

APPENDIX H: LTE LOWER BANDWIDTH RF CONDUCTED POWERS

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 12

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

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.10	24.03	24.18	0	0
	1	12	24.16	24.02	24.07		0
	1	24	24.13	24.07	24.10		0
	12	0	23.15	23.22	23.26	0-1	1
	12	6	23.26	23.32	23.30		1
	12	13	23.21	23.24	23.27		1
16QAM	25	0	23.19	23.29	23.25	0-1	1
	1	0	23.51	23.53	23.44		1
	1	12	23.41	23.56	23.42		1
	1	24	23.51	23.55	23.41	0-2	1
	12	0	22.13	22.29	22.29		2
	12	6	22.21	22.37	22.28		2
64QAM	12	13	22.17	22.31	22.34	0-2	2
	25	0	22.21	22.38	22.22		2
	1	0	22.40	22.29	22.37		2
	1	12	22.48	22.36	22.41	0-3	2
	1	24	22.47	22.38	22.34		2
	12	0	21.18	21.30	21.37		3
64QAM	12	6	21.27	21.46	21.34	0-3	3
	12	13	21.25	21.39	21.40		3
	25	0	21.26	21.37	21.26		3
	25	0	21.26	21.37	21.26		3

Table H-2
LTE Band 12 Maximum Conducted Powers – 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.05	24.23	24.18	0	0
	1	7	24.07	24.21	24.11		0
	1	14	24.08	24.24	24.13		0
	8	0	23.10	23.24	23.27	0-1	1
	8	4	23.18	23.35	23.33		1
	8	7	23.17	23.33	23.30		1
16QAM	15	0	23.17	23.38	23.37	0-1	1
	1	0	23.36	23.82	23.60		1
	1	7	23.17	23.68	23.55		1
	1	14	23.30	23.84	23.53	0-2	1
	8	0	22.13	22.33	22.30		2
	8	4	22.22	22.45	22.39		2
64QAM	8	7	22.20	22.43	22.37	0-2	2
	15	0	22.21	22.35	22.35		2
	1	0	21.93	22.41	22.72		2
	1	7	22.00	22.36	22.47	0-3	2
	1	14	22.01	22.44	22.61		2
	8	0	21.21	21.29	21.30		3
64QAM	8	4	21.29	21.42	21.40	0-3	3
	8	7	21.27	21.34	21.32		3
	15	0	21.30	21.35	21.40		3
	15	0	21.30	21.35	21.40		3



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Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 1 of 24

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

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.96	24.27	24.06	0	0
	1	2	24.03	24.32	24.08		0
	1	5	23.99	24.31	24.06		0
	3	0	24.00	24.21	24.22		0
	3	2	24.02	24.22	24.23		0
	3	3	23.99	24.18	24.20		0
16QAM	6	0	23.05	23.29	23.21	0-1	1
	1	0	23.23	23.25	23.45	0-1	1
	1	2	23.30	23.31	23.52		1
	1	5	23.32	23.22	23.32		1
	3	0	23.14	23.28	23.12		1
	3	2	23.17	23.36	23.22		1
3	3	23.13	23.33	23.13	1		
64QAM	6	0	22.23	22.46	22.30	0-2	2
	1	0	21.91	22.75	22.46	0-2	2
	1	2	22.07	22.87	22.47		2
	1	5	21.99	22.76	22.44		2
	3	0	22.18	22.39	22.30		2
	3	2	22.21	22.41	22.40		2
3	3	22.07	22.36	22.34	2		
64QAM	6	0	21.14	21.20	21.25	0-3	3

H.1.2 LTE Band 26

Table H-4
LTE Band 26 Maximum Conducted Powers – 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.91	22.92	22.90	0	0	
	1	25	22.93	22.94	22.94		0	
	1	49	23.03	23.05	22.92		0	
	25	0	21.81	21.83	21.92		0-1	1
	25	12	21.95	21.98	22.03			1
	25	25	21.96	22.00	22.03			1
50	0	21.94	21.96	21.95	1			
16QAM	1	0	22.21	22.16	22.15	0-1	1	
	1	25	22.25	22.25	22.20		1	
	1	49	22.34	22.30	22.10		1	
	25	0	20.85	20.87	20.97		0-2	2
	25	12	21.00	20.99	21.11			2
	25	25	21.01	21.03	21.07			2
50	0	20.95	20.97	20.94	2			
64QAM	1	0	20.92	20.92	20.95	0-2	2	
	1	25	20.96	20.97	20.95		2	
	1	49	21.00	21.00	20.98		0-3	2
	25	0	19.87	19.87	20.03			3
	25	12	20.01	20.00	20.13			3
	25	25	20.00	20.03	20.13			3
64QAM	50	0	19.94	19.95	20.00	0-3	3	



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Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 2 of 24

Table H-5
LTE Band 26 Maximum Conducted Powers – 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.93	22.78	22.98	0	0
	1	12	23.07	22.87	22.97		0
	1	24	22.99	22.90	22.97		0
	12	0	22.05	21.90	22.06	0-1	1
	12	6	22.13	21.95	22.12		1
	12	13	22.09	22.02	22.07		1
16QAM	25	0	22.07	21.99	22.05	0-1	1
	1	0	22.45	22.11	22.33		1
	1	12	22.51	22.12	22.31		1
	1	24	22.43	22.15	22.33	0-2	1
	12	0	21.02	20.93	21.01		2
	12	6	21.11	20.98	21.09		2
64QAM	12	13	21.03	21.03	21.06	0-2	2
	25	0	21.04	21.00	21.08		2
	1	0	21.12	20.99	21.32		0-2
	1	12	21.23	21.10	21.30	2	
	1	24	21.13	21.11	21.36	2	
	64QAM	12	0	20.03	19.97	20.11	0-3
12		6	20.08	20.03	20.17	3	
12		13	20.04	20.06	20.12	3	
25		0	20.08	20.02	20.07	3	

