

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 (P_{limit}, maximum tune up output power P_{max}).

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71

Table H-1

LTE Band 71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz) Conducted Power [dBm]		
QPSK	1	0	24.33	0	0
	1	36	24.33		0
	1	74	24.24		0
	36	0	23.31	0-1	1
	36	18	23.33		1
	36	37	23.33		1
	75	0	23.27		1
16QAM	1	0	23.36	0-1	1
	1	36	23.35		1
	1	74	23.22		1
	36	0	22.31	0-2	2
	36	18	22.36		2
	36	37	22.35		2
	75	0	22.26		2
64QAM	1	0	22.63	0-2	2
	1	36	22.65		2
	1	74	22.63		2
	36	0	21.40	0-3	3
	36	18	21.45		3
	36	37	21.38		3
	75	0	21.37		3
256QAM	1	0	19.33	0-5	5
	1	36	19.52		5
	1	74	19.36		5
	36	0	19.33		5
	36	18	19.39		5
	36	37	19.32		5
	75	0	19.36		5

Note: LTE Band 71 at 15 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.


FCC ID: A3LSMF711U	 Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 1 of 336

Table H-2

LTE Band 71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.19	24.33	24.24	0	0
	1	25	24.11	24.29	24.32		0
	1	49	24.18	24.34	24.24		0
	25	0	23.33	23.33	23.40	0-1	1
	25	12	23.43	23.36	23.51		1
	25	25	23.37	23.40	23.24		1
16QAM	50	0	23.39	23.29	23.33	0-1	1
	1	0	23.57	23.59	23.66		1
	1	25	23.44	23.50	23.66		1
	1	49	23.48	23.60	23.63	0-2	1
	25	0	22.38	22.41	22.54		2
	25	12	22.42	22.47	22.62		2
64QAM	25	25	22.39	22.39	22.43	0-2	2
	50	0	22.35	22.31	22.40		2
	1	0	22.26	22.32	22.66		0-2
	1	25	22.36	22.45	22.30	2	
	1	49	22.34	22.40	22.41	0-3	
	25	0	21.48	21.49	21.31		3
25	12	21.58	21.47	21.45	3		
256QAM	25	25	21.52	21.40	21.30	0-3	3
	50	0	21.41	21.30	21.31		3
	1	0	19.25	19.52	19.60		0-5
	1	25	19.37	19.60	19.50	5	
	1	49	19.28	19.65	19.52	5	
	25	0	19.31	19.37	19.44	5	
25	12	19.43	19.28	19.58	5		
25	25	19.40	19.41	19.58	5		
50	0	19.39	19.36	19.41	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 2 of 336

Table H-3

LTE Band 71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.26	24.14	24.38	0	0
	1	12	24.22	24.22	24.31		0
	1	24	24.26	24.18	24.29		0
	12	0	23.32	23.33	23.30	0-1	1
	12	6	23.22	23.35	23.40		1
	12	13	23.36	23.29	23.32		1
	25	0	23.24	23.28	23.20		1
16QAM	1	0	23.43	23.47	23.37	0-1	1
	1	12	23.37	23.39	23.22		1
	1	24	23.38	23.42	23.29		1
	12	0	22.47	22.45	22.41	0-2	2
	12	6	22.32	22.41	22.36		2
	12	13	22.33	22.41	22.43		2
	25	0	22.30	22.40	22.25		2
64QAM	1	0	22.00	22.25	22.34	0-2	2
	1	12	22.54	22.30	22.41		2
	1	24	22.53	22.35	22.43		2
	12	0	21.54	21.40	21.41	0-3	3
	12	6	21.57	21.53	21.35		3
	12	13	21.52	21.43	21.49		3
	25	0	21.55	21.35	21.32		3
256QAM	1	0	19.36	19.15	19.10	0-5	5
	1	12	19.45	19.26	19.04		5
	1	24	19.31	19.18	19.05		5
	12	0	19.26	19.34	19.29		5
	12	6	19.48	19.36	19.47		5
	12	13	19.34	19.39	19.39		5
	25	0	19.40	19.37	19.33		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 3 of 336

Table H-4
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz) Conducted Power [dBm]		
QPSK	1	0	22.87	0	0
	1	36	22.77		0
	1	74	22.68		0
	36	0	22.83	0-1	0
	36	18	22.87		0
	36	37	22.85		0
	75	0	22.81		0
16QAM	1	0	23.21	0-1	0
	1	36	23.19		0
	1	74	23.22		0
	36	0	22.34	0-2	0.5
	36	18	22.41		0.5
	36	37	22.38		0.5
	75	0	22.32		0.5
64QAM	1	0	22.36	0-2	0.5
	1	36	22.46		0.5
	1	74	22.42		0.5
	36	0	21.23	0-3	1.5
	36	18	21.41		1.5
	36	37	21.39		1.5
	75	0	21.36		1.5
256QAM	1	0	19.47	0-5	3.5
	1	36	19.48		3.5
	1	74	19.38		3.5
	36	0	19.41		3.5
	36	18	19.43		3.5
	36	37	19.39		3.5
	75	0	19.25		3.5

Note: LTE Band 71 at 15 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.


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 4 of 336

Table H-5
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.88	22.91	22.86	0	0
	1	25	22.70	22.81	22.93		0
	1	49	22.77	22.80	22.96		0
	25	0	22.75	22.95	22.95	0-1	0
	25	12	22.78	22.89	23.07		0
	25	25	22.83	22.86	23.03		0
16QAM	50	0	22.82	22.88	23.02	0-1	0
	1	0	22.97	23.20	23.00		0
	1	25	23.22	23.21	23.22		0
	1	49	23.20	23.16	23.21	0-2	0
	25	0	22.30	22.39	22.42		0.5
	25	12	22.31	22.59	22.46		0.5
64QAM	25	25	22.31	22.42	22.45	0-2	0.5
	50	0	22.30	22.31	22.41		0.5
	1	0	21.89	22.33	22.54		0-2
	1	25	22.42	22.45	22.08	0.5	
	1	49	22.48	22.41	21.98	0-3	
	25	0	21.39	21.36	21.38		1.5
25	12	21.46	21.39	21.01	1.5		
256QAM	25	25	21.39	21.40	20.78	0-3	1.5
	50	0	21.45	21.37	20.88		1.5
	1	0	19.21	19.26	19.30		0-5
	1	25	19.50	19.42	19.62	3.5	
	1	49	19.28	19.07	19.36	3.5	
	25	0	19.30	19.38	19.40	3.5	
25	12	19.41	19.36	19.58	3.5		
25	25	19.40	18.95	19.49	3.5		
256QAM	50	0	19.47	19.34	19.44	0-5	3.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 5 of 336

Table H-6
LTE Band 71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.88	22.97	22.87	0	0
	1	12	22.84	22.95	23.03		0
	1	24	22.77	22.87	22.95		0
	12	0	22.88	22.92	22.97	0-1	0
	12	6	22.91	22.99	23.02		0
	12	13	22.95	22.96	23.01		0
	25	0	22.87	22.97	22.98		0
16QAM	1	0	22.90	23.18	23.07	0-1	0
	1	12	23.08	23.15	23.18		0
	1	24	23.00	23.22	23.15		0
	12	0	22.52	22.48	22.18	0-2	0.5
	12	6	22.55	22.56	22.21		0.5
	12	13	22.52	22.54	22.21		0.5
	25	0	22.41	22.41	22.22		0.5
64QAM	1	0	21.85	22.30	22.22	0-2	0.5
	1	12	22.54	22.50	22.10		0.5
	1	24	22.27	22.42	21.75		0.5
	12	0	21.09	21.47	20.90	0-3	1.5
	12	6	21.51	21.52	20.81		1.5
	12	13	21.46	21.57	20.77		1.5
	25	0	21.42	21.46	20.72		1.5
256QAM	1	0	19.45	19.53	19.55	0-5	3.5
	1	12	19.39	19.55	19.70		3.5
	1	24	18.95	19.50	19.54		3.5
	12	0	19.44	19.44	19.48		3.5
	12	6	19.42	19.53	19.58		3.5
	12	13	19.41	19.49	19.54		3.5
	25	0	19.43	19.43	19.53		3.5

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 6 of 336

H.1.2

LTE Band 12

Table H-7

LTE Band 12 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.33	24.33	24.24	0	0
	1	12	24.37	24.24	24.26		0
	1	24	24.41	24.17	24.28		0
	12	0	23.69	23.22	23.56	0-1	1
	12	6	23.68	23.20	23.23		1
	12	13	23.61	23.22	23.24		1
16QAM	25	0	23.65	23.25	23.43	0-1	1
	1	0	23.65	23.26	23.35		1
	1	12	23.62	23.22	23.27		1
	1	24	23.63	23.23	23.14	0-2	1
	12	0	22.71	22.52	22.92		2
	12	6	22.72	22.50	22.94		2
64QAM	12	13	22.71	22.31	22.92	0-2	2
	25	0	22.67	22.36	22.91		2
	1	0	22.76	22.85	22.92		0-2
	1	12	22.80	22.80	22.93	2	
	1	24	22.78	22.56	22.94	0-3	
	12	0	21.65	21.24	21.17		3
12	6	21.69	21.34	21.22	3		
256QAM	12	13	21.69	21.43	21.31	0-3	3
	25	0	21.64	21.26	21.14		3
	1	0	19.56	19.41	19.54		0-5
	1	12	19.51	19.63	19.46	5	
	1	24	19.46	19.35	19.41	5	
	12	0	19.50	19.48	19.27	5	
12	6	19.47	19.50	19.41	5		
12	13	19.66	19.50	19.42	5		
	25	0	19.70	19.69	19.60	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 7 of 336

Table H-8

LTE Band 12 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.44	24.30	24.35	0	0
	1	7	24.41	24.12	24.45		0
	1	14	24.45	24.27	24.41		0
	8	0	23.62	23.43	23.40	0-1	1
	8	4	23.63	23.29	23.33		1
	8	7	23.58	23.34	23.50		1
16QAM	15	0	23.63	23.40	23.46	0-1	1
	1	0	23.89	23.26	23.41		1
	1	7	23.99	23.32	23.46		1
	1	14	23.65	23.61	23.45	0-2	1
	8	0	22.78	22.68	22.68		2
	8	4	22.73	22.47	22.66		2
64QAM	8	7	22.69	22.45	22.68	0-2	2
	15	0	22.67	22.61	22.54		2
	1	0	22.50	22.89	22.69		0-3
	1	7	22.45	22.88	22.67	2	
	1	14	22.43	22.72	22.66	2	
	256QAM	8	0	21.55	21.63	21.47	0-3
8		4	21.55	21.52	21.43	3	
8		7	21.47	21.48	21.53	3	
15		0	21.70	21.50	21.34	0-5	3
1		0	19.61	19.36	19.46		5
1		7	19.47	19.35	19.65		5
256QAM	1	14	19.69	19.39	19.71	0-5	5
	8	0	19.60	19.68	19.65		5
	8	4	19.63	19.54	19.66		5
	8	7	19.58	19.47	19.58	5	
	15	0	19.63	19.51	19.56	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 8 of 336

Table H-9

LTE Band 12 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.33	24.59	24.47	0	0
	1	2	24.37	24.60	24.44		0
	1	5	24.41	24.61	24.43		0
	3	0	24.69	24.62	24.65		0
	3	2	24.68	24.55	24.70		0
	3	3	24.61	24.59	24.68		0
16QAM	6	0	23.65	23.66	23.68	0-1	1
	1	0	24.01	23.80	23.42	0-1	1
	1	2	23.90	23.77	23.46		1
	1	5	23.63	23.78	23.40		1
	3	0	23.83	23.72	23.80		1
	3	2	23.64	23.61	23.74		1
3	3	23.67	23.71	23.69	1		
64QAM	6	0	22.63	22.81	22.80	0-2	2
	1	0	22.76	23.02	22.81	0-2	2
	1	2	22.80	23.11	22.81		2
	1	5	22.78	23.06	22.82		2
	3	0	22.65	23.00	22.90		2
	3	2	22.70	22.99	22.78		2
3	3	22.69	23.01	22.83	2		
256QAM	6	0	21.64	21.69	21.72	0-3	3
	1	0	19.66	19.24	19.58	0-5	5
	1	2	19.71	19.28	19.67		5
	1	5	19.64	19.29	19.55		5
	3	0	19.70	19.51	19.64		5
	3	2	19.70	19.65	19.64		5
3	3	19.66	19.57	19.57	5		
	6	0	19.70	19.63	19.59		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 9 of 336

Table H-10
LTE Band 12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.90	22.89	22.91	0	0
	1	12	22.92	22.96	23.00		0
	1	24	22.90	22.96	22.79		0
	12	0	23.01	23.05	23.03	0-1	0
	12	6	23.05	23.09	22.96		0
	12	13	23.00	23.12	22.98		0
16QAM	25	0	23.03	23.04	22.95	0-1	0
	1	0	23.25	23.22	23.20		0
	1	12	23.16	23.26	23.17		0
	1	24	23.22	23.19	23.13	0-2	0
	12	0	22.62	22.47	22.56		0.5
	12	6	22.58	22.60	22.47		0.5
64QAM	12	13	22.59	22.48	22.50	0-2	0.5
	25	0	22.57	22.54	22.48		0.5
	1	0	22.67	22.38	22.60		0.5
	1	12	22.59	22.55	22.57	0-2	0.5
	1	24	22.60	22.59	22.50		0.5
	12	0	21.56	21.53	21.53		1.5
256QAM	12	6	21.57	21.63	21.59	0-3	1.5
	12	13	21.55	21.55	21.48		1.5
	25	0	21.52	21.57	21.50		1.5
	1	0	19.70	19.56	19.61	0-5	3.5
	1	12	19.54	19.62	19.63		3.5
	1	24	19.50	19.56	19.53		3.5
12	0	19.50	19.51	19.58	3.5		
12	6	19.51	19.63	19.56	3.5		
12	13	19.46	19.45	19.50	3.5		
25	0	19.58	19.56	19.49	3.5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 10 of 336

Table H-11
LTE Band 12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	23.00	22.98	22.93	0	0
	1	7	22.88	22.93	22.87		0
	1	14	22.93	22.95	22.83		0
	8	0	23.04	23.00	22.98	0-1	0
	8	4	23.11	23.09	23.02		0
	8	7	23.01	23.08	23.00		0
16QAM	15	0	23.02	23.06	22.96	0-1	0
	1	0	23.25	23.06	23.25		0
	1	7	23.22	23.27	23.25		0
	1	14	23.28	23.28	23.28	0-2	0
	8	0	22.62	22.60	22.55		0.5
	8	4	22.64	22.68	22.75		0.5
64QAM	8	7	22.57	22.61	22.55	0-2	0.5
	15	0	22.47	22.56	22.50		0.5
	1	0	22.71	22.77	22.63		0-2
	1	7	22.41	22.63	22.66	0.5	
	1	14	22.60	22.61	22.38	0-3	
	8	0	21.62	21.53	21.49		1.5
8	4	21.60	21.61	21.47	1.5		
256QAM	8	7	21.58	21.52	21.58	0-3	1.5
	15	0	21.55	21.55	21.50		1.5
	1	0	19.68	19.70	19.67		0-5
	1	7	19.50	19.61	19.52	3.5	
	1	14	19.47	19.60	19.41	3.5	
	8	0	19.62	19.55	19.50	3.5	
8	4	19.65	19.54	19.76	3.5		
8	7	19.41	19.62	19.48	3.5		
15	0	19.59	19.61	19.50	3.5		



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 11 of 336

Table H-12
LTE Band 12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.89	22.77	22.80	0	0
	1	2	22.97	22.91	22.83		0
	1	5	22.86	22.87	22.81		0
	3	0	22.84	22.78	22.77		0
	3	2	22.94	22.92	22.78		0
	3	3	22.81	22.82	22.89		0
	6	0	22.98	22.93	22.88	0-1	0
16QAM	1	0	23.28	23.21	23.16	0-1	0
	1	2	23.17	23.21	23.19		0
	1	5	23.21	23.20	23.26		0
	3	0	23.13	23.00	22.95		0
	3	2	22.97	23.13	22.99		0
	3	3	22.90	23.08	22.91		0
	6	0	22.46	22.52	22.50	0-2	0.5
64QAM	1	0	22.43	22.54	22.50	0-2	0.5
	1	2	22.66	22.64	22.54		0.5
	1	5	22.45	22.58	22.54		0.5
	3	0	22.50	23.00	22.45		0.5
	3	2	22.56	23.11	22.53		0.5
	3	3	22.46	22.94	22.50		0.5
	6	0	21.47	21.42	21.41	0-3	1.5
256QAM	1	0	19.47	19.53	19.61	0-5	3.5
	1	2	19.51	19.51	19.66		3.5
	1	5	19.53	19.57	19.48		3.5
	3	0	19.48	19.55	19.56		3.5
	3	2	19.55	19.66	19.60		3.5
	3	3	19.52	19.40	19.34		3.5
	6	0	19.29	19.53	19.47	3.5	

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 12 of 336

H.1.3

LTE Band 13

Table H-13

LTE Band 13 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.60	0	0
	1	12	24.58		0
	1	24	24.58		0
	12	0	23.73	0-1	1
	12	6	23.74		1
	12	13	23.74		1
	25	0	23.60		1
16QAM	1	0	23.94	0-1	1
	1	12	23.87		1
	1	24	23.96		1
	12	0	22.88	0-2	2
	12	6	22.71		2
	12	13	22.84		2
	25	0	22.82		2
64QAM	1	0	22.34	0-2	2
	1	12	22.46		2
	1	24	22.40		2
	12	0	21.50	0-3	3
	12	6	21.70		3
	12	13	21.45		3
	25	0	21.52		3
256QAM	1	0	19.38	0-5	5
	1	12	19.45		5
	1	24	19.45		5
	12	0	19.70		5
	12	6	19.81		5
	12	13	19.78		5
	25	0	19.64		5

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.



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 13 of 336

Table H-14
LTE Band 13 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.89	0	0
	1	12	22.90		0
	1	24	22.79		0
	12	0	23.03	0-1	0
	12	6	22.95		0
	12	13	22.97		0
	25	0	22.92		0
16QAM	1	0	23.22	0-1	0
	1	12	23.12		0
	1	24	22.91		0
	12	0	22.59	0-2	0.5
	12	6	22.56		0.5
	12	13	22.48		0.5
	25	0	22.40		0.5
64QAM	1	0	22.25	0-2	0.5
	1	12	22.38		0.5
	1	24	22.40		0.5
	12	0	21.26	0-3	1.5
	12	6	21.44		1.5
	12	13	21.42		1.5
	25	0	21.39		1.5
256QAM	1	0	19.61	0-5	3.5
	1	12	19.59		3.5
	1	24	19.41		3.5
	12	0	19.48		3.5
	12	6	19.54		3.5
	12	13	19.42		3.5
	25	0	19.45		3.5

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.

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 14 of 336

H.1.4

LTE Band 14

Table H-15

LTE Band 14 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth						
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			23330 (793.0 MHz)			
			Conducted Power [dBm]			
QPSK	1	0	24.53	0	0	
	1	12	24.60		0	
	1	24	24.63		0	
	16QAM	12	0	23.64	0-1	1
		12	6	23.70		1
		12	13	23.59		1
		25	0	23.64		1
64QAM	1	0	23.50	0-1	1	
	1	12	23.44		1	
	1	24	23.47		1	
	256QAM	12	0	22.71	0-2	2
		12	6	22.80		2
		12	13	22.64		2
		25	0	22.78		2
64QAM	1	0	22.78	0-2	2	
	1	12	22.80		2	
	1	24	22.79		2	
	256QAM	12	0	21.68	0-3	3
		12	6	21.69		3
		12	13	21.72		3
		25	0	21.67		3
256QAM	1	0	19.24	0-5	5	
	1	12	19.50		5	
	1	24	18.97		5	
	12	0	19.78		5	
	12	6	19.77		5	
	12	13	19.86		5	
	25	0	19.19		5	

Note: LTE Band 14 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.




FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 15 of 336

Table H-16
LTE Band 14 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.71	0	0
	1	12	22.77		0
	1	24	22.81		0
	12	0	22.95	0-1	0
	12	6	23.03		0
	12	13	22.99		0
	25	0	22.89		0
16QAM	1	0	23.02	0-1	0
	1	12	23.17		0
	1	24	23.25		0
	12	0	22.47	0-2	0.5
	12	6	22.54		0.5
	12	13	22.51		0.5
	25	0	22.49		0.5
64QAM	1	0	22.51	0-2	0.5
	1	12	22.49		0.5
	1	24	22.52		0.5
	12	0	21.43	0-3	1.5
	12	6	21.53		1.5
	12	13	21.46		1.5
	25	0	21.41		1.5
256QAM	1	0	19.55	0-5	3.5
	1	12	19.55		3.5
	1	24	19.45		3.5
	12	0	19.45		3.5
	12	6	19.42		3.5
	12	13	19.48		3.5
	25	0	19.35		3.5

Note: LTE Band 14 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.

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 16 of 336

H.1.5

LTE Band 26

Table H-17

LTE Band 26 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.94	23.82	24.10	0	0
	1	25	24.00	23.85	24.01		0
	1	49	24.03	23.93	24.05		0
	25	0	23.08	22.89	23.01	0-1	1
	25	12	23.27	23.00	23.07		1
	25	25	23.23	22.90	23.03		1
16QAM	50	0	23.20	22.88	22.98	0-1	1
	1	0	22.99	23.32	23.34		1
	1	25	23.00	23.31	23.15		1
	1	49	23.01	23.30	23.12	0-2	1
	25	0	22.21	21.91	22.17		2
	25	12	22.39	21.98	22.22		2
64QAM	25	25	22.37	21.97	22.15	0-2	2
	50	0	22.27	21.94	22.02		2
	1	0	22.45	22.21	22.35		2
	1	25	22.51	22.20	22.45	0-3	2
	1	49	22.47	22.17	22.36		2
	25	0	21.16	21.00	21.13		3
256QAM	25	12	21.32	21.07	21.18	0-3	3
	25	25	21.33	21.10	21.11		3
	50	0	21.17	20.98	21.03		3
	1	0	18.80	18.95	19.70	0-5	5
	1	25	18.97	19.12	19.74		5
	1	49	19.00	19.05	19.22		5
25	0	19.11	19.11	19.18	5		
25	12	19.34	19.15	19.20	5		
25	25	19.33	19.16	19.23	5		
50	0	19.26	19.07	19.00	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 17 of 336

Table H-18

LTE Band 26 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	23.80	23.84	23.80	0	0	
	1	12	23.94	23.86	23.74		0	
	1	24	24.00	23.90	23.81		0	
	12	0	23.05	22.97	22.87	0-1	1	
	12	6	23.08	23.03	22.94		1	
	12	13	23.10	23.06	22.96		1	
16QAM	25	0	23.05	22.98	22.88	0-1	1	
	1	0	23.02	23.15	23.10		0-1	1
	1	12	23.15	23.10	23.04			1
	1	24	23.19	23.20	23.11	0-2		1
	12	0	22.08	22.05	21.97		2	
	12	6	22.15	22.10	22.09		2	
64QAM	12	13	22.15	22.13	22.02	0-2	2	
	25	0	22.04	21.99	21.94		2	
	1	0	22.18	21.96	21.93		0-2	2
	1	12	22.10	21.97	22.07	2		
	1	24	21.97	22.04	21.92	0-3		2
	12	0	21.03	21.00	20.95		3	
12	6	21.12	21.05	21.04	3			
256QAM	12	13	21.12	21.10	21.00	0-3	3	
	25	0	21.06	21.02	20.86		3	
	1	0	19.25	19.16	19.21		0-5	5
	1	12	19.26	19.34	19.26	5		
	1	24	19.29	19.26	19.07	5		
	12	0	19.22	19.12	19.07	5		
12	6	19.27	19.21	19.16	5			
12	13	19.26	19.16	19.12	5			
25	0	19.19	19.07	19.11	5			


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 18 of 336

Table H-19

LTE Band 26 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.77	23.90	23.84	0	0
	1	7	23.84	23.81	23.85		0
	1	14	23.90	23.88	23.92		0
	8	0	23.00	22.93	22.95	0-1	1
	8	4	23.02	23.00	23.03		1
	8	7	23.02	22.99	22.97		1
16QAM	15	0	23.05	22.92	23.00	0-1	1
	1	0	23.29	22.99	22.89		1
	1	7	23.26	22.92	22.84		1
	1	14	23.34	23.01	22.89	0-2	1
	8	0	22.12	22.00	22.05		2
	8	4	22.14	22.15	22.13		2
64QAM	8	7	22.13	22.12	22.10	0-2	2
	15	0	22.10	21.91	22.06		2
	1	0	22.12	22.30	22.29		0-2
	1	7	22.10	22.22	22.20	2	
	1	14	22.14	22.29	22.26	2	
	256QAM	8	0	21.09	20.91	21.01	0-3
8		4	21.11	21.05	21.10	3	
8		7	21.11	21.02	21.04	3	
15		0	21.14	21.06	21.01	0-5	3
1		0	18.90	18.90	19.55		5
1		7	19.05	19.10	19.61		5
256QAM	1	14	18.96	19.11	18.92	0-5	5
	8	0	19.00	19.04	19.07		5
	8	4	19.02	19.12	19.14		5
	8	7	18.96	19.12	19.10	5	
	15	0	19.10	19.00	19.04	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 19 of 336

Table H-20

LTE Band 26 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.85	24.00	23.78	0	0
	1	2	23.93	24.09	23.85		0
	1	5	24.01	24.07	23.83		0
	3	0	23.87	23.88	23.80		0
	3	2	23.94	23.98	23.85		0
	3	3	23.90	23.92	23.81		0
16QAM	6	0	23.00	23.04	22.89	0-1	1
	1	0	22.98	23.05	23.27	0-1	1
	1	2	22.96	23.17	23.28		1
	1	5	22.93	23.11	23.30		1
	3	0	23.12	22.91	23.23		1
	3	2	23.24	23.05	23.06		1
3	3	23.21	22.97	23.09	1		
64QAM	6	0	22.16	22.05	21.88	0-2	2
	1	0	22.18	22.06	21.99	0-2	2
	1	2	22.16	22.20	22.08		2
	1	5	22.24	22.19	21.99		2
	3	0	21.92	21.86	22.00		2
	3	2	22.00	21.97	22.04		2
3	3	21.95	21.91	22.02	2		
256QAM	6	0	21.10	21.05	21.23	0-3	3
	1	0	19.00	19.13	19.20	0-5	5
	1	2	19.04	19.05	19.25		5
	1	5	19.07	19.06	19.10		5
	3	0	19.09	19.10	19.03		5
	3	2	19.12	19.07	19.04		5
3	3	19.10	19.08	19.08	5		
	6	0	19.04	19.02	18.95		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 20 of 336

Table H-21
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.75	22.78	22.86	0	0	
	1	25	22.74	22.77	22.77		0	
	1	49	22.78	22.80	22.79		0	
	25	0	22.70	22.77	22.84	0-1	0	
	25	12	22.85	22.71	22.77		0	
	25	25	22.88	22.79	22.76		0	
16QAM	50	0	22.75	22.74	22.77	0-1	0	
	1	0	23.10	23.20	23.26		0	
	1	25	23.29	23.10	23.23		0	
	1	49	23.19	23.38	23.25	0-2	0	
	25	0	21.71	21.71	21.81		0.7	
	25	12	21.92	21.83	21.87		0.7	
64QAM	25	25	21.90	21.84	21.70	0-2	0.7	
	50	0	21.85	21.75	21.76		0.7	
	1	0	21.84	21.88	22.07		0.7	
	1	25	21.93	22.06	22.08	0-2	0.7	
	1	49	22.09	22.03	21.88		0.7	
	25	0	20.78	20.77	20.82		0-3	1.7
25	12	20.92	20.90	20.96	1.7			
25	25	20.92	20.96	20.88	1.7			
256QAM	50	0	20.81	20.75	20.82	0-3	1.7	
	1	0	18.68	18.90	18.81		0-5	3.7
	1	25	19.00	18.94	18.97			3.7
	1	49	18.86	19.02	19.00	3.7		
	25	0	18.72	18.79	18.80	3.7		
	25	12	18.86	18.85	18.93	3.7		
25	25	18.78	18.93	18.86	3.7			
50	0	18.88	18.87	18.92	3.7			


