1	24	18.79	19.06	18.95	19.25	19.35	0-2	0
	12	0	18.48	19.13	18.90	19.14	19.21		0
	12	6	18.63	19.07	18.90	19.10	19.26		0
64QAM	12	13	18.58	19.00	18.85	19.11	19.22	0-2	0
	25	0	18.58	19.08	18.94	19.17	19.25		0
	1	0	18.22	18.75	18.57	18.86	19.09		0-2
	1	12	18.25	18.77	18.60	18.89	19.12	0	
	1	24	18.36	18.73	18.61	18.83	19.14	0	
	64QAM	12	0	18.55	19.14	18.99	19.19	19.38	0-3
12		6	18.68	19.19	18.99	19.21	19.42	0	
12		13	18.69	19.07	18.96	19.24	19.42	0	
25		0	18.69	19.12	18.98	19.24	19.44	0	



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Table F-32

LTE Band 41 Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	21.06	21.46	21.16	21.35	21.41	0	0
	1	36	21.09	21.48	21.45	21.42	21.69		0
	1	74	21.20	21.40	21.34	21.27	21.62		0
	36	0	21.07	21.36	21.39	21.45	21.69	0-1	0
	36	18	21.17	21.47	21.46	21.48	21.77		0
	36	37	21.25	21.45	21.51	21.48	21.83		0
	75	0	21.20	21.40	21.44	21.41	21.70		0
16QAM	1	0	21.38	21.77	21.33	21.62	21.40	0-1	0
	1	36	21.31	21.72	21.66	21.73	21.89		0
	1	74	21.39	21.71	21.50	21.30	21.74		0
	36	0	21.05	21.32	21.35	21.41	21.65	0-2	0
	36	18	21.16	21.40	21.45	21.44	21.73		0
	36	37	21.16	21.39	21.46	21.42	21.80		0
	75	0	21.23	21.41	21.50	21.43	21.75		0
64QAM	1	0	20.92	21.53	21.12	21.33	21.15	0-2	0
	1	36	21.04	21.51	21.50	21.50	21.63		0
	1	74	21.15	21.43	21.25	21.10	21.48		0
	36	0	21.13	21.39	21.42	21.49	21.73	0-3	0
	36	18	21.23	21.49	21.51	21.53	21.81		0
	36	37	21.29	21.51	21.54	21.50	21.87		0
	75	0	21.24	21.47	21.46	21.48	21.78		0



FCC ID: A3LSMF711JPN	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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Table F-33

LTE Band 41 Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	21.09	21.28	21.30	21.23	21.40	0	0
	1	25	21.16	21.39	21.42	21.45	21.72		0
	1	49	21.20	21.18	21.17	21.21	21.49		0
	25	0	21.12	21.50	21.52	21.46	21.72	0-1	0
	25	12	21.32	21.55	21.60	21.53	21.82		0
	25	25	21.31	21.43	21.46	21.51	21.75		0
16QAM	50	0	21.23	21.47	21.47	21.43	21.70	0-1	0
	1	0	21.35	21.59	21.50	21.61	21.40		0
	1	25	21.36	21.79	21.77	21.84	21.91		0
	25	0	21.23	21.52	21.51	21.46	21.76	0-2	0
	25	12	21.35	21.59	21.61	21.54	21.81		0
	25	25	21.32	21.45	21.45	21.52	21.79		0
64QAM	50	0	21.25	21.52	21.48	21.49	21.78	0-2	0
	1	0	20.94	21.32	21.26	21.19	21.18		0
	1	25	20.98	21.48	21.46	21.50	21.52		0
	1	49	21.11	21.20	21.18	21.04	21.49	0-3	0
	25	0	21.22	21.52	21.51	21.48	21.78		0
	25	12	21.33	21.60	21.59	21.56	21.84		0
	25	25	21.28	21.49	21.44	21.53	21.81	0	
	50	0	21.24	21.58	21.57	21.52	21.82	0	





FCC ID: A3LSMF711JPN	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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Table F-34

LTE Band 41 Reduced Conducted Powers - Grip Sensor and/or Earjack Mode Active - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	21.07	21.45	21.42	21.36	21.43	0	0
	1	12	21.13	21.41	21.41	21.44	21.74		0
	1	24	21.23	21.37	21.40	21.32	21.65		0
	12	0	21.21	21.52	21.55	21.51	21.71	0-1	0
	12	6	21.33	21.53	21.57	21.50	21.80		0
	12	13	21.30	21.51	21.52	21.54	21.82		0
16QAM	25	0	21.28	21.53	21.54	21.52	21.80	0-1	0
	1	0	21.42	21.72	21.60	21.75	21.74		0
	1	12	21.42	21.76	21.62	21.88	21.86		0
	1	24	21.45	21.71	21.71	21.58	21.77	0-2	0
	12	0	21.16	21.49	21.51	21.50	21.78		0
	12	6	21.26	21.54	21.57	21.54	21.80		0
64QAM	12	13	21.26	21.48	21.47	21.52	21.80	0-2	0
	25	0	21.33	21.58	21.56	21.57	21.86		0
	1	0	21.16	21.45	21.38	21.70	21.34		0
	1	12	21.23	21.48	21.48	21.72	21.60	0-3	0
	1	24	21.26	21.45	21.45	21.71	21.38		0
	12	0	21.20	21.55	21.55	21.58	21.83		0
12	6	21.32	21.61	21.58	21.63	21.82	0-3	0	
12	13	21.29	21.49	21.48	21.62	21.89		0	
25	0	21.28	21.57	21.58	21.58	21.84	0	0	

FCC ID: A3LSMF711JPN	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 06/28/2021 - 07/31/2021	DUT Type: Portable Handset	APPENDIX F: Page 34 of 34		