Table H-6
LTE Band 26 Maximum Conducted Powers – 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.01	22.95	22.87	0	0	
	1	7	22.97	22.91	22.85		0	
	1	14	22.95	22.97	22.83		0	
	16QAM	8	0	22.04	21.92	21.94	0-1	1
		8	4	22.07	22.03	21.98		1
		8	7	22.03	22.01	21.94		1
64QAM		15	0	22.03	22.03	22.00	0-1	1
		1	0	22.50	22.47	22.12		1
		1	7	22.47	22.58	22.03		0-1
	64QAM	1	14	22.55	22.54	22.07	0-2	1
		8	0	21.11	21.02	21.00		2
		8	4	21.18	21.16	21.00		2
64QAM		8	7	21.17	21.14	21.01	0-2	2
		15	0	21.05	21.06	21.00		2
		1	0	21.10	21.02	20.80		0-2
	1	7	21.09	21.03	20.75	2		
	1	14	21.16	21.15	20.82	2		
	64QAM	8	0	20.04	20.00	20.08	0-3	3
8		4	20.12	20.08	20.11	3		
8		7	20.06	20.01	20.09	3		
64QAM		15	0	20.03	20.02	20.13	3	



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 3 of 24

Table H-7
LTE Band 26 Maximum Conducted Powers – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.99	22.68	22.91	0	0
	1	2	23.05	22.74	22.95		0
	1	5	23.02	22.69	22.96		0
	3	0	22.94	22.82	22.84		0
	3	2	22.99	22.90	22.86		0
	3	3	22.94	22.85	22.82		0
16QAM	6	0	21.99	21.93	21.95	0-1	1
	1	0	22.23	22.11	21.83	0-1	1
	1	2	22.33	22.21	21.92		1
	1	5	22.27	22.18	21.84		1
	3	0	21.92	21.78	21.94		1
	3	2	22.01	21.92	22.02		1
3	3	21.95	21.83	21.98	1		
64QAM	6	0	21.07	20.94	21.13	0-2	2
	1	0	21.27	21.07	21.42	0-2	2
	1	2	21.34	21.19	21.42		2
	1	5	21.33	21.19	21.41		2
	3	0	21.10	20.91	21.02		2
	3	2	21.20	21.09	21.07		2
3	3	21.15	21.01	21.01	2		
	6	0	20.08	19.97	19.87	0-3	3

H.1.3 LTE Band 66 (AWS)

Table H-8
LTE Band 66 (AWS) Maximum Conducted Powers – 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	22.92	22.65	22.72	0	0	
	1	36	23.10	22.78	22.67		0	
	1	74	22.78	22.65	22.63		0	
	16QAM	36	0	22.07	21.86	21.66	0-1	1
		36	18	22.09	21.87	21.68		1
		36	37	21.97	21.81	21.66		1
75		0	21.96	21.81	21.64	1		
64QAM	1	0	22.05	22.30	22.10	0-1	1	
	1	36	22.22	22.42	22.07		1	
	1	74	22.11	22.27	22.03		1	
	16QAM	36	0	21.01	20.90	20.70	0-2	2
		36	18	21.05	20.91	20.72		2
		36	37	21.00	20.89	20.68		2
64QAM	75	0	21.03	20.86	20.62	2		
	1	0	21.00	20.65	21.14	0-2	2	
	1	36	21.20	21.07	21.10		2	
	1	74	20.90	20.76	21.07		2	
	16QAM	36	0	20.14	19.91	19.73	0-3	3
		36	18	20.16	19.93	19.75		3
36		37	20.12	19.87	19.69	3		
	75	0	20.03	19.89	19.67	3		



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 4 of 24

Table H-9
LTE Band 66 (AWS) Maximum Conducted Powers – 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.79	22.63	22.63	0	0
	1	25	22.97	22.86	22.62		0
	1	49	22.80	22.68	22.60		0
	25	0	22.06	21.94	21.75	0-1	1
	25	12	22.15	21.99	21.85		1
	25	25	22.07	21.89	21.70		1
	50	0	22.05	21.89	21.77		1
16QAM	1	0	22.05	22.35	22.02	0-1	1
	1	25	22.19	22.45	22.02		1
	1	49	22.08	22.47	21.99		1
	25	0	21.10	20.94	20.80	0-2	2
	25	12	21.18	21.03	20.87		2
	25	25	21.10	20.91	20.80		2
	50	0	21.05	20.94	20.76		2
64QAM	1	0	20.96	20.81	20.85	0-2	2
	1	25	21.20	21.05	21.01		2
	1	49	20.87	20.78	20.82		2
	25	0	20.20	20.11	19.83	0-3	3
	25	12	20.24	19.95	19.92		3
	25	25	20.14	19.92	19.81		3
	50	0	20.14	19.95	19.78		3

Table H-10
LTE Band 66 (AWS) Maximum Conducted Powers – 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.16	22.74	22.73	0	0
	1	12	23.22	22.70	22.71		0
	1	24	23.13	22.69	22.69		0
	12	0	22.36	21.99	21.99	0-1	1
	12	6	22.35	22.01	21.98		1
	12	13	22.27	21.91	21.89		1
	25	0	22.30	21.97	21.94		1
16QAM	1	0	22.48	22.03	22.03	0-1	1
	1	12	22.58	22.08	22.04		1
	1	24	22.54	21.98	21.97		1
	12	0	21.33	21.02	21.00	0-2	2
	12	6	21.36	20.98	20.98		2
	12	13	21.29	20.94	20.94		2
	25	0	21.38	20.96	20.96		2
64QAM	1	0	21.57	20.98	20.96	0-2	2
	1	12	21.56	21.05	20.97		2
	1	24	21.50	20.93	20.95		2
	12	0	20.39	20.06	20.06	0-3	3
	12	6	20.43	20.09	20.08		3
	12	13	20.37	20.00	20.02		3
	25	0	20.39	19.98	19.99		3