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 21 of 336

Table H-22
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.66	22.79	22.85	0	0
	1	12	22.68	22.74	22.81		0
	1	24	22.73	22.81	22.83		0
	12	0	22.81	22.79	22.86	0-1	0
	12	6	22.94	22.90	22.96		0
	12	13	22.84	22.90	22.99		0
16QAM	25	0	22.81	22.81	22.85	0-1	0
	1	0	22.96	23.08	23.19		0
	1	12	23.07	23.15	23.14		0
	1	24	23.14	23.17	23.20	0-2	0
	12	0	21.83	21.89	21.91		0.7
	12	6	21.94	21.90	21.84		0.7
64QAM	12	13	21.94	21.89	22.04	0-2	0.7
	25	0	21.85	21.87	21.85		0.7
	1	0	21.87	21.97	22.18		0-2
	1	12	21.94	22.00	22.07	0.7	
	1	24	21.98	22.08	22.03	0-3	
	12	0	20.80	20.82	20.85		1.7
12	6	20.87	20.89	20.95	1.7		
256QAM	12	13	20.91	21.02	20.93	0-3	1.7
	25	0	20.88	20.87	20.86		1.7
	1	0	18.79	18.96	18.91		0-5
	1	12	18.89	19.11	19.04	3.7	
	1	24	18.89	19.02	18.89	3.7	
	12	0	18.82	18.82	18.88	0-5	3.7
12	6	18.85	18.80	18.96	3.7		
12	13	18.80	18.92	18.91	3.7		
	25	0	18.80	18.86	18.85		3.7


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 22 of 336

Table H-23
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.70	22.84	22.74	0	0
	1	7	22.71	22.80	22.76		0
	1	14	22.73	22.75	22.82		0
	8	0	22.80	22.83	22.85	0-1	0
	8	4	22.88	22.88	22.95		0
	8	7	22.86	22.92	22.86		0
16QAM	15	0	22.80	22.74	22.82	0-1	0
	1	0	22.94	23.15	23.17		0
	1	7	22.99	23.14	23.12		0
	1	14	22.85	23.18	23.17	0-2	0
	8	0	21.90	21.95	21.95		0.7
	8	4	21.89	22.00	21.90		0.7
64QAM	8	7	22.02	21.98	21.92	0-2	0.7
	15	0	21.75	21.82	21.82		0.7
	1	0	21.94	21.99	22.11		0-2
	1	7	21.89	21.99	22.07	0.7	
	1	14	22.06	22.03	22.12	0-3	
	8	0	20.78	20.82	20.88		1.7
8	4	20.80	20.96	20.95	1.7		
256QAM	8	7	20.81	21.03	20.96	0-3	1.7
	15	0	20.85	20.91	20.88		1.7
	1	0	18.85	18.93	18.90		0-5
	1	7	18.98	19.03	18.87	3.7	
	1	14	18.97	19.01	19.03	3.7	
	8	0	18.73	18.84	18.82	0-5	3.7
8	4	18.96	18.98	18.99	3.7		
8	7	18.77	18.92	18.97	3.7		
15	0	18.88	18.95	18.89	0-5	3.7	

FCC ID: A3LSMF711U



SAR EVALUATION REPORT

Reviewed by:
Quality Manager


Test Dates:
04/08/21 - 06/03/21

DUT Type:
Portable Handset

APPENDIX H:
Page 23 of 336

Table H-24
LTE Band 26 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.70	22.72	22.77	0	0
	1	2	22.71	22.92	22.72		0
	1	5	22.68	22.75	22.79		0
	3	0	22.67	22.70	22.70		0
	3	2	22.75	22.74	22.77		0
	3	3	22.66	22.75	22.72		0
16QAM	6	0	22.68	22.78	22.81	0-1	0
	1	0	22.89	22.88	22.99	0-1	0
	1	2	22.85	23.12	23.12		0
	1	5	22.88	23.07	23.03		0
	3	0	22.82	22.80	22.82		0
	3	2	22.91	22.92	22.86		0
3	3	22.82	22.98	22.91	0		
64QAM	6	0	21.86	21.89	21.97	0-2	0.7
	1	0	22.02	21.92	22.03	0-2	0.7
	1	2	21.84	21.96	21.88		0.7
	1	5	21.89	21.91	21.91		0.7
	3	0	21.79	21.78	21.87		0.7
	3	2	21.88	21.84	21.78		0.7
3	3	21.82	21.91	21.90	0.7		
256QAM	6	0	20.74	20.78	20.88	0-3	1.7
	1	0	18.82	18.91	18.93	0-5	3.7
	1	2	18.93	18.93	18.96		3.7
	1	5	18.80	19.00	18.93		3.7
	3	0	18.82	18.89	18.80		3.7
	3	2	18.83	18.81	18.94		3.7
3	3	18.89	18.93	18.95	3.7		
	6	0	18.81	18.79	18.83		3.7

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 24 of 336

H.1.6

LTE Band 5

Table H-25

LTE Band 5 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	23.63	23.74	23.62	0	0	
	1	12	23.71	23.73	23.72		0	
	1	24	23.64	23.73	23.66		0	
	QPSK	12	0	22.65	22.76	22.77	0-1	1
		12	6	22.54	22.74	22.80		1
		12	13	22.67	22.75	22.64		1
		25	0	22.69	22.75	22.63		1
1		0	22.55	22.60	22.55	1		
16QAM	1	12	22.63	22.71	22.67	0-1	1	
	1	24	22.48	22.75	22.86		1	
	12	0	21.68	21.71	22.11		0-2	2
	12	6	21.69	21.73	22.07	2		
	12	13	21.65	21.69	21.96	2		
	25	0	21.63	21.77	22.22	2		
	64QAM	1	0	21.74	21.74	21.87	0-2	2
1		12	21.78	21.72	22.23	2		
1		24	21.66	21.76	21.88	2		
64QAM		12	0	20.75	20.80	20.85	0-3	3
		12	6	20.68	20.72	20.79		3
		12	13	20.63	20.77	20.64		3
		25	0	20.57	20.81	20.86		3
256QAM	1	0	18.51	18.50	18.51	0-5	5	
	1	12	18.57	18.70	18.59		5	
	1	24	18.63	18.63	18.58		5	
	12	0	18.57	18.43	18.54		5	
	12	6	18.59	18.60	18.55		5	
	12	13	18.53	18.54	18.53		5	
	25	0	18.67	18.47	18.37		5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 25 of 336

Table H-26

LTE Band 5 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.88	23.78	23.70	0	0
	1	7	23.79	23.82	23.72		0
	1	14	23.82	23.80	23.74		0
	8	0	23.01	22.91	22.88	0-1	1
	8	4	22.98	22.90	22.91		1
	8	7	22.84	22.68	22.89		1
16QAM	15	0	22.96	22.85	22.86	0-1	1
	1	0	22.89	22.63	22.85		1
	1	7	22.59	22.50	22.80		1
	1	14	22.61	22.66	22.83	0-2	1
	8	0	22.12	22.05	21.93		2
	8	4	22.15	22.07	21.96		2
64QAM	8	7	22.09	22.10	21.95	0-2	2
	15	0	22.01	21.90	21.84		2
	1	0	22.08	22.09	22.13		0-2
	1	7	22.13	22.19	22.04	2	
	1	14	22.09	22.18	22.14	2	
	256QAM	8	0	21.14	21.05	20.89	0-3
8		4	21.12	21.10	20.98	3	
8		7	21.11	21.12	20.86	3	
15		0	20.98	21.08	20.90	0-5	3
1		0	19.00	18.63	18.83		5
1		7	18.89	18.69	18.85		5
256QAM	1	14	18.90	18.74	18.93	0-5	5
	8	0	19.03	18.80	18.99		5
	8	4	19.06	18.93	19.04		5
	8	7	18.93	19.00	19.01	5	
	15	0	19.12	19.05	18.80	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 26 of 336

Table H-27

LTE Band 5 (Cell) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.98	23.74	23.72	0	0
	1	2	23.96	23.88	23.81		0
	1	5	23.93	23.80	23.83		0
	3	0	23.87	23.82	23.77		0
	3	2	23.97	23.92	23.84		0
	3	3	23.89	23.87	23.82		0
16QAM	6	0	23.01	22.93	22.87	0-1	1
	1	0	22.88	22.84	22.99	0-1	1
	1	2	23.12	22.99	23.13		1
	1	5	22.91	22.92	23.04		1
	3	0	22.97	23.09	22.98		1
	3	2	23.00	23.10	23.01		1
3	3	23.07	23.08	22.99	1		
64QAM	6	0	21.93	21.90	21.78	0-2	2
	1	0	22.24	22.10	21.99	0-2	2
	1	2	22.22	22.18	22.00		2
	1	5	22.14	22.24	21.87		2
	3	0	22.32	21.85	22.01		2
	3	2	22.39	21.96	22.04		2
3	3	22.41	21.89	22.02	2		
256QAM	6	0	21.04	21.10	21.19	0-3	3
	1	0	18.99	18.71	18.79	0-5	5
	1	2	19.03	18.97	18.83		5
	1	5	18.95	18.81	18.78		5
	3	0	18.84	18.86	18.86		5
	3	2	18.86	18.79	19.00		5
3	3	18.89	19.01	18.84	5		
	6	0	18.84	18.80	18.78		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 27 of 336

Table H-28
LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.72	22.73	22.71	0	0
	1	12	22.81	22.86	22.83		0
	1	24	22.74	22.88	22.75		0
	12	0	22.91	22.91	22.84	0-1	0
	12	6	23.01	23.05	22.93		0
	12	13	22.86	23.01	22.88		0
	25	0	22.90	22.97	22.85		0
16QAM	1	0	23.06	23.19	23.13	0-1	0
	1	12	23.19	23.17	23.11		0
	1	24	23.13	23.16	23.12		0
	12	0	21.99	21.97	21.95	0-2	0.7
	12	6	22.00	22.09	21.96		0.7
	12	13	21.95	22.10	21.91		0.7
	25	0	21.94	22.02	21.83		0.7
64QAM	1	0	22.04	22.05	21.97	0-2	0.7
	1	12	22.08	22.19	22.04		0.7
	1	24	21.97	22.10	21.89		0.7
	12	0	21.02	20.94	20.89	0-3	1.7
	12	6	21.01	21.07	21.03		1.7
	12	13	21.11	21.03	20.97		1.7
	25	0	20.92	20.99	20.86		1.7
256QAM	1	0	18.97	18.95	18.96	0-5	3.7
	1	12	19.02	19.16	19.10		3.7
	1	24	18.93	19.08	18.93		3.7
	12	0	18.86	18.94	18.86		3.7
	12	6	18.99	19.00	19.01		3.7
	12	13	18.89	19.05	18.91		3.7
	25	0	18.94	19.03	19.00		3.7


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 28 of 336

Table H-29
LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.84	22.46	22.74	0	0
	1	7	22.90	22.89	22.81		0
	1	14	22.80	22.91	22.76		0
	8	0	22.98	22.93	22.80	0-1	0
	8	4	22.97	23.02	22.89		0
	8	7	22.90	22.94	22.94		0
16QAM	15	0	22.92	22.92	22.79	0-1	0
	1	0	23.19	23.05	23.13		0
	1	7	23.15	23.13	23.11		0
	1	14	23.03	23.25	23.15	0-2	0
	8	0	22.08	21.95	21.88		0.7
	8	4	22.04	22.13	21.95		0.7
64QAM	8	7	22.05	22.11	21.97	0-2	0.7
	15	0	21.96	21.93	21.83		0.7
	1	0	22.14	22.03	22.00		0.7
	1	7	22.12	21.87	21.88	0-3	0.7
	1	14	22.07	22.07	22.11		0.7
	8	0	20.95	20.88	20.82		1.7
256QAM	8	4	20.96	21.05	20.91	0-3	1.7
	8	7	20.95	21.05	20.89		1.7
	15	0	21.05	20.96	20.90		1.7
	1	0	19.07	18.84	18.92	0-5	3.7
	1	7	19.15	19.13	18.93		3.7
	1	14	18.98	19.11	19.00		3.7
8	0	18.94	18.97	18.87	3.7		
8	4	18.97	19.10	18.92	3.7		
8	7	18.99	19.07	18.89	3.7		
15	0	18.92	19.05	18.85	3.7		



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 29 of 336

Table H-30
LTE Band 5 (Cell) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.73	22.74	22.72	0	0
	1	2	22.88	22.94	22.76		0
	1	5	22.79	22.76	22.69		0
	3	0	22.80	22.72	22.70		0
	3	2	22.85	22.73	22.79		0
	3	3	22.78	22.77	22.72		0
	6	0	22.88	23.12	22.77		0
16QAM	1	0	23.22	23.11	22.99	0-1	0
	1	2	23.17	23.19	23.15		0
	1	5	23.14	22.90	23.15		0
	3	0	23.03	22.97	22.91		0
	3	2	23.01	23.09	22.97		0
	3	3	22.78	23.12	22.97		0
	6	0	22.04	21.98	21.99		0
64QAM	1	0	22.06	22.00	21.92	0-2	0.7
	1	2	21.95	22.18	21.95		0.7
	1	5	22.04	21.98	22.02		0.7
	3	0	21.96	21.71	21.86		0.7
	3	2	22.04	22.00	21.80		0.7
	3	3	21.94	21.95	21.75		0.7
	6	0	20.92	20.92	20.85		0
256QAM	1	0	19.20	18.99	18.91	0-5	3.7
	1	2	19.09	19.12	19.00		3.7
	1	5	19.00	19.01	18.92		3.7
	3	0	19.02	19.03	18.93		3.7
	3	2	19.03	19.21	19.01		3.7
	3	3	19.01	19.04	19.28		3.7
	6	0	18.88	18.93	18.80		3.7

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 30 of 336

H.1.7

LTE Band 66

Table H-31

LTE Band 66 (AWS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.91	23.63	24.15	0	0
	1	36	24.10	23.95	24.24		0
	1	74	23.84	23.94	24.01		0
	36	0	23.03	23.20	23.27	0-1	1
	36	18	23.15	23.10	23.32		1
	36	37	23.07	23.12	23.26		1
16QAM	75	0	23.05	23.16	23.21	0-1	1
	1	0	22.98	23.29	23.28		1
	1	36	23.12	23.40	23.27		1
	1	74	22.84	23.41	23.06	0-2	1
	36	0	22.03	22.20	22.34		2
	36	18	22.12	22.17	22.38		2
64QAM	36	37	22.09	22.18	22.33	0-2	2
	75	0	22.09	22.14	22.30		2
	1	0	21.89	21.90	22.20		2
	1	36	22.28	21.85	21.96	0-3	2
	1	74	22.21	21.96	21.80		2
	36	0	21.05	20.99	21.13		3
256QAM	36	18	21.04	20.89	21.18	0-3	3
	36	37	21.08	20.83	20.99		3
	75	0	21.06	20.93	21.12		3
	1	0	19.12	19.15	19.18	0-5	5
	1	36	19.26	18.90	19.24		5
	1	74	19.25	18.97	19.25		5
36	0	19.14	19.15	19.29	5		
36	18	19.31	19.16	19.37	5		
36	37	19.12	19.17	19.37	5		
75	0	19.16	19.15	19.31	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 31 of 336

Table H-32

LTE Band 66 (AWS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	23.94	23.98	23.81	0	0
	1	12	23.98	24.05	23.74		0
	1	24	23.88	24.08	23.82		0
	12	0	23.09	23.22	23.15	0-1	1
	12	6	23.11	23.21	23.13		1
	12	13	23.00	23.18	23.13		1
16QAM	25	0	23.03	23.23	23.01	0-1	1
	1	0	23.22	23.30	23.41		1
	1	12	23.30	23.34	23.12		1
	1	24	23.31	23.32	23.20	0-2	1
	12	0	22.25	22.25	22.22		2
	12	6	22.20	22.28	22.21		2
64QAM	12	13	22.09	22.23	22.21	0-2	2
	25	0	21.98	22.10	22.15		2
	1	0	21.99	22.00	22.20		2
	1	12	22.07	21.85	21.92	0-3	2
	1	24	22.12	22.02	21.86		2
	12	0	21.21	20.98	21.15		3
256QAM	12	6	21.15	20.89	21.18	0-3	3
	12	13	21.09	20.88	21.16		3
	25	0	21.07	20.70	21.18		3
	1	0	19.12	18.91	18.97	0-5	5
	1	12	19.18	18.80	18.98		5
	1	24	19.12	18.88	18.93		5
256QAM	12	0	19.20	19.10	19.12	0-5	5
	12	6	19.18	19.12	19.35		5
	12	13	19.08	19.11	19.29		5
	25	0	19.07	19.13	19.33		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 32 of 336

Table H-33

LTE Band 66 (AWS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	24.00	23.97	24.07	0	0
	1	7	24.16	23.91	23.74		0
	1	14	24.00	24.00	23.65		0
	8	0	23.16	23.13	23.16	0-1	1
	8	4	23.11	23.25	23.11		1
	8	7	23.12	23.22	23.07		1
16QAM	15	0	23.16	23.10	23.09	0-1	1
	1	0	23.25	23.33	23.40		1
	1	7	23.42	23.28	23.37		1
	1	14	23.27	23.16	23.30	0-2	1
	8	0	22.31	22.28	22.28		2
	8	4	22.25	22.31	22.28		2
64QAM	8	7	22.33	22.21	22.17	0-2	2
	15	0	22.15	22.10	22.12		2
	1	0	21.74	21.68	21.71		2
	1	7	21.74	21.65	21.65	0-3	2
	1	14	21.99	21.71	21.60		2
	8	0	20.70	20.80	20.68		3
256QAM	8	4	20.84	20.69	20.58	0-3	3
	8	7	20.75	20.70	20.64		3
	15	0	20.70	20.65	20.69		3
	1	0	18.97	18.88	19.18	0-5	5
	1	7	18.95	19.10	19.16		5
	1	14	18.99	18.97	19.10		5
8	0	19.31	19.15	19.14	5		
8	4	19.18	19.27	19.19	5		
8	7	19.07	19.19	19.08	5		
	15	0	19.13	19.14	19.12		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 33 of 336

Table H-34

LTE Band 66 (AWS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	23.93	23.87	23.95	0	0
	1	2	24.04	24.01	23.80		0
	1	5	23.92	23.98	23.75		0
	3	0	24.01	23.95	23.80		0
	3	2	23.90	24.08	23.95		0
	3	3	23.91	23.96	23.90		0
16QAM	6	0	23.11	23.08	23.05	0-1	1
	1	0	23.18	23.35	23.25	0-1	1
	1	2	23.44	23.44	23.33		1
	1	5	23.29	23.17	23.27		1
	3	0	23.08	23.25	23.14		1
	3	2	23.21	23.26	23.21		1
3	3	23.16	23.23	23.14	1		
64QAM	6	0	22.10	22.20	22.09	0-2	2
	1	0	21.62	21.63	21.72	0-2	2
	1	2	21.73	21.66	21.68		2
	1	5	21.70	21.64	21.71		2
	3	0	21.55	21.56	21.68		2
	3	2	21.83	21.60	21.51		2
3	3	21.60	21.68	21.60	2		
256QAM	6	0	20.56	20.51	20.69	0-3	3
	1	0	19.00	19.18	19.11	0-5	5
	1	2	18.65	19.20	19.03		5
	1	5	18.66	19.18	18.97		5
	3	0	18.60	19.04	19.11		5
	3	2	18.63	19.10	19.22		5
3	3	18.57	19.08	19.13	5		
	6	0	18.63	19.07	18.91		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 34 of 336

Table H-35
LTE Band 66 (AWS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.39	18.40	18.48	0	0
	1	36	18.58	18.41	18.38		0
	1	74	18.34	18.37	18.33		0
	36	0	18.69	18.56	18.52	0-1	0
	36	18	18.66	18.67	18.45		0
	36	37	18.62	18.59	18.53		0
16QAM	75	0	18.68	18.63	18.76	0-1	0
	1	0	18.65	18.78	18.80		0
	1	36	18.84	18.77	18.71		0
	1	74	18.65	18.67	18.57	0-2	0
	36	0	18.70	18.55	18.53		0
	36	18	18.72	18.64	18.42		0
64QAM	36	37	18.68	18.66	18.54	0-2	0
	75	0	18.71	18.62	18.41		0
	1	0	18.62	18.62	18.70		0-3
	1	36	18.77	18.76	18.74	0	
	1	74	18.67	18.68	18.70	0	
	36	0	18.73	18.61	18.53	0-5	0
36	18	18.74	18.69	18.61	0		
36	37	18.75	18.59	18.57	0		
75	0	18.65	18.65	18.52	0		
1	0	18.57	18.47	18.43	0		
256QAM	1	36	18.68	18.65	18.66	0-5	0
	1	74	18.39	18.63	18.51		0
	36	0	18.71	18.51	18.40		0
	36	18	18.67	18.67	18.70		0
	36	37	18.66	18.62	18.51		0
	75	0	18.71	18.66	18.50		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 35 of 336

Table H-36
LTE Band 66 (AWS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.39	18.57	18.47	0	0
	1	12	18.70	18.69	18.48		0
	1	24	18.46	18.62	18.41		0
	12	0	18.71	18.74	18.57	0-1	0
	12	6	18.74	18.69	18.56		0
	12	13	18.66	18.72	18.54		0
16QAM	25	0	18.65	18.68	18.50	0-1	0
	1	0	18.77	18.78	18.76		0
	1	12	18.71	18.80	18.79		0
	1	24	18.75	18.81	18.77	0-2	0
	12	0	18.68	18.75	18.62		0
	12	6	18.65	18.77	18.61		0
64QAM	12	13	18.61	18.67	18.54	0-2	0
	25	0	18.69	18.71	18.56		0
	1	0	18.64	18.70	18.57		0-3
	1	12	18.72	18.84	18.75	0	
	1	24	18.67	18.80	18.60	0	
	256QAM	12	0	18.69	18.71	18.65	0-3
12		6	18.70	18.76	18.64	0	
12		13	18.68	18.73	18.57	0	
25		0	18.73	18.70	18.53	0-5	0
1		0	18.60	18.64	18.59		0
1		12	18.67	18.55	18.66		0
256QAM	1	24	18.70	18.49	18.40	0-5	0
	12	0	18.73	18.61	18.54		0
	12	6	18.75	18.54	18.59		0
	12	13	18.68	18.50	18.46	0-5	0
	25	0	18.74	18.61	18.58		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 36 of 336

Table H-37
LTE Band 66 (AWS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.39	18.50	18.41	0	0
	1	7	18.47	18.63	18.48		0
	1	14	18.51	18.51	18.30		0
	8	0	18.64	18.65	18.44	0-1	0
	8	4	18.64	18.68	18.50		0
	8	7	18.53	18.62	18.43		0
16QAM	15	0	18.66	18.77	18.35	0-1	0
	1	0	18.69	18.71	18.69		0
	1	7	18.69	18.68	18.57		0
	1	14	18.74	18.70	18.60	0-2	0
	8	0	18.65	18.62	18.54		0
	8	4	18.71	18.72	18.57		0
64QAM	8	7	18.65	18.59	18.44	0-2	0
	15	0	18.54	18.56	18.37		0
	1	0	18.65	18.69	18.60		0-3
	1	7	18.73	18.78	18.53	0	
	1	14	18.67	18.73	18.56	0	
	256QAM	8	0	18.66	18.61	18.50	0-3
8		4	18.63	18.72	18.64	0	
8		7	18.69	18.64	18.35	0	
15		0	18.67	18.59	18.48	0-5	0
1		0	18.59	18.57	18.39		0
1		7	18.35	18.54	18.64		0
256QAM	1	14	18.64	18.74	18.39	0-5	0
	8	0	18.57	18.68	18.51		0
	8	4	18.63	18.70	18.56		0
	8	7	18.59	18.67	18.45	0-5	0
	15	0	18.60	18.59	18.42		0
	15	0	18.60	18.59	18.42		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 37 of 336

Table H-38
LTE Band 66 (AWS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.40	18.48	18.32	0	0
	1	2	18.43	18.57	18.49		0
	1	5	18.36	18.44	18.30		0
	3	0	18.46	18.50	18.28		0
	3	2	18.49	18.51	18.25		0
	3	3	18.42	18.42	18.21		0
16QAM	6	0	18.45	18.59	18.36	0-1	0
	1	0	18.77	18.72	18.61	0-1	0
	1	2	18.79	18.75	18.67		0
	1	5	18.71	18.53	18.44		0
	3	0	18.44	18.70	18.57		0
	3	2	18.64	18.81	18.47		0
3	3	18.64	18.67	18.43	0		
64QAM	6	0	18.53	18.52	18.27	0-2	0
	1	0	18.62	18.41	18.62	0-2	0
	1	2	18.74	18.65	18.73		0
	1	5	18.39	18.64	18.60		0
	3	0	18.64	18.72	18.31		0
	3	2	18.63	18.68	18.42		0
3	3	18.49	18.51	18.35	0		
256QAM	6	0	18.42	18.60	18.48	0-3	0
	1	0	18.63	18.65	18.44	0-5	0
	1	2	18.62	18.40	18.30		0
	1	5	18.55	18.64	18.32		0
	3	0	18.53	18.68	18.49		0
	3	2	18.63	18.72	18.45		0
3	3	18.47	18.64	18.45	0		
	6	0	18.57	18.59	18.33		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 38 of 336

Table H-39
LTE Band 66 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	20.69	20.72	20.79	0	0	
	1	36	20.72	20.78	20.81		0	
	1	74	20.75	20.70	20.65		0	
	16QAM	36	0	20.92	20.89	20.78	0-1	0
		36	18	21.02	20.90	20.80		0
		36	37	20.94	20.92	20.86		0
		75	0	20.97	20.91	20.79		0
64QAM	1	0	20.98	20.96	20.95	0-1	0	
	1	36	21.29	21.24	20.87		0	
	1	74	21.10	21.17	21.08		0	
	256QAM	36	0	21.10	21.07	20.79	0-2	0
		36	18	21.01	21.04	20.81		0
		36	37	20.98	21.05	20.87		0
64QAM	75	0	21.00	21.03	20.85	0-2	0	
	1	0	20.83	21.07	20.89		0-3	0
	1	36	20.75	21.22	20.98			0
	1	74	21.00	21.25	21.03	0		
	36	0	20.60	20.66	20.89	0		
	256QAM	36	18	20.85	20.70	20.85	0-5	0
		36	37	21.04	20.67	20.72		0
75		0	20.80	20.59	20.79	0		
1		0	18.97	19.07	18.84	1.4		
1		36	19.09	19.22	19.09	1.4		
1		74	18.92	19.10	18.85	1.4		
256QAM	36	0	19.04	19.02	18.88	1.4		
	36	18	19.05	19.04	18.93	1.4		
	36	37	19.02	18.99	18.83	1.4		
	75	0	19.02	18.94	18.75	1.4		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 39 of 336

Table H-40
LTE Band 66 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	20.94	20.89	20.89	0	0	
	1	12	20.98	21.04	20.94		0	
	1	24	20.91	20.86	20.80		0	
	16QAM	12	0	20.99	21.01	20.90	0-1	0
		12	6	20.98	21.07	20.91		0
		12	13	20.87	21.00	20.89		0
		25	0	20.99	20.99	20.88		0
64QAM	1	0	21.25	21.20	21.03	0-1	0	
	1	12	20.87	21.02	21.02		0	
	1	24	20.88	21.09	20.90		0	
	256QAM	12	0	21.06	21.07	20.90	0-2	0
		12	6	21.07	21.08	21.00		0
		12	13	21.11	21.14	20.80		0
64QAM	25	0	20.99	21.03	20.87	0-2	0	
	1	0	21.16	21.06	21.04		0	
	1	12	20.90	21.18	20.96		0	
	256QAM	1	24	21.08	21.19	20.89	0-3	0
		12	0	20.60	20.62	20.63		0
		12	6	20.68	20.66	20.80		0
		12	13	20.67	20.67	20.72		0
256QAM	25	0	20.56	20.64	20.65	0-5	0	
	1	0	19.05	18.81	18.93		1.4	
	1	12	18.96	19.19	19.18		1.4	
	1	24	19.02	19.03	18.79		1.4	
	12	0	19.07	19.06	18.86		1.4	
	12	6	18.91	19.07	18.92		1.4	
	12	13	18.97	18.96	18.73		1.4	
25	0	19.01	18.94	18.84	1.4			