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 5 of 24

Table H-11
LTE Band 66 (AWS) Maximum Conducted Powers – 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.29	23.10	22.85	0	0
	1	7	23.21	23.02	22.79		0
	1	14	23.20	23.05	22.75		0
	8	0	22.36	22.17	22.00	0-1	1
	8	4	22.36	22.18	21.99		1
	8	7	22.30	22.11	21.94		1
	15	0	22.40	22.17	22.00		1
16QAM	1	0	22.54	22.43	22.27	0-1	1
	1	7	22.39	22.49	22.21		1
	1	14	22.32	22.48	22.15		1
	8	0	21.39	21.29	21.04	0-2	2
	8	4	21.39	21.28	21.06		2
	8	7	21.32	21.24	21.01		2
	15	0	21.38	21.21	21.01		2
64QAM	1	0	21.21	21.28	21.40	0-2	2
	1	7	21.21	21.17	21.26		2
	1	14	21.16	21.21	21.28		2
	8	0	20.46	20.23	20.04	0-3	3
	8	4	20.49	20.26	20.02		3
	8	7	20.47	20.16	19.98		3
	15	0	20.52	20.22	20.08		3

Table H-12
LTE Band 66 (AWS) Maximum Conducted Powers – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.20	23.13	22.73	0	0
	1	2	23.26	23.12	22.77		0
	1	5	23.15	23.09	22.70		0
	3	0	23.21	23.05	22.90		0
	3	2	23.22	23.07	22.88		0
	3	3	23.19	23.01	22.86		0
16QAM	1	0	22.27	22.10	21.94	0-1	1
	1	2	22.48	22.05	22.07		1
	1	5	22.56	22.10	22.20		1
	1	5	22.45	22.02	22.13	0-1	1
	3	0	22.35	22.11	21.84		1
	3	2	22.36	22.19	21.87		1
	3	3	22.30	22.13	21.83		1
	6	0	21.40	21.27	20.98	0-2	2
64QAM	1	0	21.17	21.30	21.16	0-2	2
	1	2	21.26	21.69	21.27		2
	1	5	21.05	21.47	21.23		2
	3	0	21.31	21.22	21.04		2
	3	2	21.40	21.24	21.09		2
	3	3	21.32	21.19	21.01		2
	6	0	20.32	20.04	19.99	0-3	3



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 6 of 24

Table H-13

LTE Band 66 (AWS) Reduced Hotspot/Proximity Sensor and/or Earjack Active– 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.27	22.16	22.11	0	0
	1	36	22.38	22.22	22.17		0
	1	74	22.27	22.13	22.17		0
	36	0	22.45	22.34	22.18	0-1	0
	36	18	22.57	22.36	22.27		0
	36	37	22.43	22.30	22.19		0
16QAM	75	0	22.51	22.24	22.20	0-1	0
	1	0	22.62	22.46	22.42		0
	1	36	22.72	22.57	22.44		0
	1	74	22.52	22.42	22.51	0-2	0
	36	0	21.47	21.30	21.13		1
	36	18	21.55	21.32	21.26		1
64QAM	36	37	21.45	21.31	21.21	0-2	1
	75	0	21.52	21.28	21.22		1
	1	0	21.47	21.21	21.26		0-2
	1	36	21.57	21.48	21.40	1	
	1	74	21.56	21.26	21.32	1	
	36	0	20.54	20.35	20.23	0-3	2
36	18	20.56	20.38	20.27	2		
36	37	20.42	20.37	20.25	2		
75	0	20.47	20.30	20.22		2	

Table H-14

LTE Band 66 (AWS) Reduced Hotspot/Proximity Sensor and/or Earjack Active– 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.23	22.13	21.99	0	0
	1	25	22.36	22.37	22.19		0
	1	49	22.31	22.22	22.06		0
	25	0	22.52	22.45	22.28	0-1	0
	25	12	22.62	22.48	22.38		0
	25	25	22.52	22.39	22.28		0
16QAM	50	0	22.54	22.42	22.27	0-1	0
	1	0	22.55	22.47	22.31		0
	1	25	22.72	22.67	22.63		0
	1	49	22.64	22.57	22.44	0-2	0
	25	0	21.58	21.43	21.28		1
	25	12	21.65	21.53	21.42		1
64QAM	25	25	21.56	21.43	21.34	0-2	1
	50	0	21.57	21.46	21.33		1
	1	0	21.49	21.26	21.25		0-2
	1	25	21.77	21.55	21.46	1	
	1	49	21.54	21.36	21.31	0-3	
	25	0	20.57	20.51	20.36		2
25	12	20.65	20.57	20.41	2		
25	25	20.57	20.47	20.32		2	
50	0	20.61	20.46	20.35		2	



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 7 of 24

Table H-15

LTE Band 66 (AWS) Reduced Hotspot/Proximity Sensor and/or Earjack Active– 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.48	22.23	22.09	0	0
	1	12	22.57	22.39	22.22		0
	1	24	22.42	22.27	22.05		0
	12	0	22.64	22.38	22.18	0-1	0
	12	6	22.61	22.42	22.27		0
	12	13	22.46	22.35	22.20		0
16QAM	25	0	22.55	22.38	22.13	0-1	0
	1	0	22.67	22.62	22.48		0
	1	12	22.66	22.66	22.56		0
	1	24	22.61	22.67	22.44	0-2	0
	12	0	21.64	21.48	21.25		1
	12	6	21.69	21.46	21.32		1
64QAM	12	13	21.54	21.36	21.18	0-2	1
	25	0	21.52	21.41	21.16		1
	1	0	21.75	21.23	21.26		0-2
	1	12	21.77	21.51	21.34	1	
	1	24	21.62	21.37	21.33	0-3	
	12	0	20.68	20.45	20.23		2
12	6	20.71	20.47	20.29	2		
	12	13	20.54	20.37	20.21	0-3	2
	25	0	20.54	20.42	20.17		2