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 40 of 336

Table H-41
LTE Band 66 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	20.93	20.89	20.78	0	0	
	1	7	20.89	21.02	20.70		0	
	1	14	20.89	21.00	20.80		0	
	QPSK	8	0	20.96	20.87	20.84	0-1	0
		8	4	20.85	21.00	20.88		0
		8	7	20.93	21.04	20.79		0
		15	0	20.94	20.98	20.82		0
16QAM	1	0	21.19	21.20	21.08	0-1	0	
	1	7	21.20	21.20	21.06		0	
	1	14	21.17	21.18	20.90		0	
	16QAM	8	0	21.05	21.08	20.99	0-2	0
		8	4	21.05	21.17	21.02		0
		8	7	21.09	21.09	20.86		0
		15	0	21.00	21.00	20.86		0
64QAM	1	0	21.14	21.14	21.00	0-2	0	
	1	7	21.17	21.19	21.02		0	
	1	14	21.05	20.93	20.90		0	
	64QAM	8	0	20.66	20.63	20.60	0-3	0
		8	4	20.69	20.68	20.80		0
		8	7	20.58	20.67	20.72		0
		15	0	20.60	20.61	20.65		0
256QAM	1	0	19.00	19.00	18.96	0-5	1.4	
	1	7	19.11	18.96	18.89		1.4	
	1	14	18.82	18.95	18.87		1.4	
	8	0	19.08	19.02	18.86		1.4	
	8	4	19.04	19.05	19.00		1.4	
	8	7	18.89	18.81	18.87		1.4	
	15	0	18.95	19.10	18.87		1.4	



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 41 of 336

Table H-42
LTE Band 66 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	20.93	20.87	20.93	0	0
	1	2	20.87	20.93	20.91		0
	1	5	20.72	20.86	20.82		0
	3	0	20.77	20.89	20.90		0
	3	2	20.87	20.96	20.92		0
	3	3	20.74	20.91	20.84		0
	6	0	20.93	20.94	20.93	0-1	0
16QAM	1	0	21.20	21.12	21.25	0-1	0
	1	2	21.20	21.24	21.23		0
	1	5	20.97	21.21	21.27		0
	3	0	21.01	21.08	21.06		0
	3	2	21.03	21.10	21.16		0
	3	3	20.96	20.90	21.12		0
	6	0	20.63	21.13	21.17	0-2	0
64QAM	1	0	21.17	21.14	21.10	0-2	0
	1	2	21.14	21.12	21.19		0
	1	5	20.99	21.25	21.15		0
	3	0	21.06	21.08	20.85		0
	3	2	21.26	21.12	21.03		0
	3	3	21.14	21.10	21.09		0
	6	0	20.69	21.08	20.65	0-3	0
256QAM	1	0	19.02	18.90	19.04	0-5	1.4
	1	2	19.01	19.08	19.12		1.4
	1	5	19.05	19.02	18.96		1.4
	3	0	19.01	19.06	19.13		1.4
	3	2	19.14	19.14	19.15		1.4
	3	3	19.03	19.12	18.97		1.4
	6	0	18.99	19.08	18.91		1.4

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 42 of 336

H.1.8 LTE Band 25

Table H-43

LTE Band 25 (PCS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.31	24.40	24.30	0	0
	1	36	24.40	24.14	24.10		0
	1	74	24.41	24.22	24.21		0
	36	0	23.60	23.47	23.30	0-1	1
	36	18	23.52	23.41	23.35		1
	36	37	23.54	23.24	23.24		1
	75	0	23.55	23.40	23.31		1
16QAM	1	0	23.64	23.62	23.50	0-1	1
	1	36	23.60	23.31	23.49		1
	1	74	23.59	23.40	23.55		1
	36	0	22.50	22.46	22.28	0-2	2
	36	18	22.62	22.32	22.34		2
	36	37	22.60	22.30	22.31		2
	75	0	22.49	22.34	22.32		2
64QAM	1	0	22.40	22.50	22.49	0-2	2
	1	36	22.44	21.79	21.96		2
	1	74	22.60	21.70	21.93		2
	36	0	21.20	21.15	21.37	0-3	3
	36	18	21.22	20.70	21.07		3
	36	37	21.44	20.69	20.62		3
	75	0	21.31	20.68	21.07		3
256QAM	1	0	19.36	19.40	19.20	0-5	5
	1	36	19.60	19.40	19.37		5
	1	74	19.34	19.27	19.10		5
	36	0	19.51	19.40	19.22		5
	36	18	19.53	19.54	19.26		5
	36	37	19.50	19.53	19.34		5
	75	0	19.45	19.42	19.24		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 43 of 336

Table H-44

LTE Band 25 (PCS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.26	24.10	24.23	0	0
	1	25	24.50	24.35	23.99		0
	1	49	24.25	24.09	24.13		0
	25	0	23.60	23.34	23.30	0-1	1
	25	12	23.65	23.42	23.33		1
	25	25	23.53	23.32	23.35		1
16QAM	50	0	23.47	23.30	23.37	0-1	1
	1	0	23.75	23.47	23.47		1
	1	25	23.80	23.55	23.40		1
	1	49	23.61	23.54	23.44	0-2	1
	25	0	22.53	22.30	22.11		2
	25	12	22.61	22.32	22.35		2
64QAM	25	25	22.57	22.39	22.29	0-2	2
	50	0	22.52	22.32	22.28		2
	1	0	22.41	22.20	22.39		0-2
	1	25	22.50	21.67	21.90	2	
	1	49	22.28	21.65	21.97	2	
	256QAM	25	0	21.35	21.05	20.82	0-3
25		12	21.37	20.90	20.66	3	
25		25	21.34	20.66	20.59	3	
50		0	21.30	20.70	20.70	0-5	3
1		0	19.50	19.33	19.20		5
1		25	19.57	19.32	19.44		5
256QAM	1	49	19.32	19.25	19.17	0-5	5
	25	0	19.56	19.38	19.20		5
	25	12	19.63	19.45	19.29		5
	25	25	19.30	19.29	19.15	5	
	50	0	19.42	19.28	19.23	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 44 of 336

Table H-45

LTE Band 25 (PCS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	24.30	24.22	23.95	0	0	
	1	12	24.22	24.26	23.91		0	
	1	24	24.24	24.27	23.93		0	
	QPSK	12	0	23.30	23.24	22.86	0-1	1
		12	6	23.38	23.35	23.00		1
		12	13	23.37	23.24	23.10		1
		25	0	23.30	23.25	23.05		1
1		0	23.55	23.41	23.22	1		
16QAM	1	12	23.49	23.25	23.03	0-1	1	
	1	24	23.53	23.23	23.39		1	
	12	0	22.29	22.17	21.97		0-2	2
	12	6	22.41	22.30	22.02	2		
	12	13	22.35	22.26	22.08	2		
	25	0	22.40	22.20	22.05	2		
	64QAM	1	0	22.50	22.01	21.97	0-2	2
1		12	22.16	21.72	21.90	2		
1		24	22.26	21.53	21.86	2		
64QAM		12	0	21.10	21.05	20.84	0-3	3
		12	6	21.26	20.70	20.90		3
		12	13	21.21	20.64	20.67		3
		25	0	21.20	20.66	20.57		3
256QAM	1	0	19.45	19.13	19.15	0-5	5	
	1	12	19.52	19.30	19.22		5	
	1	24	19.48	19.22	19.08		5	
	12	0	19.50	19.10	19.02		5	
	12	6	19.30	19.15	19.04		5	
	12	13	19.34	19.18	19.08		5	
	25	0	19.39	19.21	19.05		5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 45 of 336

Table H-46

LTE Band 25 (PCS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.44	23.98	24.10	0	0
	1	7	24.31	24.06	24.06		0
	1	14	24.42	24.09	24.07		0
	8	0	23.56	23.40	23.17	0-1	1
	8	4	23.50	23.34	23.26		1
	8	7	23.54	23.33	23.29		1
16QAM	15	0	23.57	23.30	23.25	0-1	1
	1	0	23.76	23.51	23.45		1
	1	7	23.67	23.49	23.19		1
	1	14	23.62	23.42	23.24	0-2	1
	8	0	22.70	22.40	22.29		2
	8	4	22.61	22.38	22.38		2
64QAM	8	7	22.54	22.47	22.36	0-2	2
	15	0	22.57	22.31	22.31		2
	1	0	22.50	22.02	21.90		0-2
	1	7	22.50	21.99	21.92	2	
	1	14	22.51	22.07	21.81	2	
	256QAM	8	0	21.41	21.08	20.80	0-3
8		4	21.59	20.91	20.78	3	
8		7	21.50	20.70	20.70	3	
15		0	21.49	20.78	20.65	0-5	3
1		0	19.51	19.40	19.30		5
1		7	19.42	19.55	19.30		5
256QAM	1	14	19.50	19.44	19.14	0-5	5
	8	0	19.59	19.32	19.24		5
	8	4	19.63	19.33	19.32		5
	8	7	19.62	19.43	19.27	5	
	15	0	19.49	19.25	19.29	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 46 of 336

Table H-47

LTE Band 25 (PCS) Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.20	24.07	24.01	0	0
	1	2	24.45	24.17	24.09		0
	1	5	24.33	24.18	23.98		0
	3	0	24.40	24.16	24.05		0
	3	2	24.37	24.21	24.04		0
	3	3	24.42	24.11	24.06		0
16QAM	1	0	23.43	23.48	23.44	0-1	1
	1	2	23.41	23.40	23.47		1
	1	5	23.51	23.51	23.48		1
	3	0	23.51	23.31	23.33		1
	3	2	23.37	23.49	23.22		1
	3	3	23.55	23.42	23.21		1
64QAM	1	0	22.43	22.04	21.89	0-2	2
	1	2	22.39	21.80	21.93		2
	1	5	22.10	21.70	21.78		2
	3	0	21.64	21.66	21.70		2
	3	2	21.70	21.88	21.84		2
	3	3	21.80	21.70	21.87		2
256QAM	1	0	21.35	20.89	20.67	0-3	3
	1	2	19.33	19.35	19.23		5
	1	5	19.50	19.40	19.41		5
	1	5	19.55	19.40	19.12		5
	3	0	19.44	19.33	19.33		5
	3	2	19.46	19.25	19.12		5
256QAM	3	3	19.57	19.38	19.10	0-5	5
	6	0	19.41	19.23	19.15		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 47 of 336

Table H-48
LTE Band 25 (PCS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.86	18.00	17.82	0	0
	1	36	17.99	17.90	17.78		0
	1	74	18.00	18.02	17.98		0
	36	0	18.05	17.92	17.82	0-1	0
	36	18	18.19	18.02	17.97		0
	36	37	17.91	17.66	17.68		0
	75	0	17.96	17.64	17.66		0
16QAM	1	0	17.99	18.01	17.91	0-1	0
	1	36	18.19	17.99	17.95		0
	1	74	18.24	18.03	17.92		0
	36	0	17.89	17.70	17.67	0-2	0
	36	18	17.93	17.80	17.82		0
	36	37	17.97	17.68	17.69		0
	75	0	17.92	17.66	17.65		0
64QAM	1	0	17.87	17.88	17.98	0-2	0
	1	36	18.14	18.05	17.90		0
	1	74	17.97	17.81	17.75		0
	36	0	17.91	17.79	17.69	0-3	0
	36	18	18.06	17.77	17.66		0
	36	37	17.93	17.71	17.71		0
	75	0	17.59	17.65	17.67		0
256QAM	1	0	17.84	18.00	17.75	0-5	0
	1	36	18.07	17.88	17.77		0
	1	74	17.95	17.64	17.66		0
	36	0	17.83	17.72	17.37		0
	36	18	18.03	17.77	17.76		0
	36	37	17.92	17.66	17.68		0
	75	0	17.93	17.64	17.74		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 48 of 336

Table H-49
LTE Band 25 (PCS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.75	17.96	17.95	0	0
	1	25	17.90	18.04	17.65		0
	1	49	17.99	18.04	17.75		0
	25	0	18.01	18.12	17.85	0-1	0
	25	12	18.12	18.30	17.86		0
	25	25	17.99	18.09	17.83		0
	50	0	18.00	18.11	17.97		0
16QAM	1	0	18.19	18.36	18.15	0-1	0
	1	25	18.35	18.48	18.04		0
	1	49	18.08	18.34	17.93		0
	25	0	17.99	18.13	18.02	0-2	0
	25	12	18.04	18.20	18.08		0
	25	25	18.01	17.98	17.86		0
	50	0	17.99	18.01	17.78		0
64QAM	1	0	17.99	18.19	17.95	0-2	0
	1	25	18.18	18.40	17.88		0
	1	49	18.12	18.37	17.96		0
	25	0	17.96	18.09	17.89	0-3	0
	25	12	18.10	18.14	17.96		0
	25	25	17.99	18.30	18.01		0
	50	0	18.02	18.02	17.84		0
256QAM	1	0	18.04	18.09	17.93	0-5	0
	1	25	18.00	18.29	17.95		0
	1	49	17.96	17.97	17.88		0
	25	0	17.92	18.13	17.85		0
	25	12	18.01	18.28	17.99		0
	25	25	17.96	18.11	18.03		0
	50	0	17.95	18.10	17.91		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 49 of 336

Table H-50
LTE Band 25 (PCS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	17.75	17.96	17.79	0	0	
	1	12	17.80	17.86	17.82		0	
	1	24	17.93	18.10	17.84		0	
	QPSK	12	0	17.88	17.99	17.80	0-1	0
		12	6	17.98	18.00	17.92		0
		12	13	17.94	17.93	17.81		0
		25	0	17.83	17.92	17.83		0
16QAM	1	0	18.18	18.31	18.10	0-1	0	
	1	12	18.10	18.22	18.02		0	
	1	24	18.10	18.25	17.96		0	
	16QAM	12	0	17.89	18.00	17.83	0-2	0
		12	6	17.88	18.01	17.95		0
		12	13	17.85	17.97	18.01		0
		25	0	17.92	17.90	17.89		0
64QAM	1	0	18.00	18.20	18.00	0-2	0	
	1	12	18.08	18.25	17.83		0	
	1	24	18.10	18.10	17.84		0	
	64QAM	12	0	17.94	18.17	17.93	0-3	0
		12	6	17.88	18.10	17.87		0
		12	13	18.01	17.93	17.91		0
		25	0	17.93	17.97	17.98		0
256QAM	1	0	17.80	17.95	17.97	0-5	0	
	1	12	18.00	18.08	17.95		0	
	1	24	17.99	17.98	17.89		0	
	12	0	17.62	17.95	17.90		0	
	12	6	17.95	18.10	17.98		0	
	12	13	18.05	17.96	17.92		0	
	25	0	17.89	17.95	17.95		0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 50 of 336

Table H-51
LTE Band 25 (PCS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.92	18.07	17.93	0	0
	1	7	17.84	17.85	17.94		0
	1	14	17.94	18.01	17.96		0
	8	0	18.03	17.96	17.87	0-1	0
	8	4	17.90	18.00	17.82		0
	8	7	18.01	17.88	17.84		0
	15	0	17.94	17.90	17.88		0
16QAM	1	0	18.01	18.20	18.10	0-1	0
	1	7	18.10	18.26	18.08		0
	1	14	18.09	18.25	17.98		0
	8	0	18.02	18.00	17.96	0-2	0
	8	4	17.98	18.01	17.95		0
	8	7	17.96	17.96	17.97		0
	15	0	18.00	17.91	17.94		0
64QAM	1	0	18.05	18.18	17.96	0-2	0
	1	7	17.97	18.25	17.93		0
	1	14	18.10	18.08	17.89		0
	8	0	17.88	18.04	17.92	0-3	0
	8	4	17.93	18.07	17.85		0
	8	7	18.02	18.01	17.84		0
	15	0	18.09	18.01	18.00		0
256QAM	1	0	17.87	18.00	17.88	0-5	0
	1	7	18.01	18.11	17.95		0
	1	14	17.95	17.86	17.84		0
	8	0	17.93	17.98	17.79		0
	8	4	17.91	18.05	17.93		0
	8	7	17.90	18.04	17.84		0
	15	0	17.88	18.01	17.86		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 51 of 336

Table H-52
LTE Band 25 (PCS) Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.85	17.86	17.75	0	0
	1	2	17.89	17.93	17.76		0
	1	5	17.80	18.02	17.75		0
	3	0	17.78	17.82	17.77		0
	3	2	17.78	17.88	17.83		0
	3	3	17.79	17.78	17.78		0
16QAM	6	0	17.88	17.98	17.82	0-1	0
	1	0	18.01	18.32	17.82	0-1	0
	1	2	18.20	18.22	18.13		0
	1	5	18.15	18.12	18.02		0
	3	0	17.95	18.01	17.86		0
	3	2	17.95	18.14	17.93		0
3	3	18.05	18.01	17.90	0		
64QAM	6	0	18.09	18.00	17.89	0-2	0
	1	0	18.21	18.09	18.04	0-2	0
	1	2	18.04	18.24	18.15		0
	1	5	18.15	18.21	18.15		0
	3	0	18.01	18.20	18.08		0
	3	2	17.90	17.92	18.00		0
3	3	17.98	18.30	17.80	0		
256QAM	6	0	17.82	18.03	17.88	0-3	0
	1	0	17.87	18.10	17.90	0-5	0
	1	2	18.05	18.06	17.87		0
	1	5	18.24	17.91	17.95		0
	3	0	18.02	18.04	18.05		0
	3	2	17.89	18.23	18.11		0
3	3	17.88	17.93	17.94	0		
	6	0	17.96	17.96	17.90		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 52 of 336

Table H-53
LTE Band 25 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	21.16	21.21	21.25	0	0	
	1	36	21.25	21.18	21.29		0	
	1	74	21.19	21.18	21.31		0	
	QPSK	36	0	21.44	21.25	21.28	0-1	0
		36	18	21.41	21.30	21.25		0
		36	37	21.45	21.31	21.32		0
		75	0	21.49	21.23	21.30		0
16QAM	1	0	21.56	21.50	21.60	0-1	0	
	1	36	21.60	21.57	21.64		0	
	1	74	21.55	21.61	21.63		0	
	16QAM	36	0	21.48	21.21	21.31	0-2	0
		36	18	21.47	21.30	21.42		0
		36	37	21.51	21.34	21.43		0
		75	0	21.44	21.15	21.38		0
64QAM	1	0	21.56	21.44	21.60	0-2	0	
	1	36	21.63	21.38	21.44		0	
	1	74	21.52	21.12	21.25		0	
	64QAM	36	0	20.99	21.05	20.96	0-3	0
		36	18	20.92	20.66	20.72		0
		36	37	21.02	20.71	20.69		0
		75	0	20.94	20.63	20.71		0
256QAM	1	0	19.41	19.30	19.22	0-5	2	
	1	36	19.62	19.36	19.39		2	
	1	74	19.32	19.35	19.22		2	
	36	0	19.55	19.13	19.25		2	
	36	18	19.50	19.27	19.33		2	
	36	37	19.47	19.38	19.42		2	
	75	0	19.44	19.20	19.24		2	


FCC ID: A3L5MF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 53 of 336

Table H-54
LTE Band 25 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.20	21.20	21.30	0	0
	1	25	21.32	21.17	21.07		0
	1	49	21.15	21.13	21.27		0
	25	0	21.47	21.28	21.22	0-1	0
	25	12	21.45	21.35	21.43		0
	25	25	21.34	21.28	21.32		0
	50	0	21.36	21.29	21.26		0
16QAM	1	0	21.56	21.40	21.49	0-1	0
	1	25	21.63	21.60	21.53		0
	1	49	21.64	21.41	21.63		0
	25	0	21.32	21.23	21.18	0-2	0
	25	12	21.56	21.32	21.33		0
	25	25	21.45	21.26	21.34		0
	50	0	21.36	21.25	21.25		0
64QAM	1	0	21.57	21.18	21.22	0-2	0
	1	25	21.63	21.30	21.13		0
	1	49	21.44	21.34	21.12		0
	25	0	21.10	21.22	20.67	0-3	0
	25	12	20.94	20.66	20.70		0
	25	25	21.13	20.69	20.69		0
	50	0	20.89	20.72	20.67		0
256QAM	1	0	19.41	19.20	19.12	0-5	2
	1	25	19.36	19.56	19.20		2
	1	49	19.54	19.45	19.25		2
	25	0	19.38	19.25	19.30		2
	25	12	19.60	19.35	19.36		2
	25	25	19.40	19.28	19.26		2
	50	0	19.39	19.32	19.38		2


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 54 of 336

Table H-55
LTE Band 25 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.42	21.24	21.29	0	0
	1	12	21.48	21.40	21.25		0
	1	24	21.54	21.45	21.36		0
	12	0	21.49	21.37	21.41	0-1	0
	12	6	21.55	21.40	21.43		0
	12	13	21.56	21.49	21.40		0
	25	0	21.56	21.39	21.35		0
16QAM	1	0	21.53	21.56	21.65	0-1	0
	1	12	21.65	21.65	21.65		0
	1	24	21.68	21.63	21.63		0
	12	0	21.72	21.42	21.37	0-2	0
	12	6	21.50	21.41	21.35		0
	12	13	21.67	21.44	21.44		0
	25	0	21.68	21.28	21.39		0
64QAM	1	0	21.50	21.39	21.22	0-2	0
	1	12	21.64	21.20	21.12		0
	1	24	21.63	21.15	21.35		0
	12	0	21.01	21.12	20.67	0-3	0
	12	6	21.08	20.68	20.70		0
	12	13	21.18	20.70	20.66		0
	25	0	20.99	20.96	20.68		0
256QAM	1	0	19.54	19.48	19.38	0-5	2
	1	12	19.43	19.40	19.30		2
	1	24	19.55	19.50	19.20		2
	12	0	19.42	19.37	19.39		2
	12	6	19.58	19.34	19.25		2
	12	13	19.50	19.45	19.31		2
	25	0	19.54	19.36	19.30		2


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 55 of 336

Table H-56
LTE Band 25 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.24	21.43	21.24	0	0
	1	7	21.42	21.49	21.33		0
	1	14	21.36	21.39	21.47		0
	8	0	21.35	21.55	21.52	0-1	0
	8	4	21.27	21.58	21.36		0
	8	7	21.49	21.57	21.50		0
	15	0	21.53	21.55	21.47		0
16QAM	1	0	21.45	21.68	21.39	0-1	0
	1	7	21.37	21.65	21.67		0
	1	14	21.59	21.58	21.63		0
	8	0	21.42	21.49	21.54	0-2	0
	8	4	21.50	21.68	21.54		0
	8	7	21.41	21.66	21.41		0
	15	0	21.53	21.67	21.45		0
64QAM	1	0	21.68	21.57	21.43	0-2	0
	1	7	21.65	21.64	21.58		0
	1	14	21.61	21.60	21.63		0
	8	0	21.25	21.55	21.25	0-3	0
	8	4	20.87	20.86	20.98		0
	8	7	21.24	21.18	20.97		0
	15	0	20.78	20.99	21.04		0
256QAM	1	0	19.49	19.53	19.35	0-5	2
	1	7	19.52	19.65	19.42		2
	1	14	19.43	19.48	19.24		2
	8	0	19.52	19.56	19.28		2
	8	4	19.38	19.59	19.33		2
	8	7	19.37	19.43	19.26		2
	15	0	19.34	19.64	19.43		2



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 56 of 336

Table H-57
LTE Band 25 (AWS) Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.36	21.25	21.15	0	0
	1	2	21.33	21.44	21.22		0
	1	5	21.32	21.34	21.14		0
	3	0	21.40	21.42	21.25		0
	3	2	21.34	21.36	21.26		0
	3	3	21.41	21.35	21.24		0
	6	0	21.35	21.28	21.19	0-1	0
16QAM	1	0	21.47	21.56	21.53	0-1	0
	1	2	21.47	21.63	21.54		0
	1	5	21.53	21.58	21.48		0
	3	0	21.55	21.54	21.30		0
	3	2	21.57	21.55	21.28		0
	3	3	21.58	21.57	21.34		0
	6	0	21.54	21.48	21.31	0-2	0
64QAM	1	0	21.57	21.59	21.25	0-2	0
	1	2	21.44	21.62	21.28		0
	1	5	21.52	21.66	21.29		0
	3	0	21.20	21.01	21.26		0
	3	2	21.28	20.98	21.30		0
	3	3	21.18	20.78	21.23		0
	6	0	21.20	20.80	21.30	0-3	0
256QAM	1	0	19.47	19.42	19.20	0-5	2
	1	2	19.34	19.44	19.25		2
	1	5	19.42	19.32	19.21		2
	3	0	19.38	19.48	19.24		2
	3	2	19.33	19.30	19.25		2
	3	3	19.36	19.34	19.26		2
	6	0	19.47	19.37	19.24		2

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 57 of 336

H.1.9 LTE Band 30

Table H-58
LTE Band 30 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.27	0	0
	1	12	23.32		0
	1	24	23.13		0
	12	0	22.42	0-1	1
	12	6	22.45		1
	12	13	22.39		1
	25	0	22.38		1
16QAM	1	0	22.75	0-1	1
	1	12	22.80		1
	1	24	22.67		1
	12	0	21.58	0-2	2
	12	6	21.56		2
	12	13	21.47		2
	25	0	21.45		2
64QAM	1	0	21.20	0-2	2
	1	12	21.73		2
	1	24	21.55		2
	12	0	20.16	0-3	3
	12	6	20.46		3
	12	13	20.43		3
	25	0	20.30		3
256QAM	1	0	18.52	0-5	5
	1	12	18.51		5
	1	24	18.57		5
	12	0	18.45		5
	12	6	18.50		5
	12	13	18.37		5
	25	0	18.47		5

Note: LTE Band 30 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.


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 58 of 336

Table H-59
LTE Band 30 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	17.46	0	0
	1	12	17.50		0
	1	24	17.35		0
	12	0	17.52	0-1	0
	12	6	17.52		0
	12	13	17.44		0
	25	0	17.53		0
16QAM	1	0	17.90	0-1	0
	1	12	17.80		0
	1	24	17.70		0
	12	0	17.62	0-2	0
	12	6	17.60		0
	12	13	17.59		0
	25	0	17.64		0
64QAM	1	0	17.87	0-2	0
	1	12	17.63		0
	1	24	17.72		0
	12	0	17.65	0-3	0
	12	6	17.61		0
	12	13	17.58		0
	25	0	17.66		0
256QAM	1	0	17.65	0-5	0
	1	12	17.70		0
	1	24	17.61		0
	12	0	17.65		0
	12	6	17.60		0
	12	13	17.58		0
	25	0	17.62		0

Note: LTE Band 30 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.




FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 59 of 336

Table H-60
LTE Band 30 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	21.04	0	0
	1	12	21.15		0
	1	24	20.95		0
	12	0	21.10	0-1	0
	12	6	21.08		0
	12	13	21.00		0
	25	0	21.06		0
16QAM	1	0	21.45	0-1	0
	1	12	21.48		0
	1	24	21.23		0
	12	0	21.23	0-2	0
	12	6	21.18		0
	12	13	21.09		0
	25	0	21.03		0
64QAM	1	0	20.99	0-2	0
	1	12	21.34		0
	1	24	21.15		0
	12	0	19.90	0-3	1
	12	6	20.02		1
	12	13	20.04		1
	25	0	20.05		1
256QAM	1	0	18.18	0-5	3
	1	12	18.02		3
	1	24	18.11		3
	12	0	18.07		3
	12	6	18.13		3
	12	13	18.03		3
	25	0	18.08		3

Note: LTE Band 30 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.

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 60 of 336

H.1.10

LTE Band 7

Table H-61

LTE Band 7 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	23.82	23.97	24.03	0	0
	1	36	23.87	23.84	24.07		0
	1	74	23.84	23.92	24.00		0
	36	0	22.99	22.93	23.13	0-1	1
	36	18	23.06	23.05	23.21		1
	36	37	23.06	22.97	23.16		1
	75	0	23.00	23.06	23.13		1
16QAM	1	0	23.18	23.02	23.31	0-1	1
	1	36	23.20	23.03	23.36		1
	1	74	23.05	23.24	23.24		1
	36	0	22.05	21.98	22.18	0-2	2
	36	18	22.09	22.10	22.21		2
	36	37	22.04	22.00	22.22		2
	75	0	22.00	22.04	22.16		2
64QAM	1	0	22.15	22.21	22.35	0-2	2
	1	36	22.48	22.12	22.02		2
	1	74	21.89	22.18	22.12		2
	36	0	21.02	21.05	21.34	0-3	3
	36	18	21.13	21.06	21.27		3
	36	37	21.08	21.02	21.00		3
	75	0	21.03	20.99	21.15		3
256QAM	1	0	18.87	19.09	19.09	0-5	5
	1	36	19.13	19.15	19.03		5
	1	74	19.10	18.77	19.04		5
	36	0	19.03	18.92	19.03		5
	36	18	19.05	19.07	19.21		5
	36	37	19.08	18.96	19.17		5
	75	0	19.01	19.07	19.05		5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 61 of 336

Table H-62

LTE Band 7 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	23.88	24.05	24.07	0	0	
	1	25	23.87	24.00	24.05		0	
	1	49	23.74	23.95	24.07		0	
	25	0	23.06	23.07	23.12	0-1	1	
	25	12	23.05	23.05	23.11		1	
	25	25	23.02	23.02	23.17		1	
16QAM	50	0	22.97	23.04	23.06	0-1	1	
	1	0	23.40	23.26	23.46		0-1	1
	1	25	23.33	23.37	23.48			1
	1	49	23.31	23.35	23.50	0-2		1
	25	0	22.05	22.09	22.07		2	
	25	12	22.02	22.07	22.12		2	
64QAM	25	25	22.03	22.06	22.18	0-2	2	
	50	0	21.95	22.01	21.99		2	
	1	0	22.27	22.12	22.23		0-2	2
	1	25	22.15	21.98	22.03	2		
	1	49	22.13	22.24	22.12	0-3		2
	25	0	21.11	21.12	21.00		3	
25	12	21.13	21.12	20.92	3			
256QAM	25	25	21.01	21.08	20.90	0-3	3	
	50	0	21.04	21.07	20.88		3	
	1	0	19.07	18.93	18.99		0-5	5
	1	25	19.12	19.14	19.32	5		
	1	49	18.86	19.24	19.11	5		
	25	0	19.15	19.05	19.03	5		
25	12	19.12	19.04	19.22	5			
25	25	18.99	19.10	19.10	5			
	50	0	19.03	19.08	19.05	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 62 of 336

Table H-63

LTE Band 7 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive)
- 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.01	23.98	24.13	0	0
	1	12	24.04	24.09	24.18		0
	1	24	24.01	24.03	24.12		0
	12	0	23.09	23.07	23.22	0-1	1
	12	6	23.11	23.16	23.23		1
	12	13	23.05	23.09	23.17		1
16QAM	25	0	23.01	23.05	23.27	0-1	1
	1	0	23.35	23.34	23.49		1
	1	12	23.31	23.37	23.52		1
	1	24	23.24	23.28	23.45	0-2	1
	12	0	22.12	22.15	22.27		2
	12	6	22.16	22.17	22.20		2
64QAM	12	13	22.09	22.18	22.26	0-2	2
	25	0	22.09	22.12	22.21		2
	1	0	22.30	22.30	21.85		0-2
	1	12	22.30	22.33	21.89	2	
	1	24	22.24	22.27	21.88	2	
	256QAM	12	0	21.15	21.11	20.85	0-3
12		6	21.17	21.23	20.93	3	
12		13	21.11	21.15	21.03	3	
25		0	21.09	21.04	20.83	0-5	3
1		0	19.10	19.14	19.20		5
1		12	19.18	19.18	19.21		5
256QAM	1	24	19.12	19.12	19.12	0-5	5
	12	0	19.11	19.11	19.09		5
	12	6	19.14	19.18	19.14		5
	12	13	19.01	19.15	19.06	5	
	25	0	19.18	19.19	19.08	5	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 63 of 336

Table H-64
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.07	18.06	18.08	0	0
	1	36	18.11	17.98	18.05		0
	1	74	18.04	18.05	18.04		0
	36	0	18.13	18.09	18.12	0-1	0
	36	18	18.19	18.19	18.15		0
	36	37	18.15	18.10	18.13		0
	75	0	18.09	18.14	18.10		0
16QAM	1	0	18.20	18.20	18.20	0-1	0
	1	36	18.25	18.11	18.29		0
	1	74	18.20	18.25	18.16		0
	36	0	18.10	18.15	18.21	0-2	0
	36	18	18.21	18.12	18.25		0
	36	37	18.15	18.17	18.23		0
	75	0	18.10	18.07	18.11		0
64QAM	1	0	18.27	18.33	18.34	0-2	0
	1	36	18.18	18.16	18.35		0
	1	74	18.32	18.20	18.24		0
	36	0	18.19	18.23	18.16	0-3	0
	36	18	18.24	18.24	18.25		0
	36	37	18.17	18.17	18.17		0
	75	0	18.29	18.20	18.22		0
256QAM	1	0	18.12	18.14	18.00	0-5	0
	1	36	18.25	18.17	18.09		0
	1	74	18.19	17.75	18.11		0
	36	0	18.15	18.13	18.14		0
	36	18	18.26	18.17	18.22		0
	36	37	18.22	18.14	18.21		0
	75	0	18.17	18.24	18.14		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 64 of 336

Table H-65
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	17.98	18.03	18.06	0	0
	1	25	17.94	18.06	18.03		0
	1	49	17.93	18.05	17.98		0
	25	0	17.99	18.17	18.01	0-1	0
	25	12	18.02	18.13	17.94		0
	25	25	18.03	18.16	18.02		0
16QAM	50	0	18.06	18.11	17.93	0-1	0
	1	0	18.31	18.29	18.21		0
	1	25	18.19	18.24	18.14		0
	1	49	18.32	18.30	18.20	0-2	0
	25	0	18.03	18.16	18.16		0
	25	12	18.06	18.21	17.99		0
64QAM	25	25	18.07	18.26	18.05	0-2	0
	50	0	18.03	18.08	17.93		0
	1	0	18.21	18.28	18.15		0-2
	1	25	18.13	18.32	18.16	0	
	1	49	18.05	18.31	18.11	0	
	256QAM	25	0	18.07	18.26	18.03	0-3
25		12	18.16	18.24	17.98	0	
25		25	18.11	18.19	18.05	0	
50		0	18.04	18.16	17.93	0-5	0
1		0	17.99	18.03	17.95		0
1		25	18.06	18.32	18.08		0
256QAM	1	49	18.10	18.15	18.02	0-5	0
	25	0	18.02	17.96	17.92		0
	25	12	18.03	18.04	18.03		0
	25	25	17.98	18.03	17.95	0-5	0
	50	0	18.00	18.06	17.93		0
	50	0	18.00	18.06	17.93		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 65 of 336

Table H-66
LTE Band 7 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	17.94	17.92	18.05	0	0
	1	12	17.97	17.98	17.92		0
	1	24	17.92	17.94	17.97		0
	12	0	18.02	18.01	18.02	0-1	0
	12	6	18.03	18.03	18.06		0
	12	13	18.00	17.97	17.94		0
16QAM	25	0	17.98	18.04	18.02	0-1	0
	1	0	18.32	18.27	18.26		0
	1	12	18.27	18.20	18.22		0
	1	24	18.24	18.05	18.26	0-2	0
	12	0	18.03	18.02	18.07		0
	12	6	18.11	18.13	18.19		0
64QAM	12	13	18.17	18.08	18.05	0-2	0
	25	0	18.04	18.01	18.05		0
	1	0	18.15	18.13	18.17		0-3
	1	12	18.09	18.21	18.21	0	
	1	24	18.09	18.25	17.98	0	
	256QAM	12	0	18.04	18.05	18.05	0-5
12		6	18.07	18.06	18.07	0	
12		13	18.08	18.12	18.02	0	
25		0	18.05	18.01	18.04	0-5	0
1		0	18.01	18.01	18.13		0
1		12	18.18	18.13	18.10		0
256QAM	1	24	18.05	18.14	17.97	0-5	0
	12	0	18.08	18.07	18.00		0
	12	6	18.02	18.03	18.02		0
	12	13	18.00	18.02	17.97	0-5	0
	25	0	18.03	18.01	18.02		0
	25	0	18.03	18.01	18.02		0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 66 of 336

Table H-67
LTE Band 7 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15
MHz Bandwidth

LTE Band 7 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	20.95	20.98	21.03	0	0	
	1	36	20.95	20.96	20.93		0	
	1	74	20.96	20.88	20.89		0	
	QPSK	36	0	21.03	21.04	21.05	0-1	0
		36	18	21.06	21.11	21.08		0
		36	37	21.03	20.96	20.97		0
		75	0	21.09	21.08	21.08		0
16QAM	1	0	21.29	21.17	21.22	0-1	0	
	1	36	21.23	21.13	21.18		0	
	1	74	21.06	21.05	21.16		0	
	16QAM	36	0	21.07	20.97	21.04	0-2	0
		36	18	21.08	21.08	21.11		0
		36	37	21.05	21.02	21.05		0
		75	0	20.99	21.00	21.02		0
64QAM	1	0	21.28	21.36	21.22	0-2	0	
	1	36	21.28	21.22	21.25		0	
	1	74	21.25	21.08	21.20		0	
	64QAM	36	0	21.04	21.05	21.05	0-3	0
		36	18	21.09	21.23	21.08		0
		36	37	21.08	21.03	20.88		0
		75	0	21.08	21.06	21.04		0
256QAM	1	0	18.94	18.94	18.97	0-5	2	
	1	36	19.00	19.07	19.13		2	
	1	74	18.99	19.10	19.05		2	
	36	0	19.02	18.92	18.97		2	
	36	18	19.08	19.11	19.11		2	
	36	37	19.10	19.04	18.99		2	
	75	0	18.97	19.05	19.00		2	


FCC ID: A3L5MF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 67 of 336

Table H-68
LTE Band 7 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10
MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	21.01	20.93	20.98	0	0
	1	25	20.98	20.99	20.97		0
	1	49	21.14	21.01	20.90		0
	25	0	21.09	21.12	21.07	0-1	0
	25	12	21.12	21.10	21.05		0
	25	25	21.11	21.08	21.02		0
16QAM	50	0	21.03	20.99	20.97	0-1	0
	1	0	21.42	21.30	21.26		0
	1	25	21.38	21.39	21.33		0
	1	49	21.35	21.30	21.34	0-2	0
	25	0	21.05	21.03	21.02		0
	25	12	21.16	21.11	21.03		0
64QAM	25	25	21.16	21.05	21.13	0-2	0
	50	0	21.02	21.06	20.95		0
	1	0	21.33	21.15	21.15		0-2
	1	25	21.21	21.02	21.20	0	
	1	49	21.30	21.26	21.15	0	
	256QAM	25	0	21.09	21.14	20.93	0-3
25		12	21.18	21.18	20.88	0	
25		25	21.07	21.10	20.90	0	
50		0	21.10	21.04	20.84	0-5	0
1		0	19.05	19.04	18.93		2
1		25	19.25	19.17	19.20		2
256QAM	1	49	19.23	19.02	18.96	0-5	2
	25	0	19.04	19.14	19.00		2
	25	12	19.11	19.13	19.06		2
	25	25	19.13	19.05	19.04	2	
	50	0	19.05	19.02	18.97	2	


FCC ID: A3L5MF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 68 of 336

Table H-69

LTE Band 7 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)			
Conducted Power [dBm]								
QPSK	1	0	21.06	20.95	20.93	0	0	
	1	12	21.06	21.05	20.89		0	
	1	24	21.01	21.03	20.96		0	
	16QAM	12	0	21.15	21.08	20.99	0-1	0
		12	6	21.16	21.13	21.07		0
		12	13	21.09	21.10	20.98		0
		25	0	21.08	21.08	20.99		0
1		0	21.42	21.41	21.36	0-1		0
1	12	21.44	21.43	21.20	0			
1	24	21.41	21.38	21.20	0			
64QAM	12	0	21.12	21.12	21.02	0-2	0	
	12	6	21.25	21.19	21.07		0	
	12	13	21.15	21.11	21.14		0	
	25	0	21.18	21.18	21.01	0-3	0	
	1	0	21.31	21.22	21.22		0-2	0
	1	12	21.27	21.22	21.20			0
	1	24	21.22	21.29	21.30			0
256QAM	12	0	21.10	21.13	20.93	0-3	0	
	12	6	21.19	21.21	20.99		0	
	12	13	21.09	21.09	21.12		0	
	25	0	21.07	21.06	20.94		0	
	256QAM	1	0	18.92	19.13	19.23	0-5	2
		1	12	19.33	19.25	19.10		2
		1	24	19.09	19.06	19.07		2
		12	0	19.13	19.17	19.03		2
12		6	19.15	19.16	19.06	2		
12		13	19.07	19.10	19.00	2		
25		0	19.10	19.18	19.10	2		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 69 of 336

Table H-70

LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	21.56	21.87	21.82	21.74	0	0
	1	36	21.66	21.81	21.80	21.67		0
	1	74	21.54	21.76	21.80	21.75		0
	36	0	21.62	21.88	21.85	21.86	0-1	0
	36	18	21.75	21.98	21.91	21.80		0
	36	37	21.65	21.88	21.85	21.79		0
	75	0	21.72	21.85	21.86	21.79		0
16QAM	1	0	21.74	21.88	21.91	21.84	0-1	0
	1	36	21.71	21.87	21.92	21.87		0
	1	74	21.74	21.90	21.88	21.79		0
	36	0	21.59	21.79	21.72	21.74	0-2	0
	36	18	21.63	21.82	21.82	21.75		0
	36	37	21.63	21.73	21.73	21.69		0
	75	0	21.58	21.85	21.77	21.69		0
64QAM	1	0	21.22	21.32	21.46	21.50	0-2	0
	1	36	21.29	21.42	21.44	21.52		0
	1	74	21.32	21.43	21.42	21.43		0
	36	0	20.60	20.82	20.79	20.77	0-3	1
	36	18	20.66	20.89	20.81	20.81		1
	36	37	20.52	20.83	20.70	20.66		1
	75	0	20.65	20.81	20.79	20.75		1
256QAM	1	0	18.22	18.46	18.53	18.46	0-5	3
	1	36	18.55	18.64	18.58	18.62		3
	1	74	18.38	18.43	18.45	18.38		3
	36	0	18.61	18.80	18.76	18.71		3
	36	18	18.64	18.92	18.76	18.82		3
	36	37	18.56	18.82	18.75	18.72		3
	75	0	18.55	18.73	18.78	18.63		3


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 70 of 336

Table H-71

LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	21.61	21.79	21.76	21.70	0	0
	1	25	21.68	21.83	21.80	21.71		0
	1	49	21.71	21.84	21.81	21.70		0
	25	0	21.58	21.79	21.70	21.62	0-1	0
	25	12	21.67	21.95	21.87	21.85		0
	25	25	21.65	21.87	21.73	21.78		0
	50	0	21.65	21.88	21.76	21.79		0
16QAM	1	0	21.68	22.06	22.03	21.91	0-1	0
	1	25	21.78	21.95	21.90	21.93		0
	1	49	21.84	21.95	21.91	21.96		0
	25	0	21.53	21.73	21.62	21.63	0-2	0
	25	12	21.66	21.90	21.87	21.83		0
	25	25	21.65	21.84	21.76	21.69		0
	50	0	21.65	21.81	21.70	21.71		0
64QAM	1	0	21.30	21.36	21.45	21.50	0-2	0
	1	25	21.16	21.30	21.40	21.54		0
	1	49	21.32	21.60	21.46	21.45		0
	25	0	20.49	20.66	20.59	20.57	0-3	1
	25	12	20.65	20.79	20.79	20.80		1
	25	25	20.64	20.80	20.71	20.65		1
	50	0	20.63	20.78	20.79	20.67		1
256QAM	1	0	18.08	18.31	18.25	18.21	0-5	3
	1	25	18.42	18.75	18.54	18.56		3
	1	49	18.28	18.49	18.40	18.30		3
	25	0	18.51	18.70	18.71	18.71		3
	25	12	18.62	18.93	18.80	18.85		3
	25	25	18.61	18.84	18.80	18.75		3
	50	0	18.65	18.84	18.76	18.75		3


FCC ID: A3L5MF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 71 of 336

Table H-72

LTE Band 48 Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	21.37	21.64	21.58	21.70	0	0
	1	12	21.49	21.76	21.80	21.68		0
	1	24	21.52	21.75	21.68	21.67		0
	12	0	21.60	21.80	21.77	21.76	0-1	0
	12	6	21.68	21.85	21.87	21.80		0
	12	13	21.68	21.88	21.83	21.79		0
	25	0	21.63	21.83	21.79	21.74		0
16QAM	1	0	21.55	21.77	21.76	21.72	0-1	0
	1	12	21.68	21.86	21.83	21.75		0
	1	24	21.67	21.86	21.83	21.75		0
	12	0	21.43	21.63	21.62	21.58	0-2	0
	12	6	21.53	21.75	21.73	21.68		0
	12	13	21.52	21.72	21.70	21.67		0
	25	0	21.59	21.79	21.79	21.74		0
64QAM	1	0	21.20	21.34	21.36	21.50	0-2	0
	1	12	21.26	21.45	21.49	21.55		0
	1	24	21.25	21.48	21.47	21.50		0
	12	0	20.49	20.70	20.68	20.75	0-3	1
	12	6	20.57	20.78	20.73	20.84		1
	12	13	20.54	20.77	20.75	20.79		1
	25	0	20.55	20.77	20.75	20.70		1
256QAM	1	0	18.23	18.48	18.48	18.45	0-5	3
	1	12	18.37	18.57	18.56	18.52		3
	1	24	18.30	18.58	18.49	18.49		3
	12	0	18.56	18.78	18.76	18.73		3
	12	6	18.65	18.86	18.84	18.82		3
	12	13	18.66	18.88	18.84	18.82		3
	25	0	18.56	18.73	18.77	18.73		3


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 72 of 336

Table H-73

LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	17.12	17.16	17.31	17.22	0	0
	1	36	17.06	17.16	17.25	17.17		0
	1	74	17.11	17.23	17.22	17.15		0
	36	0	17.16	17.32	17.30	17.18	0-1	0
	36	18	17.21	17.30	17.40	17.25		0
	36	37	17.18	17.30	17.38	17.25		0
	75	0	17.13	17.20	17.35	17.25		0
16QAM	1	0	17.13	17.22	17.39	17.32	0-1	0
	1	36	17.12	17.27	17.37	17.26		0
	1	74	17.20	17.28	17.35	17.32		0
	36	0	17.09	17.24	17.23	17.25	0-2	0
	36	18	17.18	17.34	17.34	17.30		0
	36	37	17.12	17.27	17.31	17.18		0
	75	0	17.14	17.33	17.31	17.25		0
64QAM	1	0	16.85	16.79	17.11	16.94	0-2	0
	1	36	16.91	16.91	17.00	17.02		0
	1	74	16.90	16.97	17.03	16.96		0
	36	0	17.13	17.31	17.38	17.25	0-3	0
	36	18	17.15	17.31	17.41	17.30		0
	36	37	17.15	17.30	17.36	17.18		0
	75	0	17.17	17.32	17.43	17.32		0
256QAM	1	0	16.83	16.96	17.09	16.99	0-5	0
	1	36	17.00	17.17	17.24	17.18		0
	1	74	16.95	17.03	17.02	16.96		0
	36	0	17.17	17.36	17.38	17.23		0
	36	18	17.28	17.32	17.42	17.32		0
	36	37	17.25	17.42	17.40	17.20		0
	75	0	17.06	17.29	17.40	17.29		0

FCC ID: A3LSMF711U



SAR EVALUATION REPORT

Reviewed by:
Quality Manager

Test Dates:
04/08/21 - 06/03/21

DUT Type:
Portable Handset

APPENDIX H:
Page 73 of 336

Table H-74

LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	17.12	17.22	17.35	17.30	0	0
	1	25	17.13	17.30	17.31	17.24		0
	1	49	17.07	17.35	17.37	17.27		0
	25	0	16.95	17.17	17.22	17.20	0-1	0
	25	12	17.11	17.32	17.36	17.27		0
	25	25	17.09	17.26	17.30	17.25		0
	50	0	17.09	17.28	17.23	17.26		0
16QAM	1	0	17.21	17.37	17.47	17.39	0-1	0
	1	25	17.17	17.36	17.39	17.35		0
	1	49	17.24	17.39	17.42	17.35		0
	25	0	16.94	17.22	17.27	17.15	0-2	0
	25	12	17.11	17.34	17.47	17.32		0
	25	25	17.15	17.35	17.37	17.18		0
	50	0	17.09	17.31	17.36	17.29		0
64QAM	1	0	16.81	16.87	17.07	16.96	0-2	0
	1	25	16.75	16.95	16.96	17.00		0
	1	49	16.87	17.01	17.00	16.97		0
	25	0	16.95	17.12	17.21	17.16	0-3	0
	25	12	17.14	17.32	17.37	17.54		0
	25	25	17.02	17.29	17.23	17.28		0
	50	0	17.19	17.35	17.33	17.28		0
256QAM	1	0	16.61	16.80	16.80	16.78	0-5	0
	1	25	16.94	17.10	17.28	17.06		0
	1	49	16.79	16.95	17.05	16.93		0
	25	0	17.07	17.30	17.34	17.23		0
	25	12	17.18	17.42	17.40	17.40		0
	25	25	17.21	17.31	17.37	17.25		0
	50	0	17.12	17.37	17.33	17.33		0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 74 of 336

Table H-75

LTE Band 48 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	16.95	17.14	17.17	17.12	0	0
	1	12	17.07	17.22	17.29	17.30		0
	1	24	17.06	17.24	17.23	17.21		0
	12	0	17.08	17.20	17.33	17.33	0-1	0
	12	6	17.09	17.32	17.35	17.34		0
	12	13	17.12	17.33	17.36	17.40		0
	25	0	17.08	17.30	17.37	17.33		0
16QAM	1	0	17.01	17.20	17.28	17.28	0-1	0
	1	12	17.18	17.39	17.38	17.31		0
	1	24	17.11	17.32	17.31	17.36		0
	12	0	16.96	17.19	17.26	17.24	0-2	0
	12	6	17.11	17.23	17.27	17.27		0
	12	13	17.03	17.25	17.34	17.30		0
	25	0	17.18	17.42	17.35	17.35		0
64QAM	1	0	16.64	16.80	16.97	16.87	0-2	0
	1	12	16.85	16.97	17.12	17.00		0
	1	24	16.75	16.98	17.03	17.02		0
	12	0	17.05	17.23	17.30	17.29	0-3	0
	12	6	17.11	17.26	17.33	17.33		0
	12	13	17.13	17.33	17.34	17.35		0
	25	0	17.11	17.27	17.33	17.35		0
256QAM	1	0	16.87	17.08	17.10	17.15	0-5	0
	1	12	17.03	17.21	17.27	17.27		0
	1	24	16.94	17.12	17.22	17.16		0
	12	0	17.16	17.34	17.40	17.32		0
	12	6	17.25	17.45	17.49	17.46		0
	12	13	17.27	17.45	17.46	17.38		0
	25	0	17.15	17.33	17.57	17.39		0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset	APPENDIX H: Page 75 of 336	

H.1.12 LTE Band 41

Table H-76

LTE Band 41 PC3 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	24.45	24.17	24.34	24.28	24.30	0	0	
	1	36	24.39	24.33	24.47	24.35	24.40		0	
	1	74	24.41	24.08	24.26	24.10	24.35		0	
	16QAM	36	0	23.39	23.35	23.46	23.38	23.32	0-1	1
		36	18	23.53	23.47	23.48	23.40	23.42		1
		36	37	23.43	23.38	23.52	23.39	23.48		1
		75	0	23.44	23.40	23.44	23.32	23.24		1
1		0	23.50	23.32	23.36	23.38	23.44	1		
64QAM	1	36	23.42	23.40	23.44	23.41	23.41	0-1	1	
	1	74	23.33	23.30	23.21	23.16	23.26		1	
	36	0	22.33	22.28	22.40	22.34	22.41		2	
	256QAM	36	18	22.47	22.41	22.49	22.34	22.40	0-2	2
		36	37	22.44	22.35	22.45	22.33	22.43		2
		75	0	22.50	22.38	22.45	22.32	22.90		2
		1	0	22.15	21.98	22.02	22.05	22.10		0-2
1		36	22.18	22.11	22.31	22.29	22.30	2		
1	74	22.12	21.95	22.00	21.88	22.20	2			
256QAM	36	0	21.40	21.39	21.48	21.43	21.39	0-3	3	
	36	18	21.52	21.48	21.52	21.41	21.44		3	
	36	37	21.49	21.37	21.55	21.38	21.48		3	
	256QAM	75	0	21.48	21.45	21.48	21.39	21.42	0-5	3
		1	0	19.15	19.28	19.28	19.20	19.18		5
		1	36	19.33	19.05	19.43	19.33	19.33		5
		1	74	19.25	19.39	19.20	19.18	19.30		5
36		0	19.42	19.37	19.52	19.14	19.37	5		
36		18	19.54	19.49	19.53	19.41	19.45	5		
36		37	19.56	19.41	19.51	19.45	19.53	5		
75	0	19.51	19.45	19.52	19.40	19.40	5			


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 76 of 336

Table H-77

LTE Band 41 PC3 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	24.46	24.43	24.29	24.25	24.20	0	0
	1	25	24.48	24.40	24.48	24.46	24.18		0
	1	49	24.48	24.44	24.20	24.20	24.17		0
	25	0	23.51	23.48	23.52	23.40	23.45	0-1	1
	25	12	23.61	23.66	23.58	23.48	23.48		1
	25	25	23.56	23.55	23.40	23.45	23.44		1
50	0	23.52	23.50	23.48	23.39	23.40	1		
16QAM	1	0	23.60	23.62	23.45	23.36	23.33	0-1	1
	1	25	23.56	23.52	23.51	23.40	23.50		1
	1	49	23.57	23.56	23.39	23.39	23.30		1
	25	0	22.52	22.51	22.50	22.31	22.42	0-2	2
	25	12	22.60	22.62	22.58	22.46	22.49		2
	25	25	22.51	22.55	22.54	22.42	22.43		2
50	0	22.55	22.59	22.52	22.35	22.43	2		
64QAM	1	0	22.17	22.16	22.01	22.12	21.98	0-2	2
	1	25	22.18	22.13	22.34	22.30	22.22		2
	1	49	22.18	22.19	21.98	22.09	22.13		2
	25	0	21.55	21.50	21.51	21.40	21.40	0-3	3
	25	12	21.60	21.60	21.60	21.49	21.49		3
	25	25	21.54	21.56	21.53	21.34	21.43		3
50	0	21.57	21.57	21.58	21.48	21.47	3		
256QAM	1	0	19.15	19.24	19.28	19.12	19.17	0-5	5
	1	25	19.41	19.44	19.46	19.32	19.38		5
	1	49	19.15	19.15	19.28	19.15	19.18		5
	25	0	19.54	19.53	19.57	19.45	19.50		5
	25	12	19.50	19.60	19.62	19.52	19.53		5
	25	25	19.56	19.55	19.58	19.51	19.48		5
50	0	19.60	19.61	19.57	19.46	19.47	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 77 of 336