Table H-16

LTE Band 66 (AWS) Reduced Hotspot/Proximity Sensor and/or Earjack Active– 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.49	22.26	22.25	0	0
	1	7	22.62	22.31	22.27		0
	1	14	22.47	22.28	22.14		0
	8	0	22.73	22.42	22.35	0-1	0
	8	4	22.78	22.44	22.34		0
	8	7	22.67	22.38	22.30		0
16QAM	15	0	22.71	22.40	22.33	0-1	0
	1	0	22.58	22.71	22.63		0
	1	7	22.44	22.68	22.66		0
	1	14	22.40	22.63	22.58	0-2	0
	8	0	21.78	21.49	21.32		1
	8	4	21.80	21.48	21.41		1
64QAM	8	7	21.70	21.41	21.31	0-2	1
	15	0	21.72	21.43	21.31		1
	1	0	21.84	21.17	21.52		0-2
	1	7	21.83	21.54	21.47	1	
	1	14	21.86	21.03	21.44	0-3	
	8	0	20.80	20.56	20.42		2
8	4	20.79	20.51	20.41	0-3		2
8	7	20.76	20.48	20.36		2	
15	0	20.78	20.56	20.38		2	



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 8 of 24

Table H-17

LTE Band 66 (AWS) Reduced Hotspot/Proximity Sensor and/or Earjack Active– 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	22.49	22.27	22.18	0	0
	1	2	22.61	22.31	22.22		0
	1	5	22.50	22.28	22.11		0
	3	0	22.53	22.32	22.14		0
	3	2	22.56	22.38	22.17		0
	3	3	22.49	22.28	22.10		0
16QAM	6	0	22.60	22.39	22.23	0-1	0
	1	0	22.61	22.71	22.53	0-1	0
	1	2	22.69	22.72	22.52		0
	1	5	22.62	22.62	22.49		0
	3	0	22.26	22.18	21.97		0
	3	2	22.37	22.00	21.93		0
3	3	22.38	22.07	21.98	0		
64QAM	6	0	21.72	21.47	21.31	0-2	1
	1	0	21.76	20.86	21.54	0-2	1
	1	2	21.89	21.45	21.52		1
	1	5	21.78	21.37	21.45		1
	3	0	21.10	20.95	20.87		1
	3	2	21.26	21.03	20.84		1
	3	3	21.16	20.96	20.97		1
	6	0	20.65	20.44	20.27		0-3

H.1.4 LTE Band 2 (PCS)

Table H-18
LTE Band 2 (PCS) Maximum Conducted Powers – 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	22.50	22.61	22.56	0	0	
	1	36	22.66	22.56	22.56		0	
	1	74	22.61	22.60	22.61		0	
	16QAM	36	0	21.69	21.49	21.50	0-1	1
		36	18	21.77	21.61	21.69		1
		36	37	21.72	21.61	21.70		1
		75	0	21.65	21.53	21.64		1
1		0	22.16	22.00	21.76	0-1		1
1	36	22.31	21.96	21.83	1			
1	74	22.26	22.01	21.82	1			
36	0	20.74	20.54	20.52	0-2		2	
36	18	20.84	20.62	20.69			2	
36	37	20.77	20.63	20.74		2		
64QAM	75	0	20.69	20.54	20.70	0-2	2	
	1	0	20.83	21.01	20.74		2	
	1	36	20.89	20.97	20.74		2	
	1	74	20.86	21.05	20.81		2	
	36	0	19.75	19.56	19.64		0-3	3
	36	18	19.85	19.64	19.84			3
	36	37	19.79	19.65	19.87			3
	75	0	19.74	19.58	19.69			3



FCC ID: A3LSMA528B		SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 9 of 24

Table H-19
LTE Band 2 (PCS) Maximum Conducted Powers – 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	22.75	22.57	22.96	0	0
	1	25	23.06	22.70	22.95		0
	1	49	22.87	22.53	22.99		0
	25	0	22.06	21.71	21.90	0-1	1
	25	12	22.20	21.83	22.01		1
	25	25	22.11	21.75	22.00		1
16QAM	50	0	22.09	21.72	21.91	0-1	1
	1	0	22.48	22.45	22.18		1
	1	25	22.65	22.20	22.17		1
	1	49	22.62	21.98	22.20	0-2	1
	25	0	21.11	20.94	20.95		2
	25	12	21.24	20.88	21.09		2
64QAM	25	25	21.13	20.78	21.06	0-2	2
	50	0	21.12	20.76	20.89		2
	1	0	21.20	21.20	20.95		2
	1	25	21.11	20.74	21.00	0-2	2
	1	49	20.88	20.67	21.03		2
	25	0	20.11	19.75	19.99		0-3
25	12	20.21	19.87	20.08	3		
25	25	20.14	19.77	20.10	3		
	50	0	20.14	19.75	20.00		3

Table H-20
LTE Band 2 (PCS) Maximum Conducted Powers – 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	22.93	22.78	22.86	0	0
	1	12	22.91	22.81	22.87		0
	1	24	22.90	22.76	22.87		0
	12	0	22.20	21.96	22.11	0-1	1
	12	6	22.22	21.96	22.14		1
	12	13	22.14	21.89	22.13		1
16QAM	25	0	22.15	21.93	22.08	0-1	1
	1	0	22.42	21.90	22.16		1
	1	12	22.46	21.92	22.24		1
	1	24	22.40	21.82	22.16	0-2	1
	12	0	21.20	20.98	21.13		2
	12	6	21.23	21.04	21.13		2
64QAM	12	13	21.14	20.95	21.16	0-2	2
	25	0	21.24	20.92	21.12		2
	1	0	21.45	20.96	21.06		0-2
	1	12	21.50	21.07	21.19	2	
	1	24	21.39	20.92	21.13	0-3	
	12	0	20.29	19.90	20.19		3
12	6	20.34	19.92	20.27	3		
	12	13	20.24	19.80	20.25		3
	25	0	20.26	19.96	20.21		3