Table H-78

LTE Band 41 PC3 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 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	24.49	24.41	24.30	24.33	24.33	0	0
	1	12	24.52	24.43	24.53	24.39	24.41		0
	1	24	24.45	24.41	24.49	24.38	24.40		0
	12	0	23.58	23.53	23.59	23.48	23.49	0-1	1
	12	6	23.61	23.55	23.56	23.52	23.50		1
	12	13	23.60	23.56	23.62	23.51	23.54		1
25	0	23.55	23.55	23.58	23.44	23.48	1		
16QAM	1	0	23.59	23.52	23.62	23.53	23.53	0-1	1
	1	12	23.57	23.57	23.62	23.49	23.54		1
	1	24	23.56	23.53	23.63	23.45	23.52		1
	12	0	22.53	22.50	22.51	22.44	22.41	0-2	2
	12	6	22.52	22.54	22.57	22.45	22.43		2
	12	13	22.54	22.45	22.55	22.45	22.47		2
25	0	22.60	22.59	22.51	22.41	22.45	2		
64QAM	1	0	22.25	22.15	22.23	22.12	22.20	0-2	2
	1	12	22.30	22.22	22.30	22.27	22.29		2
	1	24	22.25	22.21	22.22	22.18	22.18		2
	12	0	21.55	21.55	21.56	21.45	21.46	0-3	3
	12	6	21.52	21.53	21.59	21.50	21.52		3
	12	13	21.60	21.49	21.60	21.46	21.50		3
25	0	21.55	21.59	21.61	21.47	21.53	3		
256QAM	1	0	19.44	19.40	19.50	19.31	19.35	0-5	5
	1	12	19.50	19.43	19.48	19.43	19.37		5
	1	24	19.42	19.35	19.40	19.35	19.28		5
	12	0	19.72	19.73	19.68	19.59	19.59		5
	12	6	19.71	19.75	19.73	19.62	19.58		5
	12	13	19.69	19.71	19.74	19.61	19.64		5
25	0	19.64	19.62	19.66	19.51	19.56	5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 78 of 336

Table H-79
LTE Band 41 PC3 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	20.07	20.00	20.03	20.00	19.90	0	0	
	1	36	20.06	20.04	20.18	20.05	20.10		0	
	1	74	20.07	19.88	20.00	19.80	19.95		0	
	QPSK	36	0	20.05	20.10	20.19	20.21	20.00	0-1	0
		36	18	20.20	20.11	20.24	20.12	20.03		0
		36	37	20.17	20.07	20.22	20.08	20.12		0
		75	0	20.14	20.03	20.16	20.10	20.00		0
75		0	20.14	20.03	20.16	20.10	20.00	0		
16QAM	1	0	20.15	20.09	20.01	20.08	19.98	0-1	0	
	1	36	20.03	20.11	20.22	20.12	20.00		0	
	1	74	20.07	19.97	20.06	19.90	19.99		0	
	16QAM	36	0	20.00	20.05	20.13	20.00	19.94	0-2	0
		36	18	20.20	20.08	20.19	20.09	19.96		0
		36	37	20.15	20.05	20.22	20.04	20.03		0
		75	0	20.17	20.08	20.17	20.15	20.00		0
75		0	20.17	20.08	20.17	20.15	20.00	0		
64QAM	1	0	19.89	19.94	19.80	19.97	19.78	0-2	0	
	1	36	19.90	19.95	19.93	19.88	19.90		0	
	1	74	19.92	19.80	19.75	19.77	19.90		0	
	64QAM	36	0	20.10	20.09	20.19	20.17	20.10	0-3	0
		36	18	20.18	20.10	20.25	20.15	20.02		0
		36	37	20.16	20.12	20.26	20.12	20.11		0
		75	0	20.19	20.13	20.22	20.20	20.05		0
75		0	20.19	20.13	20.22	20.20	20.05	0		
256QAM	1	0	19.47	19.40	19.37	19.33	19.15	0-5	0	
	1	36	19.42	19.45	19.55	19.44	19.35		0	
	1	74	19.30	19.18	19.38	19.42	19.32		0	
	36	0	19.47	19.55	19.62	19.60	19.36		0	
	36	18	19.65	19.50	19.69	19.51	19.48		0	
	36	37	19.57	19.51	19.71	19.52	19.53		0	
	75	0	19.54	19.43	19.60	19.57	19.44		0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 79 of 336

Table H-80
LTE Band 41 PC3 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	20.00	19.98	20.05	20.00	19.90	0	0
	1	25	20.23	20.06	20.22	20.03	20.04		0
	1	49	19.98	19.97	20.00	19.89	19.96		0
	25	0	20.21	20.12	20.21	20.09	19.96	0-1	0
	25	12	20.27	20.27	20.22	20.15	20.04		0
	25	25	20.21	20.10	20.24	20.04	20.03		0
16QAM	50	0	20.20	20.11	20.20	20.10	20.01	0-1	0
	1	0	20.06	20.01	20.11	20.02	19.98		0
	1	25	20.33	20.18	20.30	20.15	20.06		0
	1	49	20.07	20.00	20.07	19.99	19.90	0-2	0
	25	0	20.22	20.11	20.15	20.10	20.01		0
	25	12	20.26	20.28	20.21	20.15	20.09		0
64QAM	25	25	20.25	20.16	20.24	20.13	20.11	0-2	0
	50	0	20.19	20.23	20.24	20.12	20.05		0
	1	0	19.80	19.82	19.70	19.78	19.66		0-2
	1	25	19.90	19.88	20.00	19.89	19.75	0	
	1	49	19.68	19.77	19.80	19.60	19.70	0	
	256QAM	25	0	20.19	20.13	20.16	20.11	19.99	0-3
25		12	20.31	20.26	20.26	20.16	20.09	0	
25		25	20.27	20.10	20.22	20.13	20.04	0	
50		0	20.19	20.28	20.27	20.15	20.03	0-5	0
1		0	19.37	19.40	19.33	19.25	19.18		0
1		25	19.53	19.40	19.42	19.41	19.39		0
256QAM	1	49	19.45	19.35	19.33	19.20	19.28	0-5	0
	25	0	19.70	19.60	19.68	19.54	19.48		0
	25	12	19.74	19.71	19.69	19.60	19.55		0
	25	25	19.70	19.61	19.70	19.59	19.53	0	
	50	0	19.69	19.72	19.68	19.58	19.50	0-5	0
									0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 80 of 336

Table H-81
LTE Band 41 PC3 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	20.12	20.10	20.19	20.01	20.01	0	0		
	1	12	20.16	20.15	20.24	20.03	20.03		0		
	1	24	20.17	20.13	20.15	19.97	19.98		0		
	QPSK	12	0	20.27	20.22	20.24	20.09	20.08	0-1	0	
		12	6	20.28	20.22	20.33	20.15	20.12		0	
		12	13	20.21	20.17	20.31	20.12	20.13		0	
25		0	20.19	20.22	20.25	20.10	20.13	0			
16QAM	1	0	20.21	20.20	20.29	20.12	20.10	0-1	0		
	1	12	20.15	20.22	20.37	20.17	20.21		0		
	1	24	20.24	20.16	20.26	20.16	20.12		0		
	16QAM	12	0	20.18	20.16	20.20	20.01	19.90	0-2	0	
		12	6	20.22	20.20	20.18	20.04	20.06		0	
		12	13	20.15	20.16	20.18	20.06	20.08		0	
64QAM	25	0	20.27	20.28	20.25	20.11	20.15	0-2	0		
	1	0	19.90	19.96	19.99	19.89	19.88		0		
	1	12	19.97	19.99	20.05	19.97	19.86		0		
	1	24	19.91	19.93	20.03	19.87	19.90		0		
	64QAM	12	0	20.19	20.23	20.27	20.10		20.09	0-3	0
		12	6	20.23	20.24	20.26	20.08		20.08		0
256QAM	12	13	20.21	20.21	20.27	20.09	20.08	0-5	0		
	25	0	20.23	20.26	20.04	20.07	20.11		0		
	1	0	19.41	19.40	19.55	19.38	19.32		0		
	1	12	19.48	19.46	19.52	19.38	19.38		0		
	1	24	19.50	19.39	19.46	19.34	19.33		0		
	12	0	19.72	19.73	19.74	19.58	19.56		0		
256QAM	12	6	19.74	19.74	19.71	19.60	19.61	0			
	12	13	19.58	19.75	19.81	19.66	19.65	0			
	25	0	19.74	19.69	19.72	19.45	19.52	0			


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 81 of 336

Table H-82

LTE Band 41 PC3 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	23.05	23.15	23.06	23.10	23.20	0	0	
	1	36	23.02	23.22	23.18	23.18	23.19		0	
	1	74	23.00	23.00	23.09	23.00	23.13		0	
	QPSK	36	0	23.08	23.25	23.23	23.24	23.09	0-1	0
		36	18	23.15	23.25	23.22	23.29	23.20		0
		36	37	23.10	23.24	23.29	23.24	23.29		0
		75	0	23.09	23.19	23.21	23.22	23.15		0
16QAM	1	0	23.17	23.24	23.08	23.22	23.07	0-1	0	
	1	36	23.23	23.26	23.30	23.28	23.21		0	
	1	74	23.08	23.03	23.10	23.06	23.15		0	
	16QAM	36	0	22.55	22.60	22.55	22.66	22.57	0-2	0.5
		36	18	22.69	22.65	22.61	22.73	22.62		0.5
		36	37	22.61	22.67	22.73	22.70	22.65		0.5
		75	0	22.68	22.58	22.60	22.65	22.60		0.5
64QAM	1	0	22.36	22.30	22.27	22.33	22.35	0-2	0.5	
	1	36	22.40	22.30	22.40	22.48	22.45		0.5	
	1	74	22.34	22.09	22.32	22.36	22.39		0.5	
	64QAM	36	0	21.60	21.69	21.33	21.70	21.63	0-3	1.5
		36	18	21.65	21.70	21.70	21.76	21.66		1.5
		36	37	21.60	21.62	21.76	21.68	21.70		1.5
		75	0	21.53	21.64	21.68	21.65	21.62		1.5
256QAM	1	0	19.50	19.58	19.50	19.70	19.50	0-5	3.5	
	1	36	19.58	19.74	19.65	19.78	19.73		3.5	
	1	74	19.38	19.48	19.41	19.45	19.63		3.5	
	36	0	19.43	19.69	19.60	19.72	19.58		3.5	
	36	18	19.72	19.73	19.76	19.71	19.68		3.5	
	36	37	19.64	19.70	19.71	19.70	19.76		3.5	
	75	0	19.63	19.65	19.64	19.66	19.60		3.5	

FCC ID: A3LSMF711U



SAR EVALUATION REPORT

Reviewed by:
Quality Manager

Test Dates:
04/08/21 - 06/03/21

DUT Type:
Portable Handset

APPENDIX H:
Page 82 of 336

Table H-83

LTE Band 41 PC3 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	23.06	22.98	23.00	23.02	23.06	0	0
	1	25	23.00	23.05	23.16	23.16	23.16		0
	1	49	23.03	23.00	22.99	23.02	22.99		0
	25	0	23.08	23.15	23.22	23.20	23.18	0-1	0
	25	12	23.11	23.06	23.26	23.26	23.22		0
	25	25	23.06	23.03	23.23	23.22	23.23		0
50	0	23.09	23.07	23.19	23.24	23.17	0		
16QAM	1	0	23.15	22.99	23.10	23.17	23.15	0-1	0
	1	25	23.22	23.10	23.32	23.36	23.31		0
	1	49	23.20	22.94	23.10	23.10	23.14		0
	25	0	22.61	22.55	22.65	22.67	22.60	0-2	0.5
	25	12	22.67	22.60	22.71	22.70	22.68		0.5
	25	25	22.64	22.58	22.67	22.73	22.65		0.5
50	0	22.60	22.52	22.65	22.61	22.66	0.5		
64QAM	1	0	22.30	22.31	22.20	22.39	22.36	0-2	0.5
	1	25	22.29	22.38	22.28	22.51	22.45		0.5
	1	49	22.25	22.11	22.22	22.30	22.34		0.5
	25	0	21.59	21.50	21.63	21.70	21.62	0-3	1.5
	25	12	21.51	21.60	21.71	21.72	21.68		1.5
	25	25	21.62	21.57	21.66	21.68	21.63		1.5
50	0	21.56	21.60	21.65	21.72	21.65	1.5		
256QAM	1	0	19.40	19.40	19.40	19.70	19.42	0-5	3.5
	1	25	19.50	19.62	19.60	19.78	19.66		3.5
	1	49	19.30	19.39	19.45	19.60	19.30		3.5
	25	0	19.52	19.53	19.70	19.72	19.75		3.5
	25	12	19.62	19.60	19.75	19.75	19.71		3.5
	25	25	19.56	19.54	19.70	19.72	19.67		3.5
50	0	19.54	19.59	19.71	19.76	19.64	3.5		


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 83 of 336

Table H-84

**LTE Band 41 PC3 Measured P_{Limit} DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	23.23	23.10	23.20	23.20	23.27	0	0
	1	12	23.20	23.15	23.31	23.31	23.30		0
	1	24	23.24	23.14	23.30	23.25	23.28		0
	12	0	23.36	23.14	23.39	23.40	23.38	0-1	0
	12	6	23.33	23.20	23.43	23.37	23.37		0
	12	13	23.27	23.25	23.40	23.38	23.39		0
25	0	23.25	23.25	22.84	23.31	23.32	0	0	
16QAM	1	0	23.16	23.12	23.39	23.38	23.20	0-1	0
	1	12	23.21	23.18	23.41	23.42	23.34		0
	1	24	23.21	23.15	23.38	23.35	23.35		0
	12	0	22.52	22.55	22.74	22.68	22.67	0-2	0.5
	12	6	22.63	22.50	22.71	22.67	22.70		0.5
	12	13	22.60	22.52	22.77	22.71	22.68		0.5
25	0	22.65	22.62	22.79	22.79	22.71	0.5	0.5	
64QAM	1	0	22.30	22.25	22.52	22.56	22.42	0-2	0.5
	1	12	22.29	22.32	22.56	22.53	22.58		0.5
	1	24	22.30	22.34	22.50	22.54	22.46		0.5
	12	0	21.55	21.54	21.71	21.72	21.71	0-3	1.5
	12	6	21.55	21.54	21.75	21.77	21.68		1.5
	12	13	21.55	21.57	21.77	21.68	21.72		1.5
25	0	21.56	21.59	21.73	21.74	21.69	1.5	1.5	
256QAM	1	0	19.45	19.49	19.63	19.62	19.63	0-5	3.5
	1	12	19.50	19.58	19.71	19.72	19.65		3.5
	1	24	19.44	19.57	19.65	19.66	19.62		3.5
	12	0	19.70	19.68	19.74	19.76	19.72		3.5
	12	6	19.67	19.68	19.78	19.80	19.76		3.5
	12	13	19.69	19.67	19.88	19.81	19.80		3.5
25	0	19.60	19.64	19.87	19.78	19.78	3.5	3.5	

FCC ID: A3LSMF711U



SAR EVALUATION REPORT

Reviewed by:
Quality Manager

Test Dates:
04/08/21 - 06/03/21

DUT Type:
Portable Handset

APPENDIX H:
Page 84 of 336

H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n71

Table H-85

NR Band n71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.44	0	0.0
	1	40	24.28		0.0
	1	77	24.12		0.0
	36	0	23.99	0-0.5	0.5
	36	22	24.27	0	0.0
	36	43	23.68	0-0.5	0.5
	75	0	23.84		0.5
DFT-s-OFDM QPSK	1	1	24.68	0	0.0
	1	40	24.51		0.0
	1	77	24.36		0.0
	36	0	23.52	0-1	1.0
	36	22	24.31	0	0.0
	36	43	23.22	0-1	1.0
	75	0	23.37		1.0
DFT-s-OFDM 16QAM	1	1	23.82	0-1	1.0
CP-OFDM QPSK	1	1	22.91	0-1.5	1.5

Note: NR Band n71 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 85 of 336

Table H-86

NR Band n71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.00	24.43	24.22	0	0.0
	1	26	24.38	24.21	24.26		0.0
	1	50	24.32	24.16	23.73		0.0
	25	0	23.82	23.86	23.74	0-0.5	0.5
	25	14	24.35	24.29	24.20	0	0.0
	25	27	23.88	23.77	23.43	0-0.5	0.5
	50	0	23.93	23.86	23.76		0.5
DFT-s-OFDM QPSK	1	1	24.07	24.50	24.30	0	0.0
	1	26	24.62	24.52	24.39		0.0
	1	50	24.53	24.39	23.72		0.0
	25	0	23.40	23.35	23.22	0-1	1.0
	25	14	24.42	24.35	24.20	0	0.0
	25	27	23.43	23.33	23.11	0-1	1.0
	50	0	23.48	23.41	23.22		1.0
DFT-s-OFDM 16QAM	1	1	23.42	23.61	23.51	0-1	1.0
CP-OFDM QPSK	1	1	22.50	22.83	22.67	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 86 of 336

Table H-87

NR Band n71 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.81	24.55	24.02	0	0.0
	1	13	24.30	24.30	23.78		0.0
	1	23	24.51	24.21	23.95		0.0
	12	0	23.63	24.01	23.78	0-0.5	0.5
	12	7	24.37	24.38	23.92	0	0.0
	12	13	23.82	23.77	23.49	0-0.5	0.5
	25	0	23.82	23.82	23.50		0.5
DFT-s-OFDM QPSK	1	1	23.84	24.64	24.24	0	0.0
	1	13	24.40	24.51	24.01		0.0
	1	23	24.52	24.38	24.02		0.0
	12	0	23.02	23.41	23.14	0-1	1.0
	12	7	24.38	24.34	24.20	0	0.0
	12	13	23.32	23.31	23.12	0-1	1.0
	25	0	23.41	23.41	23.22		1.0
DFT-s-OFDM 16QAM	1	1	23.15	23.77	23.33	0-1	1.0
CP-OFDM QPSK	1	1	22.10	22.80	22.79	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 87 of 336

Table H-88
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.95	0	0.0
	1	40	22.82		0.0
	1	77	22.59		0.0
	36	0	22.85	0-0.5	0.0
	36	22	22.67	0	0.0
	36	43	22.58	0-0.5	0.0
	75	0	22.72		0.0
DFT-s-OFDM QPSK	1	1	22.96	0	0.0
	1	40	22.70		0.0
	1	77	22.72		0.0
	36	0	22.87	0-1	0.0
	36	22	22.68	0	0.0
	36	43	22.56	0-1	0.0
	75	0	22.77		0.0
DFT-s-OFDM 16QAM	1	1	22.95	0-1	0.0
CP-OFDM QPSK	1	1	22.89	0-1.5	0.0

Note: NR Band n71 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 88 of 336

Table H-89
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.85	22.88	22.60	0	0.0
	1	26	22.72	22.68	22.65		0.0
	1	50	22.85	22.32	22.50		0.0
	25	0	22.61	22.66	22.68	0-0.5	0.0
	25	14	22.73	22.67	22.67	0	0.0
	25	27	22.71	22.56	22.58	0-0.5	0.0
	50	0	22.78	22.84	22.66		0.0
DFT-s-OFDM QPSK	1	1	22.78	22.72	22.65	0	0.0
	1	26	22.85	22.75	22.75		0.0
	1	50	22.95	22.63	22.51		0.0
	25	0	22.70	22.74	22.62	0-1	0.0
	25	14	22.80	22.72	22.63	0	0.0
	25	27	22.71	22.70	22.59	0-1	0.0
	50	0	22.75	22.79	22.73		0.0
DFT-s-OFDM 16QAM	1	1	22.63	22.67	22.71	0-1	0.0
CP-OFDM QPSK	1	1	22.03	22.85	22.57	0-1.5	0.0




FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 89 of 336

Table H-90
NR Band n71 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.70	22.85	22.62	0	0.0
	1	13	22.65	22.86	22.52		0.0
	1	23	22.67	22.68	22.48		0.0
	12	0	22.70	22.72	22.52	0-0.5	0.0
	12	7	22.60	22.75	22.60	0	0.0
	12	13	22.69	22.62	22.53	0-0.5	0.0
	25	0	22.62	22.69	22.52		0.0
DFT-s-OFDM QPSK	1	1	22.70	22.92	22.74	0	0.0
	1	13	22.59	22.62	22.62		0.0
	1	23	22.69	22.56	22.18		0.0
	12	0	22.58	22.81	22.12	0-1	0.0
	12	7	22.68	22.93	22.65	0	0.0
	12	13	22.70	22.68	22.13	0-1	0.0
	25	0	22.69	22.80	22.23		0.0
DFT-s-OFDM 16QAM	1	1	22.14	23.10	22.35	0-1	0.0
CP-OFDM QPSK	1	1	22.00	22.73	22.09	0-1.5	0.0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 90 of 336

H.2.2 NR Band n12

Table H-91

NR Band n12 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.26	0	0.0
	1	26	24.22		0.0
	1	50	24.14		0.0
	25	0	23.71	0-0.5	0.5
	25	14	24.29	0	0.0
	25	27	23.77	0-0.5	0.5
	50	0	23.81		0.5
DFT-s-OFDM QPSK	1	1	24.43	0	0.0
	1	26	24.41		0.0
	1	50	24.29		0.0
	25	0	23.30	0-1	1.0
	25	14	24.32	0	0.0
	25	27	23.22	0-1	1.0
	50	0	23.34		1.0
DFT-s-OFDM 16QAM	1	1	23.58	0-1	1.0
CP-OFDM QPSK	1	1	22.73	0-1.5	1.5

Note: NR Band n12 at 10 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 91 of 336

Table H-92

NR Band n12 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth


NR Band n12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.22	24.27	24.36	0	0.0
	1	13	24.19	24.31	24.16		0.0
	1	23	24.15	24.13	24.10		0.0
	12	0	23.77	23.88	23.79	0-0.5	0.5
	12	7	24.25	24.23	24.22	0	0.0
	12	13	23.71	23.72	23.61	0-0.5	0.5
	25	0	23.68	23.77	23.67		0.5
DFT-s-OFDM QPSK	1	1	24.41	24.42	24.47	0	0.0
	1	13	24.27	24.40	24.52		0.0
	1	23	24.33	24.30	24.29		0.0
	12	0	23.27	23.35	23.26	0-1	1.0
	12	7	24.28	24.28	24.25	0	0.0
	12	13	23.30	23.25	23.17	0-1	1.0
	25	0	23.18	23.33	23.20		1.0
DFT-s-OFDM 16QAM	1	1	23.63	23.58	23.51	0-1	1.0
CP-OFDM QPSK	1	1	22.75	22.64	22.74	0-1.5	1.5

FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 92 of 336

**Table H-93
NR Band n12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth**



NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.73	0	0.0
	1	26	22.74		0.0
	1	50	22.52		0.0
	25	0	22.66	0-0.5	0.0
	25	14	22.73	0	0.0
	25	27	22.72	0-0.5	0.0
	50	0	22.77		0.0
DFT-s-OFDM QPSK	1	1	22.79	0	0.0
	1	26	22.79		0.0
	1	50	22.75		0.0
	25	0	22.65	0-1	0.0
	25	14	22.75	0	0.0
	25	27	22.61	0-1	0.0
	50	0	22.70		0.0
DFT-s-OFDM 16QAM	1	1	22.72	0-1	0.0
CP-OFDM QPSK	1	1	22.67	0-1.5	0.2

Note: NR Band n12 at 10 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 93 of 336

**Table H-94
NR Band n12 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth**

NR Band n12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.72	22.74	22.75	0	0.0
	1	13	22.62	22.67	22.46		0.0
	1	23	22.86	22.71	22.49		0.0
	12	0	22.78	22.73	22.63	0-0.5	0.0
	12	7	22.70	22.65	22.62	0	0.0
	12	13	22.69	22.75	22.40	0-0.5	0.0
	25	0	22.58	22.64	22.50		0.0
DFT-s-OFDM QPSK	1	1	22.68	22.80	22.60	0	0.0
	1	13	22.48	22.81	22.58		0.0
	1	23	22.70	22.35	22.55		0.0
	12	0	22.78	22.87	22.78	0-1	0.0
	12	7	22.68	22.86	22.70	0	0.0
	12	13	22.78	22.85	22.67	0-1	0.0
	25	0	22.70	22.75	22.60		0.0
DFT-s-OFDM 16QAM	1	1	22.80	22.65	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.63	22.70	22.52	0-1.5	0.2

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 94 of 336

H.2.3 NR Band n5

Table H-95

NR Band n5 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.11	0	0.0
	1	40	24.04		0.0
	1	77	24.08		0.0
	36	0	23.45	0-0.5	0.5
	36	22	23.98	0	0.0
	36	43	23.50	0-0.5	0.5
	75	0	23.51		0.5
DFT-s-OFDM QPSK	1	1	24.13	0	0.0
	1	40	24.22		0.0
	1	77	24.11		0.0
	36	0	22.99	0-1	1.0
	36	22	24.00	0	0.0
	36	43	23.03	0-1	1.0
	75	0	23.05		1.0
DFT-s-OFDM 16QAM	1	1	23.24	0-1	1.0
CP-OFDM QPSK	1	1	22.46	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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 95 of 336

Table H-96

NR Band n5 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.92	0	0.0
	1	26	24.07		0.0
	1	50	24.12		0.0
	25	0	23.51	0-0.5	0.5
	25	14	24.07	0	0.0
	25	27	23.59	0-0.5	0.5
	50	0	23.57		0.5
DFT-s-OFDM QPSK	1	1	24.17	0	0.0
	1	26	24.18		0.0
	1	50	24.11		0.0
	25	0	23.01	0-1	1.0
	25	14	24.07	0	0.0
	25	27	23.02	0-1	1.0
	50	0	23.10		1.0
DFT-s-OFDM 16QAM	1	1	23.18	0-1	1.0
CP-OFDM QPSK	1	1	22.40	0-1.5	1.5

Note: NR Band n5 at 10 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 96 of 336

Table H-97

NR Band n5 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth


NR Band n5 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]	
			165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)			
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.06	23.84	24.00	0	0.0	
	1	13	23.98	24.03	24.00		0.0	
	1	23	23.87	23.95	23.94		0.0	
		12	0	23.51	23.60	23.50	0-0.5	0.5
		12	7	23.90	24.06	24.02	0	0.0
		12	13	23.37	23.52	23.52	0-0.5	0.5
		25	0	23.37	23.51	23.53		0.5
DFT-s-OFDM QPSK	1	1	24.21	24.16	24.27	0	0.0	
	1	13	24.17	24.23	24.21		0.0	
	1	23	24.00	24.10	24.21		0.0	
		12	0	23.00	23.12	23.03	0-1	1.0
		12	7	24.00	24.14	24.11	0	0.0
		12	13	22.87	23.07	23.03	0-1	1.0
		25	0	22.91	23.06	23.08		1.0
DFT-s-OFDM 16QAM	1	1	23.29	23.23	23.22	0-1	1.0	
CP-OFDM QPSK	1	1	22.47	22.55	22.42	0-1.5	1.5	

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 97 of 336

**Table H-98
NR Band n5 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.86	0	0.0
	1	40	22.93		0.0
	1	77	22.97		0.0
	36	0	22.80	0-0.5	0.0
	36	22	22.85	0	0.0
	36	43	22.86	0-0.5	0.0
	75	0	22.91		0.0
DFT-s-OFDM QPSK	1	1	22.87	0	0.0
	1	40	22.92		0.0
	1	77	23.11		0.0
	36	0	22.77	0-1	0.0
	36	22	22.83	0	0.0
	36	43	22.83	0-1	0.0
	75	0	22.89		0.0
DFT-s-OFDM 16QAM	1	1	22.95	0-1	0.0
CP-OFDM QPSK	1	1	22.25	0-1.5	0.2

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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 98 of 336

**Table H-99
NR Band n5 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.61	0	0.0
	1	26	23.00		0.0
	1	50	23.10		0.0
	25	0	22.84	0-0.5	0.0
	25	14	22.95	0	0.0
	25	27	22.90	0-0.5	0.0
	50	0	22.94		0.0
DFT-s-OFDM QPSK	1	1	22.83	0	0.0
	1	26	23.09		0.0
	1	50	22.93		0.0
	25	0	22.89	0-1	0.0
	25	14	22.93	0	0.0
	25	27	22.92	0-1	0.0
	50	0	22.95		0.0
DFT-s-OFDM 16QAM	1	1	23.00	0-1	0.0
CP-OFDM QPSK	1	1	22.23	0-1.5	0.2