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 10 of 24

Table H-21
LTE Band 2 (PCS) Maximum Conducted Powers – 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	23.18	23.03	23.07	0	0
	1	7	23.17	22.93	22.99		0
	1	14	23.11	22.94	22.98		0
	8	0	22.26	22.08	22.27	0-1	1
	8	4	22.27	22.09	22.24		1
	8	7	22.22	22.02	22.19		1
16QAM	15	0	22.30	22.09	22.25	0-1	1
	1	0	22.44	22.56	22.50		1
	1	7	22.27	22.43	22.46		1
	1	14	22.33	22.52	22.42	0-2	1
	8	0	21.31	21.19	21.32		2
	8	4	21.29	21.20	21.34		2
64QAM	8	7	21.27	21.16	21.27	0-2	2
	15	0	21.30	21.08	21.28		2
	1	0	21.11	21.13	21.51		2
	1	7	21.02	21.07	21.47	0-3	2
	1	14	21.70	21.11	21.48		2
	8	0	20.36	20.15	20.31		3
64QAM	8	4	20.42	20.15	20.33	0-3	3
	8	7	20.37	20.08	20.27		3
	15	0	20.44	20.10	20.33		3

Table H-22
LTE Band 2 (PCS) Maximum Conducted Powers – 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	23.12	23.05	23.02	0	0
	1	2	23.19	23.07	23.04		0
	1	5	23.10	23.05	22.96		0
	3	0	23.13	22.99	23.15	0-1	0
	3	2	23.14	23.00	23.18		0
	3	3	23.12	22.93	23.11		0
16QAM	6	0	22.18	22.04	22.20	0-1	1
	1	0	22.38	21.96	22.41		1
	1	2	22.46	22.03	22.50		1
	1	5	22.39	21.94	22.39	0-1	1
	3	0	22.28	22.09	22.10		1
	3	2	22.27	22.13	22.18		1
64QAM	3	3	22.24	22.08	22.20	0-2	1
	6	0	21.35	21.23	21.26		2
	1	0	21.05	21.52	21.47		0-2
	1	2	21.19	21.59	21.54	2	
	1	5	21.05	21.49	21.49	2	
	64QAM	3	0	21.23	21.16	21.29	0-2
3		2	21.33	21.19	21.37	2	
3		3	21.27	21.13	21.28	2	
6		0	20.26	19.97	20.27	0-3	3



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 11 of 24

Table H-23

LTE Band 2 (PCS) Reduced Hotspot/Proximity Sensor and/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	21.65	21.71	21.75	0	0
	1	36	21.79	21.63	21.75		0
	1	74	21.75	21.68	21.80		0
	36	0	21.82	21.73	21.74	0-1	0
	36	18	21.92	21.80	21.84		0
	36	37	21.94	21.78	21.90		0
16QAM	75	0	21.89	21.72	21.81	0-1	0
	1	0	21.93	21.97	22.05		0
	1	36	22.02	21.95	22.00		0
	1	74	21.99	21.96	22.13	0-2	0
	36	0	20.84	20.70	20.71		1
	36	18	20.92	20.76	20.81		1
64QAM	36	37	20.94	20.80	20.91	0-2	1
	75	0	20.91	20.74	20.78		1
	1	0	20.83	20.91	20.89		0-3
	1	36	21.02	20.86	20.86	1	
	1	74	20.95	20.84	21.20	1	
		36	0	19.88	19.77	19.78	0-3
	36	18	19.97	19.84	19.91	2	
	36	37	19.94	19.82	20.01	2	
	75	0	19.91	19.76	19.81		2

Table H-24

LTE Band 2 (PCS) Reduced Hotspot/Proximity Sensor and/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	21.70	21.45	22.01	0	0
	1	25	22.00	21.80	21.99		0
	1	49	21.75	21.61	22.00		0
	25	0	22.00	21.83	21.90	0-1	0
	25	12	22.06	21.94	22.02		0
	25	25	22.02	21.85	22.01		0
16QAM	50	0	21.99	21.84	21.94	0-1	0
	1	0	22.01	21.90	22.08		0
	1	25	22.12	22.21	22.12		0
	1	49	22.15	22.00	22.22	0-2	0
	25	0	21.03	20.84	20.95		1
	25	12	21.16	21.00	21.07		1
64QAM	25	25	21.01	20.87	21.04	0-2	1
	50	0	21.02	20.87	20.94		1
	1	0	20.90	20.79	21.19		0-3
	1	25	21.24	21.12	21.22	1	
	1	49	21.00	20.91	21.32	1	
		25	0	20.04	19.88	19.94	0-3
	25	12	20.15	20.01	20.11	2	
	25	25	20.03	19.89	20.05	2	
	50	0	20.03	19.88	19.95		2



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 12 of 24

Table H-25

LTE Band 2 (PCS) Reduced Hotspot/Proximity Sensor and/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	21.91	21.79	21.87	0	0
	1	12	22.13	21.87	22.03		0
	1	24	21.86	21.75	21.92		0
	12	0	22.05	21.91	22.00	0-1	0
	12	6	22.09	21.96	22.03		0
	12	13	22.05	21.89	22.03		0
16QAM	25	0	22.09	21.89	21.97	0-1	0
	1	0	22.16	22.17	22.13		0
	1	12	22.22	22.15	22.19		0
	1	24	22.15	22.22	22.17	0-2	0
	12	0	21.11	20.97	21.05		1
	12	6	21.21	21.02	21.03		1
64QAM	12	13	21.08	20.92	21.09	0-2	1
	25	0	21.11	20.93	21.02		1
	1	0	21.17	21.04	21.13		0-3
	1	12	21.20	21.10	21.23	1	
	1	24	21.16	21.01	21.11	1	
	12	0	20.11	19.98	20.00	0-3	2
12	6	20.15	20.03	20.12	2		
12	13	20.08	19.93	20.09	2		
25	0	20.11	19.95	19.99		2	

Table H-26

LTE Band 2 (PCS) Reduced Hotspot/Proximity Sensor and/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	22.03	21.88	22.02	0	0
	1	7	22.08	21.85	22.05		0
	1	14	21.96	21.83	21.95		0
	8	0	22.08	21.92	22.02	0-1	0
	8	4	22.13	22.02	22.15		0
	8	7	22.06	21.90	22.02		0
16QAM	15	0	22.12	21.97	22.09	0-1	0
	1	0	22.17	22.03	22.15		0
	1	7	22.11	22.22	22.10		0
	1	14	22.13	22.18	22.13	0-2	0
	8	0	21.18	21.01	21.06		1
	8	4	21.22	21.07	21.19		1
64QAM	8	7	21.09	20.94	21.11	0-2	1
	15	0	21.07	20.92	21.11		1
	1	0	21.32	21.14	21.34		0-3
	1	7	21.17	21.02	21.17	1	
	1	14	21.14	21.03	21.23	1	
	8	0	20.21	19.99	20.11	0-3	2
8	4	20.18	20.06	20.18	2		
8	7	20.15	19.94	20.08	2		
15	0	20.09	20.04	20.11		2	



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 13 of 24

Table H-27

LTE Band 2 (PCS) Reduced Hotspot/Proximity Sensor and/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	21.94	21.79	21.97	0	0
	1	2	21.97	21.83	21.97		0
	1	5	21.87	21.75	21.91		0
	3	0	21.89	21.77	21.96		0
	3	2	21.92	21.74	22.01		0
	3	3	21.87	21.76	21.95		0
16QAM	6	0	22.01	21.90	22.05	0-1	0
	1	0	22.15	22.12	22.13	0-1	0
	1	2	22.12	22.20	22.21		0
	1	5	22.13	22.10	22.21		0
	3	0	22.02	21.92	22.15		0
	3	2	22.07	21.86	22.06		0
3	3	22.00	21.84	22.03	0		
64QAM	6	0	21.12	20.97	21.03	0-2	1
	1	0	21.25	21.05	21.09	0-2	1
	1	2	21.27	21.12	21.29		1
	1	5	21.21	21.00	21.18		1
	3	0	21.16	21.05	21.17		1
	3	2	21.18	21.04	21.23		1
3	3	21.16	21.05	21.18	1		
	6	0	20.03	19.89	20.06	0-3	2

H.1.5 LTE Band 41

Table H-28

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	22.92	22.60	22.95	23.22	23.06	0	0	
	1	36	22.95	22.76	23.25	23.26	23.27		0	
	1	74	22.89	22.61	23.13	23.03	23.27		0	
	16QAM	36	0	22.06	21.80	22.33	22.30	22.27	0-1	1
		36	18	22.15	21.88	22.45	22.34	22.46		1
		36	37	22.14	21.82	22.41	22.35	22.49		1
75		0	22.09	21.80	22.38	22.28	22.42	1		
1		0	22.32	21.93	22.32	22.55	22.29	1		
1		36	22.32	22.08	22.60	22.64	22.69	0-1		1
64QAM	1	74	22.32	21.89	22.47	22.25	22.65	0-2	1	
	36	0	21.06	20.80	21.31	21.32	21.30		2	
	36	18	21.16	20.87	21.42	21.35	21.49		2	
	36	37	21.14	20.79	21.45	21.33	21.46		2	
	75	0	21.14	20.83	21.41	21.31	21.46		2	
	1	0	20.98	20.62	21.01	21.10	21.02		0-2	2
1	36	21.08	20.77	21.30	21.36	21.46	2			
1	74	21.08	20.64	21.17	21.00	21.37	2			
36	0	20.09	19.83	20.37	20.36	20.33	0-3	3		
36	18	20.17	19.90	20.45	20.38	20.53		3		
36	37	20.14	19.83	20.46	20.37	20.51		3		
	75	0	20.15	19.84	20.40	20.34	20.49	0-3	3	





FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 14 of 24

Table H-29
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	23.02	22.60	23.04	23.12	23.12	0	0	
	1	25	23.05	22.86	23.38	23.40	23.36		0	
	1	49	23.02	22.56	23.15	23.13	23.11		0	
	25	0	22.25	21.97	22.48	22.39	22.43	0-1	1	
	25	12	22.30	22.04	22.57	22.49	22.57		1	
	25	25	22.26	21.94	22.44	22.45	22.47		1	
16QAM	50	0	22.22	21.99	22.49	22.41	22.51	0-1	1	
	1	0	22.38	22.00	22.44	22.53	22.29		0-1	1
	1	25	22.44	22.19	22.73	22.69	22.74			1
	1	49	22.46	21.99	22.52	22.26	22.52	0-2		1
	25	0	21.33	21.01	21.50	21.45	21.49		2	
	25	12	21.34	21.11	21.58	21.52	21.65		2	
64QAM	25	25	21.31	20.99	21.50	21.48	21.53	0-2	2	
	50	0	21.29	20.99	21.56	21.42	21.56		2	
	1	0	21.00	20.76	21.08	21.06	21.02		0-2	2
	1	25	21.21	20.98	21.53	21.38	21.47	2		
	1	49	21.31	20.82	21.21	21.00	21.34	2		
	64QAM	25	0	20.41	20.09	20.59	20.54	20.59	0-3	3
25		12	20.42	20.14	20.69	20.61	20.72	3		
25		25	20.40	20.08	20.60	20.59	20.64	3		
50		0	20.28	20.03	20.54	20.45	20.59	0-3	3	