Note: NR Band n5 at 10 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 99 of 336

Table H-100
NR Band n5 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	22.92	22.96	22.80	0	0.0
	1	13	22.77	22.86	23.00		0.0
	1	23	22.65	22.99	22.84		0.0
	12	0	22.85	23.00	22.90	0-0.5	0.0
	12	7	22.82	22.80	22.79	0	0.0
	12	13	22.79	22.89	22.81	0-0.5	0.0
	25	0	22.78	22.91	22.86		0.0
DFT-s-OFDM QPSK	1	1	22.85	22.97	22.97	0	0.0
	1	13	22.65	22.78	22.87		0.0
	1	23	22.55	22.90	22.71		0.0
	12	0	22.88	23.08	22.95	0-1	0.0
	12	7	22.82	23.03	22.95	0	0.0
	12	13	22.67	22.91	22.88	0-1	0.0
	25	0	22.76	22.90	22.80		0.0
DFT-s-OFDM 16QAM	1	1	22.81	22.90	22.95	0-1	0.0
CP-OFDM QPSK	1	1	22.25	22.36	22.13	0-1.5	0.2

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 100 of 336

H.2.4 NR Band n66

Table H-101

NR Band n66 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.90	0	0.0
	1	80	23.95		0.0
	1	158	24.20		0.0
	80	0	23.31	0-0.5	0.5
	80	40	23.84	0	0.0
	80	80	23.50	0-0.5	0.5
	160	0	23.36		0.5
DFT-s-OFDM QPSK	1	1	23.79	0	0.0
	1	80	23.53		0.0
	1	158	24.05		0.0
	80	0	22.61	0-1	1.0
	80	40	23.50	0	0.0
	80	80	22.72	0-1	1.0
	160	0	22.66		1.0
DFT-s-OFDM 16QAM	1	1	22.43	0-1	1.0
CP-OFDM QPSK	1	1	22.14	0-1.5	1.5

Note: NR Band n66 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 101 of 336

Table H-102
NR Band n66 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.82	23.81	23.80	0	0.0
	1	53	23.78	23.87	23.86		0.0
	1	104	23.90	23.91	23.80		0.0
	50	0	23.34	23.47	23.31	0-0.5	0.5
	50	28	23.83	23.99	23.90	0	0.0
	50	56	23.36	23.43	23.37	0-0.5	0.5
	100	0	23.30	23.47	23.40		0.5
DFT-s-OFDM QPSK	1	1	23.60	23.68	23.97	0	0.0
	1	53	23.78	23.71	23.92		0.0
	1	104	23.75	24.00	23.01		0.0
	50	0	22.82	22.63	22.90	0-1	1.0
	50	28	23.75	23.65	23.86	0	0.0
	50	56	22.74	22.75	22.22	0-1	1.0
	100	0	22.82	22.70	22.72		1.0
DFT-s-OFDM 16QAM	1	1	22.60	22.74	22.97	0-1	1.0
CP-OFDM QPSK	1	1	21.99	22.06	22.41	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 102 of 336

Table H-103
NR Band n66 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.79	23.89	23.97	0	0.0
	1	40	23.72	23.87	23.93		0.0
	1	77	23.76	23.89	23.90		0.0
	36	0	23.28	23.40	23.45	0-0.5	0.5
	36	22	23.76	23.84	23.96	0	0.0
	36	43	23.35	23.39	23.44	0-0.5	0.5
	75	0	23.40	23.42	23.47		0.5
DFT-s-OFDM QPSK	1	1	23.68	23.65	23.96	0	0.0
	1	40	23.86	23.61	23.83		0.0
	1	77	23.93	23.82	23.05		0.0
	36	0	22.95	22.52	23.01	0-1	1.0
	36	22	23.81	23.49	23.75	0	0.0
	36	43	22.87	22.60	22.40	0-1	1.0
	75	0	22.87	22.56	22.85		1.0
DFT-s-OFDM 16QAM	1	1	22.81	22.64	22.96	0-1	1.0
CP-OFDM QPSK	1	1	22.19	22.00	22.32	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 103 of 336

Table H-104
NR Band n66 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.65	23.75	24.00	0	0.0
	1	26	23.70	23.84	24.10		0.0
	1	50	23.68	23.87	23.82		0.0
	25	0	23.23	23.29	23.48	0-0.5	0.5
	25	14	23.72	23.77	23.96	0	0.0
	25	27	23.22	23.28	23.51	0-0.5	0.5
	50	0	23.25	23.30	23.46		0.5
DFT-s-OFDM QPSK	1	1	23.66	23.74	23.74	0	0.0
	1	26	23.79	23.86	23.50		0.0
	1	50	23.72	23.81	23.11		0.0
	25	0	22.68	22.85	22.66	0-1	1.0
	25	14	23.77	23.84	23.55	0	0.0
	25	27	22.73	22.87	22.29	0-1	1.0
	50	0	22.76	22.80	22.42		1.0
DFT-s-OFDM 16QAM	1	1	22.66	22.92	22.82	0-1	1.0
CP-OFDM QPSK	1	1	22.05	22.07	22.24	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 104 of 336

Table H-105
NR Band n66 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.61	23.82	24.00	0	0.0
	1	13	23.60	23.86	23.88		0.0
	1	23	23.55	23.89	23.83		0.0
	12	0	23.13	23.39	23.43	0-0.5	0.5
	12	7	23.65	23.91	23.96	0	0.0
	12	13	23.13	23.33	23.32	0-0.5	0.5
	25	0	23.08	23.35	23.39		0.5
DFT-s-OFDM QPSK	1	1	23.71	23.73	23.47	0	0.0
	1	13	23.74	23.72	23.42		0.0
	1	23	23.70	23.81	23.01		0.0
	12	0	22.70	22.76	22.45	0-1	1.0
	12	7	23.72	23.71	23.36	0	0.0
	12	13	22.72	22.77	22.15	0-1	1.0
	25	0	22.68	22.58	22.22		1.0
DFT-s-OFDM 16QAM	1	1	22.74	22.70	22.50	0-1	1.0
CP-OFDM QPSK	1	1	22.07	22.11	21.95	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 105 of 336

Table H-106
NR Band n66 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.56	0	0.0
	1	80	17.48		0.0
	1	158	17.78		0.0
	80	0	17.55	0-0.5	0.0
	80	40	17.53	0	0.0
	80	80	17.73	0-0.5	0.0
	160	0	17.68		0.0
DFT-s-OFDM QPSK	1	1	17.45	0	0.0
	1	80	17.65		0.0
	1	158	18.02		0.0
	80	0	17.67	0-1	0.0
	80	40	17.72	0	0.0
	80	80	17.76	0-1	0.0
	160	0	17.73		0.0
DFT-s-OFDM 16QAM	1	1	17.64	0-1	0.0
CP-OFDM QPSK	1	1	17.75	0-1.5	0.0

Note: NR Band n66 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 106 of 336

Table H-107
NR Band n66 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.69	17.70	17.95	0	0.0
	1	53	17.57	17.63	17.90		0.0
	1	104	17.87	17.77	17.99		0.0
	50	0	17.72	17.70	17.86	0-0.5	0.0
	50	28	17.66	17.67	17.94	0	0.0
	50	56	17.66	17.63	17.91	0-0.5	0.0
	100	0	17.70	17.69	17.84		0.0
DFT-s-OFDM QPSK	1	1	17.91	17.78	18.05	0	0.0
	1	53	17.76	17.74	18.02		0.0
	1	104	17.90	17.88	18.08		0.0
	50	0	17.72	17.75	17.86	0-1	0.0
	50	28	17.74	17.74	17.96	0	0.0
	50	56	17.70	17.70	17.92	0-1	0.0
	100	0	17.69	17.69	17.86		0.0
DFT-s-OFDM 16QAM	1	1	17.71	17.61	17.80	0-1	0.0
CP-OFDM QPSK	1	1	18.06	17.79	18.05	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 107 of 336

Table H-108
NR Band n66 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	17.73	17.76	17.88	0	0.0
	1	40	17.60	17.73	17.90		0.0
	1	77	17.71	17.75	17.97		0.0
	36	0	17.72	17.82	17.87	0-0.5	0.0
	36	22	17.70	17.73	17.89	0	0.0
	36	43	17.71	17.77	17.92	0-0.5	0.0
	75	0	17.72	17.80	17.95		0.0
DFT-s-OFDM QPSK	1	1	17.88	17.97	18.05	0	0.0
	1	40	17.79	17.84	17.97		0.0
	1	77	17.89	17.85	18.02		0.0
	36	0	17.81	17.87	17.90	0-1	0.0
	36	22	17.71	17.78	17.95	0	0.0
	36	43	17.72	17.81	17.93	0-1	0.0
	75	0	17.68	17.80	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.75	17.73	17.74	0-1	0.0
CP-OFDM QPSK	1	1	17.72	17.78	17.93	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 108 of 336

Table H-109
NR Band n66 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	17.54	17.53	17.77	0	0.0
	1	26	17.49	17.61	17.81		0.0
	1	50	17.53	17.60	17.89		0.0
	25	0	17.53	17.66	17.76	0-0.5	0.0
	25	14	17.58	17.65	17.80	0	0.0
	25	27	17.59	17.61	17.76	0-0.5	0.0
	50	0	17.60	17.62	17.81		0.0
DFT-s-OFDM QPSK	1	1	17.73	17.57	17.98	0	0.0
	1	26	17.78	17.63	17.80		0.0
	1	50	17.62	17.63	17.85		0.0
	25	0	17.60	17.67	17.78	0-1	0.0
	25	14	17.58	17.65	17.82	0	0.0
	25	27	17.59	17.61	17.75	0-1	0.0
	50	0	17.61	17.64	17.82		0.0
DFT-s-OFDM 16QAM	1	1	17.47	17.56	17.80	0-1	0.0
CP-OFDM QPSK	1	1	17.56	17.63	18.04	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 109 of 336

Table H-110
NR Band n66 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 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	17.56	17.63	17.76	0	0.0
	1	13	17.60	17.66	17.81		0.0
	1	23	17.67	17.60	17.69		0.0
	12	0	17.78	17.66	17.79	0-0.5	0.0
	12	7	17.66	17.70	17.77	0	0.0
	12	13	17.68	17.66	17.86	0-0.5	0.0
	25	0	17.63	17.65	17.80		0.0
DFT-s-OFDM QPSK	1	1	17.74	17.78	17.93	0	0.0
	1	13	17.75	17.79	17.98		0.0
	1	23	17.86	17.64	17.95		0.0
	12	0	17.68	17.63	17.72	0-1	0.0
	12	7	17.69	17.65	17.88	0	0.0
	12	13	17.64	17.65	17.80	0-1	0.0
	25	0	17.69	17.67	17.79		0.0
DFT-s-OFDM 16QAM	1	1	17.55	17.63	17.68	0-1	0.0
CP-OFDM QPSK	1	1	17.66	17.64	17.97	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 110 of 336

Table H-111
NR Band Ant A n66 Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.16	0	0.0
	1	80	19.98		0.0
	1	158	20.03		0.0
	80	0	19.93	0-0.5	0.0
	80	40	19.82	0	0.0
	80	80	19.95	0-0.5	0.0
	160	0	19.89		0.0
DFT-s-OFDM QPSK	1	1	20.11	0	0.0
	1	80	19.84		0.0
	1	158	20.07		0.0
	80	0	19.98	0-1	0.0
	80	40	19.90	0	0.0
	80	80	19.99	0-1	0.0
	160	0	19.90		0.0
DFT-s-OFDM 16QAM	1	1	20.14	0-1	0.0
CP-OFDM QPSK	1	1	20.17	0-1.5	0.0

Note: NR Band n66 at 30 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 111 of 336

Table H-112
NR Band n66 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.28	20.11	19.98	0	0.0
	1	53	20.18	19.96	19.97		0.0
	1	104	20.12	20.07	19.97		0.0
	50	0	20.08	19.89	19.83	0-0.5	0.0
	50	28	19.99	19.85	19.89	0	0.0
	50	56	19.98	19.82	19.82	0-0.5	0.0
	100	0	19.99	19.85	19.92		0.0
DFT-s-OFDM QPSK	1	1	20.22	20.08	19.91	0	0.0
	1	53	20.07	19.86	19.85		0.0
	1	104	20.08	19.95	19.97		0.0
	50	0	20.10	19.91	19.81	0-1	0.0
	50	28	20.00	19.83	19.90	0	0.0
	50	56	20.02	19.84	19.90	0-1	0.0
	100	0	20.05	19.87	19.90		0.0
DFT-s-OFDM 16QAM	1	1	20.12	20.01	19.98	0-1	0.0
CP-OFDM QPSK	1	1	20.17	20.01	19.87	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 112 of 336

Table H-113
NR Band n66 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (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	19.78	19.99	19.91	0	0.0
	1	40	19.68	19.95	19.97		0.0
	1	77	19.63	19.94	20.10		0.0
	36	0	19.60	19.79	19.96	0-0.5	0.0
	36	22	19.60	19.76	19.82	0	0.0
	36	43	19.61	19.78	19.86	0-0.5	0.0
	75	0	19.53	19.77	19.82		0.0
DFT-s-OFDM QPSK	1	1	19.75	19.95	19.84	0	0.0
	1	40	19.65	19.80	19.82		0.0
	1	77	19.66	19.91	19.94		0.0
	36	0	19.60	19.93	19.95	0-1	0.0
	36	22	19.51	19.83	19.87	0	0.0
	36	43	19.58	19.84	19.94	0-1	0.0
	75	0	19.58	19.88	20.00		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.73	20.12	0-1	0.0
CP-OFDM QPSK	1	1	19.69	20.17	20.12	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 113 of 336

Table H-114
NR Band n66 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (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	19.78	19.62	19.88	0	0.0
	1	26	19.69	19.75	19.90		0.0
	1	50	19.63	19.70	19.83		0.0
	25	0	19.58	19.73	19.85	0-0.5	0.0
	25	14	19.56	19.69	19.82	0	0.0
	25	27	19.54	19.69	19.80	0-0.5	0.0
	50	0	19.64	19.74	19.85		0.0
DFT-s-OFDM QPSK	1	1	19.73	19.74	19.99	0	0.0
	1	26	19.70	19.82	19.99		0.0
	1	50	19.72	19.84	19.89		0.0
	25	0	19.60	19.74	19.85	0-1	0.0
	25	14	19.56	19.70	19.89	0	0.0
	25	27	19.59	19.68	19.86	0-1	0.0
	50	0	19.57	19.77	19.87		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.39	19.52	0-1	0.0
CP-OFDM QPSK	1	1	19.77	19.77	19.94	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 114 of 336

Table H-115
NR Band n66 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (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	19.84	19.70	19.90	0	0.0
	1	13	19.69	19.67	19.84		0.0
	1	23	19.66	19.69	19.89		0.0
	12	0	19.61	19.79	19.85	0-0.5	0.0
	12	7	19.71	19.77	19.85	0	0.0
	12	13	19.62	19.70	19.81	0-0.5	0.0
	25	0	19.58	19.69	19.78		0.0
DFT-s-OFDM QPSK	1	1	19.78	19.88	20.01	0	0.0
	1	13	19.80	19.83	20.07		0.0
	1	23	19.82	19.80	19.96		0.0
	12	0	19.60	19.72	19.89	0-1	0.0
	12	7	19.63	19.75	19.88	0	0.0
	12	13	19.60	19.70	19.84	0-1	0.0
	25	0	19.64	19.71	19.83		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.42	19.63	0-1	0.0
CP-OFDM QPSK	1	1	19.89	19.90	20.00	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 115 of 336

Table H-116

NR Band n66 Ant I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.85	0	0.0
	1	80	21.76		0.0
	1	158	21.65		0.0
	80	0	21.77	0-0.5	0.0
	80	40	21.73	0	0.0
	80	80	21.70	0-0.5	0.0
	160	0	21.74		0.0
DFT-s-OFDM QPSK	1	1	21.72	0	0.0
	1	80	21.72		0.0
	1	158	21.64		0.0
	80	0	21.79	0-1	0.0
	80	40	21.72	0	0.0
	80	80	21.64	0-1	0.0
	160	0	21.70		0.0
DFT-s-OFDM 16QAM	1	1	21.53	0-1	0.0
CP-OFDM QPSK	1	1	21.70	0-1.5	0.0

Note: NR Band n66 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 116 of 336

Table H-117

NR Band n66 Ant I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.70	21.43	21.48	0	0.0
	1	53	21.56	21.32	21.10		0.0
	1	104	21.57	21.33	21.33		0.0
	50	0	21.52	21.33	21.23	0-0.5	0.0
	50	28	21.43	21.30	21.26	0	0.0
	50	56	21.51	21.32	21.25	0-0.5	0.0
	100	0	21.51	21.33	21.26		0.0
DFT-s-OFDM QPSK	1	1	21.52	21.42	21.40	0	0.0
	1	53	21.50	21.33	21.21		0.0
	1	104	21.52	21.30	21.29		0.0
	50	0	21.57	21.37	21.27	0-1	0.0
	50	28	21.51	21.29	21.25	0	0.0
	50	56	21.52	21.35	21.23	0-1	0.0
	100	0	21.48	21.32	21.25		0.0
DFT-s-OFDM 16QAM	1	1	21.71	21.71	21.43	0-1	0.0
CP-OFDM QPSK	1	1	21.96	21.44	21.61	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 117 of 336

Table H-118

NR Band n66 Ant I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	21.75	21.56	21.20	0	0.0
	1	40	21.67	21.38	21.05		0.0
	1	77	21.67	21.47	21.18		0.0
	36	0	21.71	21.46	21.22	0-0.5	0.0
	36	22	21.60	21.37	21.13	0	0.0
	36	43	21.56	21.35	21.09	0-0.5	0.0
	75	0	21.64	21.43	21.15		0.0
DFT-s-OFDM QPSK	1	1	21.80	21.48	21.27	0	0.0
	1	40	21.60	21.39	21.22		0.0
	1	77	21.81	21.37	21.23		0.0
	36	0	21.68	21.52	21.27	0-1	0.0
	36	22	21.62	21.42	21.20	0	0.0
	36	43	21.65	21.51	21.24	0-1	0.0
	75	0	21.63	21.48	21.20		0.0
DFT-s-OFDM 16QAM	1	1	21.83	21.57	21.36	0-1	0.0
CP-OFDM QPSK	1	1	21.90	21.65	21.60	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 118 of 336

Table H-119

NR Band n66 Ant I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	21.76	21.57	21.22	0	0.0
	1	26	21.72	21.52	21.27		0.0
	1	50	21.62	21.60	21.03		0.0
	25	0	21.61	21.35	21.06	0-0.5	0.0
	25	14	21.55	21.40	21.05	0	0.0
	25	27	21.60	21.35	21.15	0-0.5	0.0
	50	0	21.55	21.46	21.10		0.0
DFT-s-OFDM QPSK	1	1	21.67	21.46	21.03	0	0.0
	1	26	21.68	21.50	21.18		0.0
	1	50	21.67	21.53	21.09		0.0
	25	0	21.67	21.50	21.20	0-1	0.0
	25	14	21.65	21.47	21.18	0	0.0
	25	27	21.61	21.49	21.08	0-1	0.0
	50	0	21.71	21.43	21.08		0.0
DFT-s-OFDM 16QAM	1	1	21.60	21.82	21.12	0-1	0.0
CP-OFDM QPSK	1	1	21.82	21.73	21.45	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 119 of 336

Table H-120

NR Band n66 Ant I Measured P_{Limit} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (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	21.61	21.32	21.09	0	0.0
	1	13	21.43	21.40	21.10		0.0
	1	23	21.55	21.35	20.95		0.0
	12	0	21.60	21.30	20.85	0-0.5	0.0
	12	7	21.69	21.35	20.99	0	0.0
	12	13	21.60	21.26	21.00	0-0.5	0.0
	25	0	21.45	21.30	20.92		0.0
DFT-s-OFDM QPSK	1	1	21.60	21.32	20.98	0	0.0
	1	13	21.62	21.35	21.16		0.0
	1	23	21.53	21.33	21.02		0.0
	12	0	21.42	21.46	21.02	0-1	0.0
	12	7	21.61	21.25	20.96	0	0.0
	12	13	21.58	21.33	21.11	0-1	0.0
	25	0	21.55	21.42	21.05		0.0
DFT-s-OFDM 16QAM	1	1	21.57	21.31	20.98	0-1	0.0
CP-OFDM QPSK	1	1	21.75	21.53	21.27	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 120 of 336

Table H-121
NR Band n66 Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.71	0	0.0
	1	80	18.50		0.0
	1	158	18.43		0.0
	80	0	18.50	0-0.5	0.0
	80	40	18.42	0	0.0
	80	80	18.41	0-0.5	0.0
	160	0	18.44		0.0
DFT-s-OFDM QPSK	1	1	18.65	0	0.0
	1	80	18.50		0.0
	1	158	18.41		0.0
	80	0	18.51	0-1	0.0
	80	40	18.46	0	0.0
	80	80	18.42	0-1	0.0
	160	0	18.49		0.0
DFT-s-OFDM 16QAM	1	1	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.73	0-1.5	0.0

Note: NR Band n66 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 121 of 336

Table H-122
NR Band n66 Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.65	18.40	18.44	0	0.0
	1	53	18.53	18.36	18.16		0.0
	1	104	18.37	18.40	18.12		0.0
	50	0	18.50	18.37	18.11	0-0.5	0.0
	50	28	18.53	18.31	18.06	0	0.0
	50	56	18.52	18.32	18.11	0-0.5	0.0
	100	0	18.55	18.33	18.13		0.0
DFT-s-OFDM QPSK	1	1	18.65	18.56	18.38	0	0.0
	1	53	18.41	18.33	18.16		0.0
	1	104	18.41	18.30	18.23		0.0
	50	0	18.54	18.35	18.17	0-1	0.0
	50	28	18.49	18.31	18.17	0	0.0
	50	56	18.51	18.35	18.15	0-1	0.0
	100	0	18.55	18.35	18.13		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.53	18.25	0-1	0.0
CP-OFDM QPSK	1	1	19.00	18.85	18.44	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 122 of 336

Table H-123
NR Band n66 Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.51	18.39	18.12	0	0.0
	1	40	18.47	18.35	18.18		0.0
	1	77	18.62	18.47	18.20		0.0
	36	0	18.51	18.42	18.14	0-0.5	0.0
	36	22	18.43	18.31	18.06	0	0.0
	36	43	18.48	18.28	18.13	0-0.5	0.0
	75	0	18.48	18.35	18.10		0.0
DFT-s-OFDM QPSK	1	1	18.56	18.42	18.05	0	0.0
	1	40	18.49	18.25	18.06		0.0
	1	77	18.57	18.28	18.20		0.0
	36	0	18.60	18.43	18.20	0-1	0.0
	36	22	18.47	18.34	18.11	0	0.0
	36	43	18.49	18.40	18.17	0-1	0.0
	75	0	18.51	18.47	18.15		0.0
DFT-s-OFDM 16QAM	1	1	18.91	18.35	18.14	0-1	0.0
CP-OFDM QPSK	1	1	18.63	18.70	18.40	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 123 of 336

Table H-124
NR Band n66 Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.61	18.41	18.11	0	0.0
	1	26	18.68	18.50	18.10		0.0
	1	50	18.64	18.51	17.96		0.0
	25	0	18.55	18.38	18.00	0-0.5	0.0
	25	14	18.53	18.36	18.01	0	0.0
	25	27	18.50	18.46	17.96	0-0.5	0.0
	50	0	18.60	18.35	18.01		0.0
DFT-s-OFDM QPSK	1	1	18.68	18.42	18.04	0	0.0
	1	26	18.72	18.41	18.03		0.0
	1	50	18.60	18.46	18.10		0.0
	25	0	18.56	18.40	18.03	0-1	0.0
	25	14	18.62	18.33	17.99	0	0.0
	25	27	18.53	18.34	18.03	0-1	0.0
	50	0	18.60	18.36	18.02		0.0
DFT-s-OFDM 16QAM	1	1	18.54	18.40	18.06	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.22	18.30	0-1.5	0.0





FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 124 of 336

Table H-125
NR Band n66 Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.57	18.47	18.12	0	0.0
	1	13	18.63	18.51	18.27		0.0
	1	23	18.48	18.13	18.03		0.0
	12	0	18.58	18.33	17.97	0-0.5	0.0
	12	7	18.66	18.42	18.10	0	0.0
	12	13	18.38	18.45	17.99	0-0.5	0.0
	25	0	18.56	18.43	17.97		0.0
DFT-s-OFDM QPSK	1	1	18.65	18.45	18.03	0	0.0
	1	13	18.62	18.50	18.08		0.0
	1	23	18.32	18.35	17.98		0.0
	12	0	18.49	18.40	17.91	0-1	0.0
	12	7	18.67	18.48	17.86	0	0.0
	12	13	18.58	18.44	17.94	0-1	0.0
	25	0	18.63	18.37	17.97		0.0
DFT-s-OFDM 16QAM	1	1	18.55	18.41	18.06	0-1	0.0
CP-OFDM QPSK	1	1	18.71	18.72	18.15	0-1.5	0.0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 125 of 336

H.2.5 NR Band n25

Table H-126

NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.53	0	0.0
	1	80	23.41		0.0
	1	158	23.55		0.0
	80	0	23.01	0-0.5	0.5
	80	40	23.45	0	0.0
	80	80	23.03	0-0.5	0.5
	160	0	23.11		0.5
DFT-s-OFDM QPSK	1	1	23.73	0	0.0
	1	80	23.47		0.0
	1	158	23.69		0.0
	80	0	22.58	0-1	1.0
	80	40	23.53	0	0.0
	80	80	22.49	0-1	1.0
	160	0	22.62		1.0
DFT-s-OFDM 16QAM	1	1	22.66	0-1	1.0
CP-OFDM QPSK	1	1	22.28	0-1.5	1.5

Note: NR Band n25 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 126 of 336

Table H-127
NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.63	0	0.0
	1	67	23.50		0.0
	1	131	23.69		0.0
	64	0	23.08	0-0.5	0.5
	64	35	23.58	0	0.0
	64	69	23.09	0-0.5	0.5
	128	0	23.04		0.5
DFT-s-OFDM QPSK	1	1	23.77	0	0.0
	1	67	23.30		0.0
	1	131	23.75		0.0
	64	0	22.64	0-1	1.0
	64	35	23.36	0	0.0
	64	69	22.19	0-1	1.0
	128	0	22.59		1.0
DFT-s-OFDM 16QAM	1	1	22.73	0-1	1.0
CP-OFDM QPSK	1	1	22.35	0-1.5	1.5

Note: NR Band n25 at 25 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 127 of 336

Table H-128
NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.67	23.58	23.42	0	0.0
	1	53	23.60	23.55	23.48		0.0
	1	104	23.57	23.49	23.47		0.0
	50	0	23.19	23.07	23.00	0-0.5	0.5
	50	28	23.65	23.56	23.49	0	0.0
	50	56	23.14	23.03	23.06	0-0.5	0.5
	100	0	23.12	23.10	23.01		0.5
DFT-s-OFDM QPSK	1	1	23.75	23.63	23.58	0	0.0
	1	53	23.53	23.32	23.54		0.0
	1	104	23.65	23.51	23.43		0.0
	50	0	22.73	22.64	22.56	0-1	1.0
	50	28	23.66	23.34	23.58	0	0.0
	50	56	22.64	22.14	22.54	0-1	1.0
	100	0	22.70	22.61	22.58		1.0
DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.55	0-1	1.0
CP-OFDM QPSK	1	1	22.33	22.11	22.14	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 128 of 336