Table H-30
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	23.06	22.89	23.33	23.31	23.22	0	0	
	1	12	23.03	22.89	23.49	23.34	23.35		0	
	1	24	23.05	22.84	23.39	23.17	23.32		0	
	12	0	22.16	21.97	22.51	22.38	22.42	0-1	1	
	12	6	22.21	21.98	22.55	22.39	22.51		1	
	12	13	22.20	21.93	22.52	22.46	22.50		1	
16QAM	25	0	22.21	21.97	22.53	22.38	22.52	0-1	1	
	1	0	22.38	22.19	22.45	22.54	22.27		0-1	1
	1	12	22.42	22.11	22.78	22.63	22.60			1
	1	24	22.35	22.18	22.58	22.25	22.65	0-2		1
	12	0	21.28	20.97	21.59	21.49	21.43		2	
	12	6	21.30	21.10	21.61	21.47	21.57		2	
64QAM	12	13	21.23	20.99	21.55	21.56	21.59	0-2	2	
	25	0	21.26	21.03	21.59	21.46	21.55		2	
	1	0	21.00	20.94	21.10	21.13	21.02		0-2	2
	1	12	21.19	20.99	21.53	21.35	21.46	2		
	1	24	21.20	20.97	21.21	21.00	21.37	2		
	64QAM	12	0	20.34	20.09	20.66	20.53	20.58	0-3	3
12		6	20.38	20.09	20.71	20.54	20.68	3		
12		13	20.33	20.10	20.65	20.60	20.66	3		
25		0	20.36	20.07	20.64	20.53	20.65	0-3	3	

FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 15 of 24



H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n5

Table H-31
NR Band n5 Maximum Conducted Powers – 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.06	0	0.0
	1	40	23.08		0.0
	1	77	23.08		0.0
	36	0	23.13	0-0.5	0.5
	36	22	23.05	0	0.0
	36	43	23.00	0-0.5	0.5
	75	0	23.11		0.5
DFT-s-OFDM QPSK	1	1	23.07	0	0.0
	1	40	23.17		0.0
	1	77	23.16		0.0
	36	0	22.63	0-1	1.0
	36	22	23.03	0	0.0
	36	43	22.62	0-1	1.0
	75	0	22.66		1.0
DFT-s-OFDM 16QAM	1	1	22.51	0-1	1.0
CP-OFDM QPSK	1	1	21.61	0-1.5	1.5

Note: NR Band n5 at 15 MHz bandwidth does not support non-overlapping channels. Per FCC Guidance, 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.

FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 16 of 24

**Table H-32
NR Band n5 Maximum Conducted Powers – 10 MHz Bandwidth**

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.23	0	0.0
	1	26	23.35		0.0
	1	50	23.34		0.0
	25	0	23.11	0-0.5	0.5
	25	14	23.22	0	0.0
	25	27	23.22	0-0.5	0.5
	50	0	23.22		0.5
DFT-s-OFDM QPSK	1	1	23.17	0	0.0
	1	26	23.30		0.0
	1	50	23.28		0.0
	25	0	22.63	0-1	1.0
	25	14	23.26	0	0.0
	25	27	22.66	0-1	1.0
	50	0	22.69		1.0
DFT-s-OFDM 16QAM	1	1	22.51	0-1	1.0
CP-OFDM QPSK	1	1	22.54	0-1.5	1.5

Note: NR Band n5 at 15 MHz bandwidth does not support non-overlapping channels. Per FCC Guidance, 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.





FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset			APPENDIX F: Page 17 of 24

Table H-33
NR Band n5 Maximum Conducted Powers – 5 MHz Bandwidth




NR Band n5 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.17	23.20	23.42	0	0.0
	1	13	23.26	23.24	23.24		0.0
	1	23	23.30	23.30	23.32		0.0
	12	0	23.07	23.28	23.24	0-0.5	0.5
	12	7	23.13	23.29	23.30	0	0.0
	12	13	23.12	23.36	23.31	0-0.5	0.5
	25	0	23.18	23.24	23.22		0.5
DFT-s-OFDM QPSK	1	1	23.24	23.12	23.38	0	0.0
	1	13	23.24	23.22	23.49		0.0
	1	23	23.10	23.22	23.17		0.0
	12	0	22.60	22.74	22.72	0-1	1.0
	12	7	23.05	23.29	23.29	0	0.0
	12	13	22.72	22.72	22.78	0-1	1.0
	25	0	22.74	22.69	22.67		1.0
DFT-s-OFDM 16QAM	1	1	22.37	22.53	22.40	0-1	1.0
CP-OFDM QPSK	1	1	22.47	22.40	22.40	0-1.5	1.5

FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 18 of 24		

H.2.2 NR Band n66

**Table H-34
NR Band n66 Maximum Conducted Powers – 15 MHz Bandwidth**

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.17	24.06	23.95	0	0.0
	1	40	24.23	23.95	23.85		0.0
	1	77	24.14	23.91	23.96		0.0
	36	0	23.65	23.54	23.50	0-0.5	0.5
	36	22	24.16	24.02	23.92	0	0.0
	36	43	23.65	23.51	23.44	0-0.5	0.5
	75	0	23.67	23.49	23.44		0.5
DFT-s-OFDM QPSK	1	1	24.04	23.94	23.89	0	0.0
	1	40	24.18	23.91	23.81		0.0
	1	77	24.21	24.09	23.94		0.0
	36	0	23.19	23.06	22.94	0-1	1.0
	36	22	24.11	24.01	23.94	0	0.0
	36	43	23.17	23.01	22.91	0-1	1.0
	75	0	23.18	23.12	22.93		1.0
DFT-s-OFDM 16QAM	1	1	22.75	22.97	22.72	0-1	1.0
CP-OFDM QPSK	1	1	22.65	22.65	22.44	0-1.5	1.5

FCC ID: A3LSMA528B	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 19 of 24		

**Table H-35
NR Band n66 Maximum Conducted Powers – 10 MHz Bandwidth**

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.17	24.06	23.95	0	0.0
	1	26	24.23	24.05	24.00		0.0
	1	50	24.24	23.91	23.96		0.0
	25	0	23.65	23.54	23.50	0-0.5	0.5
	25	14	24.16	24.02	23.92	0	0.0
	25	27	23.65	23.51	23.44	0-0.5	0.5
	50	0	23.67	23.49	23.44		0.5
DFT-s-OFDM QPSK	1	1	24.17	24.17	24.07	0	0.0
	1	26	24.27	24.10	23.98		0.0
	1	50	24.26	23.99	24.06		0.0
	25	0	23.19	23.06	22.95	0-1	1.0
	25	14	24.12	24.01	23.94	0	0.0
	25	27	23.17	23.01	22.91	0-1	1.0
	50	0	23.19	23.12	22.95		1.0
DFT-s-OFDM 16QAM	1	1	23.17	22.99	22.98	0-1	1.0
CP-OFDM QPSK	1	1	22.53	22.65	22.44	0-1.5	1.5




FCC ID: A3LSMA528B	 PCTEST Proud to be part of 	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 20 of 24		

Table H-36
NR Band n66 Maximum Conducted Powers – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.17	24.06	23.95	0	0.0
	1	13	24.23	24.13	24.06		0.0
	1	23	24.25	23.91	23.96		0.0
	12	0	23.85	23.65	23.50	0-0.5	0.5
	12	7	24.27	24.02	23.93	0	0.0
	12	13	23.89	23.51	23.47	0-0.5	0.5
	25	0	23.71	23.49	23.44		0.5
DFT-s-OFDM QPSK	1	1	24.29	24.11	24.01	0	0.0
	1	13	24.18	24.17	24.08		0.0
	1	23	24.31	24.09	24.11		0.0
	12	0	23.23	23.09	22.99	0-1	1.0
	12	7	24.29	24.04	23.96	0	0.0
	12	13	23.23	23.01	22.97	0-1	1.0
	25	0	23.27	23.12	22.93		1.0
DFT-s-OFDM 16QAM	1	1	23.36	23.04	22.98	0-1	1.0
CP-OFDM QPSK	1	1	22.56	23.04	22.44	0-1.5	1.5



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 21 of 24		

Table H-37

NR Band n66 Reduced Hotspot/Proximity Sensor and/or Earjack Active– 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.57	22.47	22.39	0	0.0
	1	40	22.82	22.73	22.63		0.0
	1	77	22.74	22.56	22.46		0.0
	36	0	22.94	22.74	22.63	0-0.5	0.0
	36	22	22.87	22.69	22.62	0	0.0
	36	43	22.91	22.71	22.60	0-0.5	0.0
	75	0	22.94	22.74	22.64		0.0
DFT-s-OFDM QPSK	1	1	22.68	22.48	22.38	0	0.0
	1	40	22.92	22.71	22.63		0.0
	1	77	22.75	22.55	22.44		0.0
	36	0	22.96	22.76	22.56	0-1	0.0
	36	22	22.94	22.74	22.58	0	0.0
	36	43	22.93	22.72	22.63	0-1	0.0
	75	0	22.97	22.76	22.68		0.0
DFT-s-OFDM 16QAM	1	1	22.75	22.55	22.43	0-1	0.0
CP-OFDM QPSK	1	1	22.90	22.70	22.52	0-1.5	0.0



FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 22 of 24		

Table H-38

NR Band n66 Reduced Hotspot/Proximity Sensor and/or Earjack Active– 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.55	22.46	22.34	0	0.0
	1	26	22.98	22.87	22.76		0.0
	1	50	22.77	22.51	22.43		0.0
	25	0	23.07	22.80	22.68	0-0.5	0.0
	25	14	23.09	22.84	22.71	0	0.0
	25	27	23.03	22.80	22.70	0-0.5	0.0
	50	0	23.07	22.85	22.75		0.0
DFT-s-OFDM QPSK	1	1	22.70	22.47	22.42	0	0.0
	1	26	23.03	22.88	22.84		0.0
	1	50	22.72	22.49	22.42		0.0
	25	0	23.04	22.82	22.74	0-1	0.0
	25	14	23.07	22.87	22.78	0	0.0
	25	27	23.00	22.83	22.73	0-1	0.0
	50	0	23.07	22.82	22.78		0.0
DFT-s-OFDM 16QAM	1	1	22.69	22.50	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.81	22.65	22.50	0-1.5	0.0





FCC ID: A3LSMA528B	 PCTEST Proud to be part of element	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 23 of 24		

Table H-39

NR Band n66 Reduced Hotspot/Proximity Sensor and/or Earjack Active– 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.56	22.43	22.26	0	0.0
	1	13	23.13	22.97	22.83		0.0
	1	23	22.57	22.39	22.30		0.0
	12	0	22.88	22.72	22.60	0-0.5	0.0
	12	7	23.07	22.90	22.82	0	0.0
	12	13	22.91	22.73	22.66	0-0.5	0.0
	25	0	22.89	22.71	22.61		0.0
DFT-s-OFDM QPSK	1	1	22.51	22.32	22.27	0	0.0
	1	13	23.08	22.86	22.83		0.0
	1	23	22.58	22.38	22.33		0.0
	12	0	22.99	22.78	22.73	0-1	0.0
	12	7	23.14	22.92	22.87	0	0.0
	12	13	22.97	22.76	22.72	0-1	0.0
	25	0	22.92	22.71	22.63		0.0
DFT-s-OFDM 16QAM	1	1	22.63	22.43	22.36	0-1	0.0
CP-OFDM QPSK	1	1	22.62	22.42	22.35	0-1.5	0.0

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Test Dates: 07/04/2021 - 07/25/2021	DUT Type: Portable Handset	APPENDIX F: Page 24 of 24		