Table H-129
NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.61	23.49	23.48	0	0.0
	1	40	23.60	23.52	23.51		0.0
	1	77	23.64	23.51	23.56		0.0
	36	0	23.17	23.02	23.06	0-0.5	0.5
	36	22	23.56	23.50	23.51	0	0.0
	36	43	23.05	22.96	22.97	0-0.5	0.5
	75	0	23.14	23.00	23.01		0.5
DFT-s-OFDM QPSK	1	1	23.72	23.66	23.57	0	0.0
	1	40	23.53	23.30	23.34		0.0
	1	77	23.67	23.24	23.26		0.0
	36	0	22.73	22.52	22.62	0-1	1.0
	36	22	23.53	23.33	23.37	0	0.0
	36	43	22.64	22.15	22.57	0-1	1.0
	75	0	22.63	22.53	22.61		1.0
DFT-s-OFDM 16QAM	1	1	22.50	22.27	22.33	0-1	1.0
CP-OFDM QPSK	1	1	22.28	22.13	22.08	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 129 of 336

Table H-130
NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.61	23.50	23.47	0	0.0
	1	26	23.62	23.55	23.51		0.0
	1	50	23.66	23.54	23.56		0.0
	25	0	23.17	22.97	22.99	0-0.5	0.5
	25	14	23.67	23.51	23.54	0	0.0
	25	27	23.22	23.05	23.04	0-0.5	0.5
	50	0	23.16	23.06	23.04		0.5
DFT-s-OFDM QPSK	1	1	23.73	23.57	23.55	0	0.0
	1	26	23.53	23.24	23.27		0.0
	1	50	23.63	23.23	23.31		0.0
	25	0	22.71	22.55	22.38	0-1	1.0
	25	14	23.63	23.26	23.26	0	0.0
	25	27	22.59	22.19	22.65	0-1	1.0
	50	0	22.53	22.41	22.54		1.0
DFT-s-OFDM 16QAM	1	1	22.39	22.26	22.25	0-1	1.0
CP-OFDM QPSK	1	1	22.06	21.82	22.06	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 130 of 336

Table H-131
NR Band n25 Ant A Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.52	23.35	23.47	0	0.0
	1	13	23.60	23.51	23.60		0.0
	1	23	23.57	23.45	23.48		0.0
	12	0	23.00	22.95	23.08	0-0.5	0.5
	12	7	23.62	23.49	23.64	0	0.0
	12	13	23.08	23.02	23.12	0-0.5	0.5
	25	0	23.09	22.95	23.05		0.5
DFT-s-OFDM QPSK	1	1	23.62	23.49	23.35	0	0.0
	1	13	23.53	23.12	23.64		0.0
	1	23	23.65	23.24	23.23		0.0
	12	0	22.57	22.42	22.51	0-1	1.0
	12	7	23.63	23.11	23.64	0	0.0
	12	13	22.65	22.14	22.72	0-1	1.0
	25	0	22.56	22.22	22.66		1.0
DFT-s-OFDM 16QAM	1	1	22.30	22.24	22.26	0-1	1.0
CP-OFDM QPSK	1	1	21.97	21.88	21.78	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 131 of 336

Table H-132
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.29	0	0.0
	1	80	17.10		0.0
	1	158	17.18		0.0
	80	0	17.22	0-0.5	0.0
	80	40	17.13	0	0.0
	80	80	17.17	0-0.5	0.0
	160	0	17.23		0.0
DFT-s-OFDM QPSK	1	1	17.48	0	0.0
	1	80	17.25		0.0
	1	158	17.37		0.0
	80	0	17.21	0-1	0.0
	80	40	17.11	0	0.0
	80	80	17.21	0-1	0.0
	160	0	17.23		0.0
DFT-s-OFDM 16QAM	1	1	17.20	0-1	0.0
CP-OFDM QPSK	1	1	17.38	0-1.5	0.0

Note: NR Band n25 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 132 of 336

Table H-133
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.28	0	0.0
	1	67	17.14		0.0
	1	131	17.24		0.0
	64	0	17.23	0-0.5	0.0
	64	35	17.20	0	0.0
	64	69	17.21		0.0
	128	0	17.16		0-0.5
DFT-s-OFDM QPSK	1	1	17.48	0	0.0
	1	67	17.22		0.0
	1	131	17.35		0.0
	64	0	17.19	0-1	0.0
	64	35	17.20	0	0.0
	64	69	17.15		0.0
	128	0	17.15		0-1
DFT-s-OFDM 16QAM	1	1	17.17	0-1	0.0
CP-OFDM QPSK	1	1	17.53	0-1.5	0.0

Note: NR Band n25 at 25 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 133 of 336

Table H-134
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.31	17.21	17.09	0	0.0
	1	53	17.26	17.15	17.07		0.0
	1	104	17.10	17.06	16.95		0.0
	50	0	17.24	17.14	17.07	0-0.5	0.0
	50	28	17.21	17.13	17.00	0	0.0
	50	56	17.19	17.13	16.97	0-0.5	0.0
	100	0	17.18	17.16	17.09		0.0
DFT-s-OFDM QPSK	1	1	17.43	17.31	17.35	0	0.0
	1	53	17.42	17.27	17.23		0.0
	1	104	17.30	17.19	17.10		0.0
	50	0	17.29	17.23	17.18	0-1	0.0
	50	28	17.28	17.15	17.13	0	0.0
	50	56	17.24	17.13	17.01	0-1	0.0
	100	0	17.27	17.20	17.11		0.0
DFT-s-OFDM 16QAM	1	1	17.16	17.07	16.94	0-1	0.0
CP-OFDM QPSK	1	1	17.38	17.40	17.23	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 134 of 336

Table H-135
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.24	17.14	17.08	0	0.0
	1	40	17.28	17.16	17.07		0.0
	1	77	17.25	17.03	17.03		0.0
	36	0	17.25	17.10	17.02	0-0.5	0.0
	36	22	17.14	17.12	16.95	0	0.0
	36	43	17.13	17.09	16.94	0-0.5	0.0
	75	0	17.21	17.13	16.99		0.0
DFT-s-OFDM QPSK	1	1	17.38	17.36	17.23	0	0.0
	1	40	17.34	17.32	17.20		0.0
	1	77	17.32	17.31	17.15		0.0
	36	0	17.29	17.23	17.08	0-1	0.0
	36	22	17.20	17.13	17.07	0	0.0
	36	43	17.19	17.18	16.99	0-1	0.0
	75	0	17.27	17.21	17.02		0.0
DFT-s-OFDM 16QAM	1	1	17.02	17.08	16.94	0-1	0.0
CP-OFDM QPSK	1	1	17.27	17.46	17.10	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 135 of 336

Table H-136
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.56	17.57	17.58	0	0.0
	1	26	17.54	17.52	17.57		0.0
	1	50	17.46	17.39	17.45		0.0
	25	0	17.49	17.45	17.52	0-0.5	0.0
	25	14	17.50	17.41	17.50	0	0.0
	25	27	17.53	17.48	17.44	0-0.5	0.0
	50	0	17.55	17.45	17.54		0.0
DFT-s-OFDM QPSK	1	1	17.74	17.60	17.77	0	0.0
	1	26	17.67	17.75	17.70		0.0
	1	50	17.65	17.75	17.58		0.0
	25	0	17.54	17.60	17.63	0-1	0.0
	25	14	17.54	17.65	17.62	0	0.0
	25	27	17.53	17.63	17.48	0-1	0.0
	50	0	17.58	17.62	17.50		0.0
DFT-s-OFDM 16QAM	1	1	17.33	17.24	17.44	0-1	0.0
CP-OFDM QPSK	1	1	17.72	17.72	17.66	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 136 of 336

Table H-137
NR Band n25 Ant A Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.50	17.47	17.53	0	0.0
	1	13	17.49	17.55	17.44		0.0
	1	23	17.54	17.52	17.45		0.0
	12	0	17.55	17.51	17.47	0-0.5	0.0
	12	7	17.59	17.63	17.50	0	0.0
	12	13	17.62	17.68	17.45	0-0.5	0.0
	25	0	17.49	17.55	17.52		0.0
DFT-s-OFDM QPSK	1	1	17.59	17.62	17.53	0	0.0
	1	13	17.63	17.68	17.61		0.0
	1	23	17.62	17.65	17.60		0.0
	12	0	17.56	17.69	17.51	0-1	0.0
	12	7	17.65	17.68	17.60	0	0.0
	12	13	17.64	17.72	17.51	0-1	0.0
	25	0	17.59	17.61	17.56		0.0
DFT-s-OFDM 16QAM	1	1	17.51	17.53	17.42	0-1	0.0
CP-OFDM QPSK	1	1	17.34	17.30	17.26	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 137 of 336

Table H-138
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.73	0	0.0
	1	80	20.66		0.0
	1	158	20.82		0.0
	80	0	20.80	0-0.5	0.0
	80	40	20.77	0	0.0
	80	80	20.89	0-0.5	0.0
	160	0	20.86		0.0
DFT-s-OFDM QPSK	1	1	20.98	0	0.0
	1	80	20.82		0.0
	1	158	20.89		0.0
	80	0	20.85	0-1	0.0
	80	40	20.81	0	0.0
	80	80	20.87	0-1	0.0
	160	0	20.91		0.0
DFT-s-OFDM 16QAM	1	1	20.91	0-1	0.0
CP-OFDM QPSK	1	1	20.95	0-1.5	0.0

Note: NR Band n25 at 30 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 138 of 336

Table H-139
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.85	0	0.0
	1	67	20.83		0.0
	1	131	20.98		0.0
	64	0	20.88	0-0.5	0.0
	64	35	20.87	0	0.0
	64	69	20.88	0-0.5	0.0
	128	0	20.86		0.0
DFT-s-OFDM QPSK	1	1	20.96	0	0.0
	1	67	20.72		0.0
	1	131	20.95		0.0
	64	0	20.87	0-1	0.0
	64	35	20.85	0	0.0
	64	69	20.87	0-1	0.0
	128	0	20.93		0.0
DFT-s-OFDM 16QAM	1	1	21.10	0-1	0.0
CP-OFDM QPSK	1	1	20.86	0-1.5	0.0

Note: NR Band n25 at 25 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 139 of 336

Table H-140
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.08	20.81	20.94	0	0.0
	1	53	20.81	20.71	20.83		0.0
	1	104	21.00	20.78	20.98		0.0
	50	0	20.96	20.40	20.84	0-0.5	0.0
	50	28	20.85	20.89	20.87	0	0.0
	50	56	20.88	20.84	20.95	0-0.5	0.0
	100	0	20.90	20.88	20.90		0.0
DFT-s-OFDM QPSK	1	1	21.21	20.96	20.96	0	0.0
	1	53	20.95	20.85	20.98		0.0
	1	104	21.06	20.97	20.96		0.0
	50	0	21.05	20.79	20.84	0-1	0.0
	50	28	20.95	20.84	20.92	0	0.0
	50	56	20.97	20.85	20.94	0-1	0.0
	100	0	20.99	20.88	20.95		0.0
DFT-s-OFDM 16QAM	1	1	21.30	21.15	21.10	0-1	0.0
CP-OFDM QPSK	1	1	21.24	20.73	20.85	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 140 of 336

Table H-141
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.91	20.86	20.83	0	0.0
	1	40	20.95	20.84	20.83		0.0
	1	77	20.92	20.83	20.83		0.0
	36	0	20.94	20.80	20.78	0-0.5	0.0
	36	22	20.93	20.76	20.75	0	0.0
	36	43	20.89	20.74	20.72	0-0.5	0.0
	75	0	20.89	20.76	20.73		0.0
DFT-s-OFDM QPSK	1	1	21.05	20.86	20.72	0	0.0
	1	40	21.03	20.84	20.80		0.0
	1	77	20.99	20.79	20.93		0.0
	36	0	20.99	20.90	20.78	0-1	0.0
	36	22	20.96	20.85	20.81	0	0.0
	36	43	20.92	20.91	20.84	0-1	0.0
	75	0	20.94	20.88	20.87		0.0
DFT-s-OFDM 16QAM	1	1	21.06	21.14	21.08	0-1	0.0
CP-OFDM QPSK	1	1	20.95	20.73	20.60	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 141 of 336

Table H-142
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.07	20.78	20.95	0	0.0
	1	26	20.82	20.75	20.89		0.0
	1	50	20.93	20.77	20.89		0.0
	25	0	20.89	20.85	20.87	0-0.5	0.0
	25	14	20.89	20.85	20.96	0	0.0
	25	27	20.97	20.94	20.95	0-0.5	0.0
	50	0	20.94	20.87	20.96		0.0
DFT-s-OFDM QPSK	1	1	21.04	20.95	20.93	0	0.0
	1	26	21.02	20.88	21.00		0.0
	1	50	20.91	20.92	20.90		0.0
	25	0	20.89	20.87	20.94	0-1	0.0
	25	14	20.93	20.89	20.87	0	0.0
	25	27	20.93	20.96	20.98	0-1	0.0
	50	0	20.97	20.86	20.94		0.0
DFT-s-OFDM 16QAM	1	1	21.17	20.98	21.05	0-1	0.0
CP-OFDM QPSK	1	1	20.96	20.71	20.96	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 142 of 336

Table H-143
NR Band n25 Ant A Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.02	20.69	20.73	0	0.0
	1	13	20.99	20.93	20.82		0.0
	1	23	20.92	20.97	20.80		0.0
	12	0	20.91	20.67	20.75	0-0.5	0.0
	12	7	20.95	20.75	20.82	0	0.0
	12	13	20.96	20.79	20.88	0-0.5	0.0
	25	0	20.95	20.76	20.77		0.0
DFT-s-OFDM QPSK	1	1	20.85	20.70	20.97	0	0.0
	1	13	21.00	20.76	20.96		0.0
	1	23	21.01	20.79	20.92		0.0
	12	0	20.94	20.84	20.82	0-1	0.0
	12	7	21.02	20.87	20.86	0	0.0
	12	13	21.06	20.94	20.85	0-1	0.0
	25	0	21.02	20.88	20.82		0.0
DFT-s-OFDM 16QAM	1	1	21.15	20.95	21.03	0-1	0.0
CP-OFDM QPSK	1	1	20.35	20.75	20.51	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 143 of 336

Table H-144

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.34	0	0.0
	1	80	24.43		0.0
	1	158	24.47		0.0
	80	0	23.91	0-0.5	0.5
	80	40	24.40	0	0.0
	80	80	23.82	0-0.5	0.5
	160	0	23.86		0.5
DFT-s-OFDM QPSK	1	1	24.49	0	0.0
	1	80	24.43		0.0
	1	158	24.41		0.0
	80	0	23.36	0-1	1.0
	80	40	24.19	0	0.0
	80	80	23.39	0-1	1.0
	160	0	23.41		1.0
DFT-s-OFDM 16QAM	1	1	23.13	0-1	1.0
CP-OFDM QPSK	1	1	22.99	0-1.5	1.5

Note: NR Band n25 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 144 of 336

Table H-145

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.04	0	0.0
	1	67	23.92		0.0
	1	131	23.98		0.0
	64	0	23.42	0-0.5	0.5
	64	35	23.93	0	0.0
	64	69	23.46	0-0.5	0.5
	128	0	23.45		0.5
DFT-s-OFDM QPSK	1	1	24.39	0	0.0
	1	67	24.30		0.0
	1	131	24.37		0.0
	64	0	23.35	0-1	1.0
	64	35	24.31	0	0.0
	64	69	23.36	0-1	1.0
	128	0	23.41		1.0
DFT-s-OFDM 16QAM	1	1	23.41	0-1	1.0
CP-OFDM QPSK	1	1	22.84	0-1.5	1.5

Note: NR Band n25 at 25 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 145 of 336

Table H-146

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.24	24.33	24.35	0	0.0
	1	53	24.27	24.35	24.32		0.0
	1	104	24.31	24.25	24.21		0.0
	50	0	23.76	23.88	23.86	0-0.5	0.5
	50	28	24.27	24.33	24.34	0	0.0
	50	56	23.77	23.84	23.84	0-0.5	0.5
	100	0	23.72	23.87	23.82		0.5
DFT-s-OFDM QPSK	1	1	24.39	24.38	24.41	0	0.0
	1	53	24.34	24.34	24.42		0.0
	1	104	24.39	24.21	24.12		0.0
	50	0	23.28	23.40	23.42	0-1	1.0
	50	28	24.26	24.35	24.33	0	0.0
	50	56	23.36	23.32	23.35	0-1	1.0
	100	0	23.31	23.40	23.36		1.0
DFT-s-OFDM 16QAM	1	1	23.23	23.33	23.21	0-1	1.0
CP-OFDM QPSK	1	1	22.88	22.98	22.99	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 146 of 336

Table H-147

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.11	24.47	24.11	0	0.0
	1	40	24.23	24.49	24.12		0.0
	1	77	24.20	24.44	24.15		0.0
	36	0	23.54	23.95	23.44	0-0.5	0.5
	36	22	24.04	24.38	24.06	0	0.0
	36	43	23.59	23.81	23.56	0-0.5	0.5
	75	0	23.57	23.90	23.49		0.5
DFT-s-OFDM QPSK	1	1	24.14	24.46	24.11	0	0.0
	1	40	24.12	24.40	24.07		0.0
	1	77	24.31	24.39	24.17		0.0
	36	0	23.10	23.49	23.05	0-1	1.0
	36	22	24.20	24.44	24.14	0	0.0
	36	43	23.10	23.45	23.14	0-1	1.0
	75	0	23.04	23.50	23.07		1.0
DFT-s-OFDM 16QAM	1	1	23.40	23.41	23.37	0-1	1.0
CP-OFDM QPSK	1	1	22.76	22.98	22.62	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 147 of 336

Table H-148

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.10	24.19	24.04	0	0.0
	1	26	24.07	24.31	24.24		0.0
	1	50	24.08	24.31	24.27		0.0
	25	0	23.45	23.57	23.61	0-0.5	0.5
	25	14	24.03	24.22	24.23	0	0.0
	25	27	23.43	23.62	23.66	0-0.5	0.5
	50	0	23.47	23.60	23.59		0.5
DFT-s-OFDM QPSK	1	1	24.13	24.27	24.22	0	0.0
	1	26	24.08	24.24	24.33		0.0
	1	50	24.06	24.27	24.26		0.0
	25	0	23.00	23.15	23.19	0-1	1.0
	25	14	24.09	24.23	24.25	0	0.0
	25	27	23.05	23.12	23.13	0-1	1.0
	50	0	22.98	23.20	23.15		1.0
DFT-s-OFDM 16QAM	1	1	23.27	23.44	23.31	0-1	1.0
CP-OFDM QPSK	1	1	22.58	22.72	22.73	0-1.5	1.5



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 148 of 336

Table H-149

NR Band n25 Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	24.02	24.31	24.16	0	0.0
	1	13	24.09	24.34	24.26		0.0
	1	23	24.10	24.22	24.24		0.0
	12	0	23.43	23.67	23.55	0-0.5	0.5
	12	7	24.15	24.27	24.27	0	0.0
	12	13	23.50	23.65	23.69	0-0.5	0.5
	25	0	23.41	23.57	23.55		0.5
DFT-s-OFDM QPSK	1	1	24.13	24.31	24.19	0	0.0
	1	13	24.19	24.36	24.33		0.0
	1	23	24.16	24.29	24.23		0.0
	12	0	22.94	23.10	23.03	0-1	1.0
	12	7	24.17	24.28	24.31	0	0.0
	12	13	23.04	23.29	23.12	0-1	1.0
	25	0	22.97	23.16	23.04		1.0
DFT-s-OFDM 16QAM	1	1	23.24	23.28	23.34	0-1	1.0
CP-OFDM QPSK	1	1	22.60	22.77	22.59	0-1.5	1.5


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 149 of 336

Table H-150
NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.67	0	0.0
	1	80	18.56		0.0
	1	158	18.73		0.0
	80	0	18.58	0-0.5	0.0
	80	40	18.69	0	0.0
	80	80	18.66	0-0.5	0.0
	160	0	18.77		0.0
DFT-s-OFDM QPSK	1	1	18.80	0	0.0
	1	80	18.69		0.0
	1	158	18.76		0.0
	80	0	18.67	0-1	0.0
	80	40	18.72	0	0.0
	80	80	18.75	0-1	0.0
	160	0	18.74		0.0
DFT-s-OFDM 16QAM	1	1	18.72	0-1	0.0
CP-OFDM QPSK	1	1	18.91	0-1.5	0.0

Note: NR Band n25 at 30 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 150 of 336

Table H-151
NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.79	0	0.0
	1	67	18.70		0.0
	1	131	18.69		0.0
	64	0	18.64	0-0.5	0.0
	64	35	18.66	0	0.0
	64	69	18.63	0-0.5	0.0
	128	0	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.67	0	0.0
	1	67	18.60		0.0
	1	131	18.77		0.0
	64	0	18.63	0-1	0.0
	64	35	18.67	0	0.0
	64	69	18.69	0-1	0.0
	128	0	18.78		0.0
DFT-s-OFDM 16QAM	1	1	18.92	0-1	0.0
CP-OFDM QPSK	1	1	18.57	0-1.5	0.0

Note: NR Band n25 at 25 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 151 of 336

Table H-152
NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.50	18.76	18.75	0	0.0
	1	53	18.56	18.73	18.59		0.0
	1	104	18.58	18.66	18.43		0.0
	50	0	18.44	18.72	18.61	0-0.5	0.0
	50	28	18.46	18.61	18.64	0	0.0
	50	56	18.56	18.65	18.60	0-0.5	0.0
	100	0	18.54	18.73	18.59		0.0
DFT-s-OFDM QPSK	1	1	18.40	18.71	18.79	0	0.0
	1	53	18.58	18.72	18.54		0.0
	1	104	18.60	18.73	18.49		0.0
	50	0	18.44	18.76	18.65	0-1	0.0
	50	28	18.49	18.75	18.64	0	0.0
	50	56	18.59	18.69	18.61	0-1	0.0
	100	0	18.51	18.75	18.62		0.0
DFT-s-OFDM 16QAM	1	1	18.70	18.85	18.75	0-1	0.0
CP-OFDM QPSK	1	1	18.53	18.56	18.70	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 152 of 336

Table H-153
NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.63	18.82	18.58	0	0.0
	1	40	18.63	18.67	18.63		0.0
	1	77	18.64	18.79	18.60		0.0
	36	0	18.36	18.76	18.65	0-0.5	0.0
	36	22	18.40	18.62	18.59	0	0.0
	36	43	18.46	18.59	18.52	0-0.5	0.0
	75	0	18.52	18.72	18.57		0.0
DFT-s-OFDM QPSK	1	1	18.65	18.89	18.67	0	0.0
	1	40	18.52	18.77	18.60		0.0
	1	77	18.66	18.63	18.57		0.0
	36	0	18.50	18.76	18.65	0-1	0.0
	36	22	18.51	18.73	18.62	0	0.0
	36	43	18.47	18.71	18.53	0-1	0.0
	75	0	18.55	18.75	18.62		0.0
DFT-s-OFDM 16QAM	1	1	18.73	18.89	18.63	0-1	0.0
CP-OFDM QPSK	1	1	18.51	19.00	18.68	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 153 of 336

Table H-154
NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 10 MHz
Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.41	18.75	18.56	0	0.0
	1	26	18.52	18.87	18.67		0.0
	1	50	18.31	18.50	18.68		0.0
	25	0	18.43	18.70	18.57	0-0.5	0.0
	25	14	18.35	18.68	18.63	0	0.0
	25	27	18.49	18.66	18.69	0-0.5	0.0
	50	0	18.41	18.71	18.61		0.0
DFT-s-OFDM QPSK	1	1	18.57	18.70	18.72	0	0.0
	1	26	18.45	18.68	18.86		0.0
	1	50	18.36	18.77	18.65		0.0
	25	0	18.41	18.71	18.54	0-1	0.0
	25	14	18.47	18.76	18.70	0	0.0
	25	27	18.41	18.68	18.66	0-1	0.0
	50	0	18.50	18.72	18.58		0.0
DFT-s-OFDM 16QAM	1	1	18.58	18.96	18.76	0-1	0.0
CP-OFDM QPSK	1	1	18.32	18.81	18.63	0-1.5	0.0




FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 154 of 336

Table H-155

NR Band n25 Ant I Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot mode active) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.40	18.72	18.62	0	0.0
	1	13	18.51	18.62	18.57		0.0
	1	23	18.51	18.50	18.66		0.0
	12	0	18.50	18.73	18.73	0-0.5	0.0
	12	7	18.59	18.78	18.62	0	0.0
	12	13	18.50	18.65	18.72	0-0.5	0.0
	25	0	18.45	18.67	18.59		0.0
DFT-s-OFDM QPSK	1	1	18.48	18.69	18.85	0	0.0
	1	13	18.57	18.69	18.77		0.0
	1	23	18.44	18.86	18.69		0.0
	12	0	18.43	18.76	18.56	0-1	0.0
	12	7	18.62	18.80	18.80	0	0.0
	12	13	18.54	18.70	18.77	0-1	0.0
	25	0	18.53	18.75	18.75		0.0
DFT-s-OFDM 16QAM	1	1	18.60	18.76	18.82	0-1	0.0
CP-OFDM QPSK	1	1	18.41	18.75	18.65	0-1.5	0.0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 155 of 336

H.2.6 NR Band n30

Table H-156
NR Band n30 Measured P_{Max} for DSI = 2 (Head) or DSI = 0 (Body-worn, or Phablet with grip sensor inactive) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.37	0	0.0
	1	13	22.39		0.0
	1	23	22.24		0.0
	12	0	21.84	0-0.5	0.5
	12	7	22.37	0	0.0
	12	13	21.86	0-0.5	0.5
	25	0	21.87		0.5
DFT-s-OFDM QPSK	1	1	22.51	0	0.0
	1	13	22.55		0.0
	1	23	22.56		0.0
	12	0	21.46	0-1	1.0
	12	7	22.49	0	0.0
	12	13	21.51	0-1	1.0
	25	0	21.46		1.0
DFT-s-OFDM 16QAM	1	1	21.29	0-1	1.0
CP-OFDM QPSK	1	1	20.92	0-1.5	1.5

Note: NR Band n30 at 5 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 156 of 336

Table H-157
NR Band n30 Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.77	0	0.0
	1	13	17.78		0.0
	1	23	17.75		0.0
	12	0	17.74	0-0.5	0.0
	12	7	17.79	0	0.0
	12	13	17.76	0-0.5	0.0
	25	0	17.74		0.0
DFT-s-OFDM QPSK	1	1	17.77	0	0.0
	1	13	17.78		0.0
	1	23	17.79		0.0
	12	0	17.74	0-1	0.0
	12	7	17.77	0	0.0
	12	13	17.78	0-1	0.0
	25	0	17.77		0.0
DFT-s-OFDM 16QAM	1	1	17.76	0-1	0.0
CP-OFDM QPSK	1	1	17.80	0-1.5	0.0

Note: NR Band n30 at 5 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset	APPENDIX H: Page 157 of 336	

Table H-158
NR Band n30 Measured P_{Limit} for DSI = 1 (Phablet with Grip Sensor Active) and/or DSI = 4 (Earjack Active)
- 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	20.91	0	0.0
	1	13	20.94		0.0
	1	23	20.97		0.0
	12	0	21.03	0-0.5	0.0
	12	7	21.02	0	0.0
	12	13	20.94	0-0.5	0.0
	25	0	20.90		0.0
DFT-s-OFDM QPSK	1	1	21.01	0	0.0
	1	13	21.08		0.0
	1	23	21.02		0.0
	12	0	20.93	0-1	0.0
	12	7	21.01	0	0.0
	12	13	20.97	0-1	0.0
	25	0	20.99		0.0
DFT-s-OFDM 16QAM	1	1	20.79	0-1	0.0
CP-OFDM QPSK	1	1	20.96	0-1.5	0.0

Note: NR Band n30 at 5 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 158 of 336

H.2.7

NR Band n41

Table H-159

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.26	21.69	0	0.0
	1	123	21.67	21.41		0.0
	1	243	21.44	21.04		0.0
	120	0	21.63	21.52	0-0.5	0.0
	120	63	21.73	21.44	0	0.0
	120	125	21.68	21.06	0-0.5	0.0
	243	0	21.69	21.42		0.0
DFT-s-OFDM QPSK	1	1	21.48	21.75	0	0.0
	1	123	21.69	21.49		0.0
	1	243	21.66	20.82		0.0
	120	0	21.60	21.16	0-1	0.0
	120	63	21.70	21.47	0	0.0
	120	125	21.65	20.80	0-1	0.0
	243	0	21.70	20.83		0.0
DFT-s-OFDM 16QAM	1	1	21.11	20.90	0-1	0.0
CP-OFDM QPSK	1	1	20.90	21.07	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 159 of 336

Table H-160

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.58	21.32	0	0.0
	1	109	21.84	21.19		0.0
	1	215	21.79	21.00		0.0
	108	0	21.78	21.28	0-0.5	0.0
	108	55	21.85	21.20	0	0.0
	108	109	21.82	21.16	0-0.5	0.0
	216	0	21.76	21.29		0.0
DFT-s-OFDM QPSK	1	1	21.00	21.35	0	0.0
	1	109	21.90	21.32		0.0
	1	215	21.81	20.53		0.0
	108	0	21.25	21.33	0-1	0.0
	108	55	21.89	21.31	0	0.0
	108	109	21.81	20.43	0-1	0.0
	216	0	21.73	20.62		0.0
DFT-s-OFDM 16QAM	1	1	21.02	21.37	0-1	0.0
CP-OFDM QPSK	1	1	21.00	21.13	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 160 of 336

Table H-161

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.74	21.90	21.33	0	0.0
	1	81	21.83	21.82	21.18		0.0
	1	160	21.87	21.50	21.17		0.0
	81	0	21.91	21.95	21.38	0-0.5	0.0
	81	41	21.85	21.87	21.32	0	0.0
	81	81	21.90	21.84	21.26	0-0.5	0.0
	162	0	21.92	21.93	21.40		0.0
DFT-s-OFDM QPSK	1	1	21.00	21.90	21.49	0	0.0
	1	81	21.94	21.94	21.39		0.0
	1	160	21.95	21.43	20.90		0.0
	81	0	21.10	21.95	21.50	0-1	0.0
	81	41	21.97	21.90	21.48	0	0.0
	81	81	21.96	21.10	20.52	0-1	0.0
	162	0	21.62	21.63	20.90		0.0
DFT-s-OFDM 16QAM	1	1	21.16	21.80	21.31	0-1	0.0
CP-OFDM QPSK	1	1	21.37	21.55	21.30	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 161 of 336

Table H-162

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.70	21.67	21.52	0	0.0
	1	67	21.95	21.59	21.30		0.0
	1	131	21.92	21.50	21.27		0.0
	64	0	21.87	21.69	21.50	0-0.5	0.0
	64	35	21.97	21.64	21.44	0	0.0
	64	69	21.99	21.65	20.61	0-0.5	0.0
	128	0	21.92	21.73	21.50		0.0
DFT-s-OFDM QPSK	1	1	21.36	21.85	21.54	0	0.0
	1	67	22.00	21.71	21.01		0.0
	1	131	21.99	21.45	20.58		0.0
	64	0	21.36	21.80	21.10	0-1	0.0
	64	35	21.98	21.73	21.00	0	0.0
	64	69	21.95	21.16	20.54	0-1	0.0
	128	0	21.52	21.78	21.00		0.0
DFT-s-OFDM 16QAM	1	1	21.20	21.40	21.19	0-1	0.0
CP-OFDM QPSK	1	1	21.40	21.50	21.40	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 162 of 336

Table H-163

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.75	21.93	21.97	21.43	0	0.0
	1	53	21.88	21.98	21.93	21.33		0.0
	1	104	21.93	21.99	21.84	21.20		0.0
	50	0	21.83	21.98	21.95	21.13	0-0.5	0.0
	50	28	21.95	21.95	21.90	21.08	0	0.0
	50	56	21.98	21.94	21.85	21.09	0-0.5	0.0
100	0	21.97	21.93	21.89	21.23	0.0		
DFT-s-OFDM QPSK	1	1	21.05	21.93	21.36	21.44	0	0.0
	1	53	21.95	21.98	21.90	21.24		0.0
	1	104	21.98	21.97	21.63	20.80		0.0
	50	0	21.10	21.96	21.01	21.28	0-1	0.0
	50	28	21.97	21.90	21.81	21.01	0	0.0
	50	56	21.38	21.93	21.26	20.55	0-1	0.0
100	0	21.20	21.93	21.10	20.60	0.0		
DFT-s-OFDM 16QAM	1	1	20.98	21.99	21.85	21.40	0-1	0.0
CP-OFDM QPSK	1	1	21.02	21.96	21.00	20.93	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 163 of 336

Table H-164

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.43	21.95	21.87	21.60	21.47	0	0.0
	1	39	21.46	21.84	21.85	21.43	21.20		0.0
	1	76	21.72	21.99	22.00	21.47	20.92		0.0
	36	0	21.50	21.95	22.00	21.56	21.02	0-0.5	0.0
	36	21	21.42	21.80	21.95	21.50	20.96	0	0.0
	36	42	21.84	21.89	21.96	21.50	21.08	0-0.5	0.0
	75	0	21.79	21.96	21.92	21.56	21.17		0.0
DFT-s-OFDM QPSK	1	1	21.00	21.99	21.99	21.75	21.43	0	0.0
	1	39	21.85	21.91	21.97	21.61	21.02		0.0
	1	76	21.76	21.98	21.58	21.65	20.78		0.0
	36	0	21.11	21.97	21.87	21.51	20.67	0-1	0.0
	36	21	21.80	21.88	21.94	21.58	21.00	0	0.0
	36	42	21.25	21.91	21.70	21.59	20.51	0-1	0.0
	75	0	21.20	21.91	21.59	21.60	20.60		0.0
DFT-s-OFDM 16QAM	1	1	21.26	21.82	21.73	21.39	20.74	0-1	0.0
CP-OFDM QPSK	1	1	21.30	21.85	21.82	21.45	20.70	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 164 of 336

Table H-165

NR Band n41 PC2 Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.47	21.88	21.63	21.54	21.30	0	0.0
	1	26	21.70	21.84	21.52	21.43	21.17		0.0
	1	49	21.93	21.87	21.63	21.47	21.31		0.0
	25	0	21.65	21.85	21.64	21.53	21.02	0-0.5	0.0
	25	13	21.80	21.87	21.65	21.51	21.27	0	0.0
	25	26	21.78	21.95	21.60	21.54	21.00	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	21.00	22.00	21.75	21.63	21.25	0	0.0
	1	26	21.80	21.84	21.63	21.48	21.14		0.0
	1	49	21.57	21.94	21.69	21.51	21.27		0.0
	25	0	21.20	21.89	21.73	21.50	20.66	0-1	0.0
	25	13	21.65	21.87	21.70	21.53	21.20	0	0.0
	25	26	21.18	21.99	21.71	21.52	20.36	0-1	0.0
DFT-s-OFDM 16QAM	1	1	20.95	21.79	21.45	21.35	20.42	0-1	0.0
CP-OFDM QPSK	1	1	20.99	21.80	21.50	21.38	20.63	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 165 of 336

Table H-166

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.25	19.26	0	0.0
	1	123	19.92	19.23		0.0
	1	243	19.56	18.81		0.0
	120	0	19.78	19.37	0-0.5	0.0
	120	63	19.85	19.30	0	0.0
	120	125	19.68	19.17	0-0.5	0.0
	243	0	19.75	19.33		0.0
DFT-s-OFDM QPSK	1	1	19.40	19.43	0	0.0
	1	123	19.83	19.22		0.0
	1	243	19.46	18.95		0.0
	120	0	19.75	19.41	0-1	0.0
	120	63	19.78	19.27	0	0.0
	120	125	19.71	19.20	0-1	0.0
	243	0	19.73	19.28		0.0
DFT-s-OFDM 16QAM	1	1	19.81	19.75	0-1	0.0
CP-OFDM QPSK	1	1	19.32	19.31	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 166 of 336

Table H-167

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.44	19.32	0	0.0
	1	109	19.75	19.14		0.0
	1	215	19.38	18.78		0.0
	108	0	19.67	19.25	0-0.5	0.0
	108	55	19.78	19.29	0	0.0
	108	109	19.66	19.26	0-0.5	0.0
	216	0	19.66	19.34		0.0
DFT-s-OFDM QPSK	1	1	19.43	19.49	0	0.0
	1	109	19.81	19.23		0.0
	1	215	19.55	18.97		0.0
	108	0	19.78	19.35	0-1	0.0
	108	55	19.79	19.28	0	0.0
	108	109	19.73	19.17	0-1	0.0
	216	0	19.68	19.27		0.0
DFT-s-OFDM 16QAM	1	1	19.75	19.75	0-1	0.0
CP-OFDM QPSK	1	1	19.45	19.23	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 167 of 336

Table H-168

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.46	19.75	19.51	0	0.0
	1	81	19.86	19.63	19.40		0.0
	1	160	19.85	19.51	19.28		0.0
	81	0	19.75	19.86	19.57	0-0.5	0.0
	81	41	19.92	19.88	19.55	0	0.0
	81	81	20.00	19.82	19.49	0-0.5	0.0
	162	0	19.97	19.82	19.52		0.0
DFT-s-OFDM QPSK	1	1	19.69	19.93	19.70	0	0.0
	1	81	19.96	19.85	19.55		0.0
	1	160	19.93	19.53	19.38		0.0
	81	0	19.90	19.91	19.61	0-1	0.0
	81	41	19.99	19.85	19.47	0	0.0
	81	81	20.00	19.83	19.45	0-1	0.0
	162	0	19.95	19.85	19.55		0.0
DFT-s-OFDM 16QAM	1	1	19.99	20.00	19.90	0-1	0.0
CP-OFDM QPSK	1	1	19.74	19.85	19.63	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 168 of 336

Table H-169

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.54	19.78	19.40	0	0.0
	1	67	19.80	19.63	19.19		0.0
	1	131	19.95	19.51	19.31		0.0
	64	0	19.72	19.70	19.34	0-0.5	0.0
	64	35	19.91	19.69	19.29	0	0.0
	64	69	19.94	19.67	19.21	0-0.5	0.0
	128	0	19.80	19.69	19.30		0.0
DFT-s-OFDM QPSK	1	1	19.79	19.91	19.43	0	0.0
	1	67	19.98	19.67	19.35		0.0
	1	131	19.96	19.52	19.33		0.0
	64	0	19.85	19.79	19.41	0-1	0.0
	64	35	19.97	19.77	19.33	0	0.0
	64	69	20.00	19.71	19.30	0-1	0.0
	128	0	19.91	19.75	19.30		0.0
DFT-s-OFDM 16QAM	1	1	20.00	20.00	19.80	0-1	0.0
CP-OFDM QPSK	1	1	19.82	19.88	19.41	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 169 of 336

Table H-170

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.75	19.95	19.75	19.39	0	0.0
	1	53	19.96	19.77	19.56	19.29		0.0
	1	104	19.99	19.86	19.63	19.28		0.0
	50	0	19.97	20.00	19.72	19.43	0-0.5	0.0
	50	28	19.97	19.82	19.61	19.32	0	0.0
	50	56	20.00	19.79	19.58	19.31	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	19.99	19.91	19.66	19.31	0-0.5	0.0
	1	1	19.90	20.00	19.93	19.57	0	0.0
	1	53	20.00	19.86	19.65	19.22		0.0
	1	104	19.96	19.96	19.65	19.37		0.0
	50	0	19.99	20.00	19.67	19.34	0-1	0.0
	50	28	19.97	19.87	19.58	19.28	0	0.0
50	56	20.00	19.93	19.63	19.30	0-1	0.0	
DFT-s-OFDM 16QAM	100	0	19.98	19.97	19.67	19.36	0-1	0.0
	1	1	20.00	20.00	20.00	19.83	0-1	0.0
CP-OFDM QPSK	1	1	19.82	20.00	19.84	19.50	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 170 of 336

Table H-171

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.70	19.99	19.73	19.32	19.10	0	0.0
	1	39	19.91	19.90	19.75	19.18	19.02		0.0
	1	76	19.99	19.97	19.80	19.24	19.09		0.0
	36	0	19.84	19.99	19.80	19.23	19.15	0-0.5	0.0
	36	21	19.87	19.93	19.75	19.26	19.07	0	0.0
	36	42	20.00	19.94	19.81	19.28	19.09	0-0.5	0.0
	75	0	19.97	19.95	19.79	19.28	19.07		0.0
DFT-s-OFDM QPSK	1	1	19.90	19.99	19.93	19.53	19.32	0	0.0
	1	39	19.90	19.99	19.38	19.37	19.19		0.0
	1	76	19.96	19.96	19.61	19.37	19.32		0.0
	36	0	19.90	20.00	19.57	19.37	19.21	0-1	0.0
	36	21	19.93	19.90	19.46	19.32	19.15	0	0.0
	36	42	19.99	19.96	19.49	19.33	19.10	0-1	0.0
	75	0	19.96	19.99	19.49	19.32	19.17		0.0
DFT-s-OFDM 16QAM	1	1	20.00	20.00	19.83	19.74	19.56	0-1	0.0
CP-OFDM QPSK	1	1	19.80	19.98	19.81	19.75	19.34	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 171 of 336

Table H-172

NR Band n41 PC2 Measured P_{Limit} for DSI = 2 (Head) or DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.57	19.71	19.44	19.36	19.07	0	0.0
	1	26	19.65	19.53	19.30	19.25	18.84		0.0
	1	49	19.80	19.70	19.42	19.20	18.98		0.0
	25	0	19.67	19.78	19.53	19.41	19.09	0-0.5	0.0
	25	13	19.76	19.75	19.53	19.36	19.04	0	0.0
	25	26	19.79	19.72	19.48	19.29	19.01	0-0.5	0.0
DFT-s-OFDM QPSK	50	0	19.78	19.74	19.53	19.33	19.10		0.0
	1	1	19.80	19.91	19.65	19.59	19.35	0	0.0
	1	26	19.77	19.78	19.41	19.39	19.14		0.0
	1	49	19.91	19.81	19.55	19.40	19.13		0.0
	25	0	19.71	19.79	19.67	19.37	19.09	0-1	0.0
	25	13	19.71	19.79	19.52	19.41	19.07	0	0.0
25	26	19.83	19.72	19.57	19.28	19.06	0-1	0.0	
DFT-s-OFDM 16QAM	50	0	19.78	19.76	19.63	19.32	19.09		0.0
CP-OFDM QPSK	1	1	19.99	20.00	19.83	19.69	19.33	0-1	0.0
	1	1	19.82	19.99	19.77	19.75	19.42	0-1.5	0.0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 172 of 336

H.2.8 NR Band n77 DOD Band

Table H-173

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.55	0	0.0
	1	123	18.88		0.0
	1	243	18.64		0.0
	120	0	18.72	0-0.5	0.0
	120	63	18.83	0	0.0
	120	125	18.77	0-0.5	0.0
	243	0	18.79		0.0
DFT-s-OFDM QPSK	1	1	18.63	0	0.0
	1	123	18.93		0.0
	1	243	18.74		0.0
	120	0	18.72	0-1	0.0
	120	63	18.85	0	0.0
	120	125	18.77	0-1	0.0
	243	0	18.80		0.0
DFT-s-OFDM 16QAM	1	1	18.46	0-1	0.0
CP-OFDM QPSK	1	1	18.40	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 173 of 336

Table H-174

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.62	0	0.0
	1	109	18.87		0.0
	1	215	18.71		0.0
	108	0	18.70	0-0.5	0.0
	108	55	18.85	0	0.0
	108	109	18.79	0-0.5	0.0
	216	0	18.77		0.0
DFT-s-OFDM QPSK	1	1	18.63	0	0.0
	1	109	18.90		0.0
	1	215	18.73		0.0
	108	0	18.68	0-1	0.0
	108	55	18.86	0	0.0
	108	109	18.79	0-1	0.0
	216	0	18.79		0.0
DFT-s-OFDM 16QAM	1	1	18.54	0-1	0.0
CP-OFDM QPSK	1	1	18.50	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 174 of 336

Table H-175

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.63	0	0.0
	1	95	18.88		0.0
	1	187	18.81		0.0
	90	0	18.72	0-0.5	0.0
	90	50	18.87	0	0.0
	90	99	18.84	0-0.5	0.0
	180	0	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.63	0	0.0
	1	95	18.93		0.0
	1	187	18.83		0.0
	90	0	18.73	0-1	0.0
	90	50	18.87	0	0.0
	90	99	18.83	0-1	0.0
	180	0	18.70		0.0
DFT-s-OFDM 16QAM	1	1	18.56	0-1	0.0
CP-OFDM QPSK	1	1	18.46	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 175 of 336

Table H-176

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.67	0	0.0
	1	81	18.89		0.0
	1	160	18.87		0.0
	81	0	18.71	0-0.5	0.0
	81	41	18.87	0	0.0
	81	81	18.83	0-0.5	0.0
	162	0	18.84		0.0
DFT-s-OFDM QPSK	1	1	18.78	0	0.0
	1	81	18.92		0.0
	1	160	18.92		0.0
	81	0	18.72	0-1	0.0
	81	41	18.88	0	0.0
	81	81	18.83	0-1	0.0
	162	0	18.85		0.0
DFT-s-OFDM 16QAM	1	1	18.68	0-1	0.0
CP-OFDM QPSK	1	1	18.60	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 176 of 336

Table H-177

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.92	19.03	0	0.0
	1	67	18.97	19.01		0.0
	1	131	19.15	19.11		0.0
	64	0	18.90	19.02	0-0.5	0.0
	64	35	18.99	19.04	0	0.0
	64	69	19.00	19.10	0-0.5	0.0
	128	0	19.00	19.02		0.0
DFT-s-OFDM QPSK	1	1	19.02	19.17	0	0.0
	1	67	19.04	19.08		0.0
	1	131	19.24	19.16		0.0
	64	0	18.91	18.97	0-1	0.0
	64	35	19.00	19.01	0	0.0
	64	69	19.00	19.08	0-1	0.0
	128	0	19.01	19.02		0.0
DFT-s-OFDM 16QAM	1	1	18.91	19.03	0-1	0.0
CP-OFDM QPSK	1	1	18.88	18.95	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 177 of 336

Table H-178

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.10	19.20	0	0.0
	1	53	19.11	19.21		0.0
	1	104	19.27	19.31		0.0
	50	0	19.02	19.09	0-0.5	0.0
	50	28	19.09	19.17	0	0.0
	50	56	19.11	19.20	0-0.5	0.0
	100	0	19.14	19.23		0.0
DFT-s-OFDM QPSK	1	1	19.26	19.28	0	0.0
	1	53	19.17	19.24		0.0
	1	104	19.37	19.38		0.0
	50	0	19.01	19.10	0-1	0.0
	50	28	19.10	19.20	0	0.0
	50	56	19.14	19.24	0-1	0.0
	100	0	19.16	19.23		0.0
DFT-s-OFDM 16QAM	1	1	19.03	19.09	0-1	0.0
CP-OFDM QPSK	1	1	19.22	19.29	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 178 of 336

Table H-179

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.10	19.00	18.98	0	0.0
	1	39	19.03	19.04	19.03		0.0
	1	76	19.22	19.05	19.08		0.0
	36	0	19.00	18.92	19.05	0-0.5	0.0
	36	21	18.99	19.04	19.03	0	0.0
	36	42	19.12	19.05	19.05	0-0.5	0.0
	75	0	19.06	19.16	19.07		0.0
DFT-s-OFDM QPSK	1	1	19.22	19.08	19.08	0	0.0
	1	39	19.08	19.15	19.11		0.0
	1	76	19.19	19.22	19.13		0.0
	36	0	18.97	18.99	19.06	0-1	0.0
	36	21	18.92	19.08	19.07	0	0.0
	36	42	19.00	19.07	19.07	0-1	0.0
	75	0	18.90	19.09	19.09		0.0
DFT-s-OFDM 16QAM	1	1	18.92	19.14	19.19	0-1	0.0
CP-OFDM QPSK	1	1	19.04	18.89	18.92	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 179 of 336

Table H-180

NR Band n77 DOD Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.99	19.01	19.03	0	0.0
	1	26	18.90	19.00	19.05		0.0
	1	49	18.97	19.06	19.03		0.0
	25	0	18.94	19.01	18.96	0-0.5	0.0
	25	13	18.90	18.98	19.04	0	0.0
	25	26	18.91	18.98	19.06	0-0.5	0.0
	50	0	18.92	18.98	19.09		0.0
DFT-s-OFDM QPSK	1	1	19.14	19.09	19.14	0	0.0
	1	26	18.96	19.02	19.08		0.0
	1	49	18.97	19.16	19.11		0.0
	25	0	18.97	19.01	19.00	0-1	0.0
	25	13	18.90	18.96	19.03	0	0.0
	25	26	18.91	18.97	19.03	0-1	0.0
	50	0	18.94	18.96	19.06		0.0
DFT-s-OFDM 16QAM	1	1	19.20	19.20	19.22	0-1	0.0
CP-OFDM QPSK	1	1	18.94	18.93	18.94	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 180 of 336

Table H-181
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			633334 (3500.01 MHz) Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.44	0	0.0	
	1	123	17.48		0.0	
	1	243	17.38		0.0	
	120	0	17.47	0-0.5	0.0	
	120	63	17.51	0	0.0	
	120	125	17.41		0.0	
	243	0	17.48		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	17.51	0	0.0	
	1	123	17.50		0.0	
	1	243	17.48		0.0	
	120	0	17.46	0-1	0.0	
	120	63	17.48	0	0.0	
	120	125	17.40		0-1	0.0
	243	0	17.45		0-1	0.0
DFT-s-OFDM 16QAM	1	1	17.51	0-1	0.0	
CP-OFDM QPSK	1	1	17.38	0-1.5	0.0	

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 181 of 336

Table H-182
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.40	0	0.0
	1	109	17.49		0.0
	1	215	17.38		0.0
	108	0	17.47	0-0.5	0.0
	108	55	17.53	0	0.0
	108	109	17.46	0-0.5	0.0
	216	0	17.49		0.0
DFT-s-OFDM QPSK	1	1	17.49	0	0.0
	1	109	17.50		0.0
	1	215	17.43		0.0
	108	0	17.46	0-1	0.0
	108	55	17.53	0	0.0
	108	109	17.45	0-1	0.0
	216	0	17.51		0.0
DFT-s-OFDM 16QAM	1	1	17.51	0-1	0.0
CP-OFDM QPSK	1	1	17.41	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 182 of 336

Table H-183
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.41	0	0.0
	1	95	17.52		0.0
	1	187	17.46		0.0
	90	0	17.48	0-0.5	0.0
	90	50	17.58	0	0.0
	90	99	17.51	0-0.5	0.0
	180	0	17.56		0.0
DFT-s-OFDM QPSK	1	1	17.55	0	0.0
	1	95	17.63		0.0
	1	187	17.62		0.0
	90	0	17.51	0-1	0.0
	90	50	17.59	0	0.0
	90	99	17.51	0-1	0.0
	180	0	17.54		0.0
DFT-s-OFDM 16QAM	1	1	17.56	0-1	0.0
CP-OFDM QPSK	1	1	17.45	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 183 of 336

Table H-184
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.50	0	0.0
	1	81	17.56		0.0
	1	160	17.57		0.0
	81	0	17.47	0-0.5	0.0
	81	41	17.56	0	0.0
	81	81	17.53	0-0.5	0.0
	162	0	17.51		0.0
DFT-s-OFDM QPSK	1	1	17.49	0	0.0
	1	81	17.54		0.0
	1	160	17.58		0.0
	81	0	17.46	0-1	0.0
	81	41	17.54	0	0.0
	81	81	17.49	0-1	0.0
	162	0	17.50		0.0
DFT-s-OFDM 16QAM	1	1	17.61	0-1	0.0
CP-OFDM QPSK	1	1	17.48	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 184 of 336

Table H-185
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.71	17.73	0	0.0
	1	67	17.70	17.70		0.0
	1	131	17.76	17.69		0.0
	64	0	17.67	17.71	0-0.5	0.0
	64	35	17.76	17.69	0	0.0
	64	69	17.72	17.75	0-0.5	0.0
	128	0	17.75	17.67		0.0
DFT-s-OFDM QPSK	1	1	17.77	17.78	0	0.0
	1	67	17.70	17.70		0.0
	1	131	17.79	17.78		0.0
	64	0	17.68	17.69	0-1	0.0
	64	35	17.71	17.66	0	0.0
	64	69	17.70	17.71	0-1	0.0
	128	0	17.74	17.67		0.0
DFT-s-OFDM 16QAM	1	1	17.80	17.84	0-1	0.0
CP-OFDM QPSK	1	1	17.74	17.70	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 185 of 336

Table H-186
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.87	17.88	0	0.0
	1	53	17.87	17.89		0.0
	1	104	17.97	17.97		0.0
	50	0	17.82	17.84	0-0.5	0.0
	50	28	17.88	17.93	0	0.0
	50	56	17.91	17.91	0-0.5	0.0
	100	0	17.91	17.92		0.0
DFT-s-OFDM QPSK	1	1	17.96	17.96	0	0.0
	1	53	17.89	17.89		0.0
	1	104	18.00	18.05		0.0
	50	0	17.83	17.84	0-1	0.0
	50	28	17.91	17.92	0	0.0
	50	56	17.94	17.94	0-1	0.0
	100	0	17.94	17.91		0.0
DFT-s-OFDM 16QAM	1	1	18.18	18.19	0-1	0.0
CP-OFDM QPSK	1	1	17.88	17.88	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 186 of 336

Table H-187
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.89	17.88	17.92	0	0.0
	1	39	17.84	17.85	17.87		0.0
	1	76	17.94	17.81	17.94		0.0
	36	0	17.85	17.79	17.92	0-0.5	0.0
	36	21	17.83	17.85	17.87	0	0.0
	36	42	17.94	17.87	17.88	0-0.5	0.0
	75	0	17.88	17.81	17.90		0.0
DFT-s-OFDM QPSK	1	1	17.91	17.86	18.00	0	0.0
	1	39	17.84	17.87	17.87		0.0
	1	76	18.01	17.83	17.95		0.0
	36	0	17.87	17.79	17.90	0-1	0.0
	36	21	17.85	17.86	17.89	0	0.0
	36	42	17.94	17.77	17.88	0-1	0.0
	75	0	17.82	17.87	17.90		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.90	18.28	0-1	0.0
CP-OFDM QPSK	1	1	17.85	17.78	17.92	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 187 of 336

Table H-188
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.90	17.87	17.82	0	0.0
	1	26	17.77	17.75	17.81		0.0
	1	49	17.83	17.78	17.87		0.0
	25	0	17.87	17.84	17.87	0-0.5	0.0
	25	13	17.83	17.78	17.84	0	0.0
	25	26	17.84	17.80	17.88	0-0.5	0.0
	50	0	17.86	17.83	17.87		0.0
DFT-s-OFDM QPSK	1	1	17.96	17.93	17.87	0	0.0
	1	26	17.84	17.78	17.82		0.0
	1	49	17.86	17.86	17.87		0.0
	25	0	17.87	17.81	17.85	0-1	0.0
	25	13	17.82	17.79	17.82	0	0.0
	25	26	17.81	17.77	17.85	0-1	0.0
	50	0	17.84	17.82	17.86		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.91	18.19	0-1	0.0
CP-OFDM QPSK	1	1	17.91	17.79	17.82	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 188 of 336

Table H-189
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)	Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.73	0	0.0	
	1	123	14.83		0.0	
	1	243	14.64		0.0	
	120	0	14.65	0-0.5	0.0	
	120	63	14.76	0	0.0	
	120	125	14.74		0.0	
	243	0	14.69		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	14.52	0	0.0	
	1	123	14.74		0.0	
	1	243	14.63		0.0	
	120	0	14.67	0-1	0.0	
	120	63	14.80	0	0.0	
	120	125	14.82		0-1	0.0
	243	0	14.73		0-1	0.0
DFT-s-OFDM 16QAM	1	1	14.57	0-1	0.0	
CP-OFDM QPSK	1	1	14.61	0-1.5	0.0	

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 189 of 336

Table H-190
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.56	0	0.0
	1	109	14.74		0.0
	1	215	14.64		0.0
	108	0	14.63	0-0.5	0.0
	108	55	14.74	0	0.0
	108	109	14.78	0-0.5	0.0
	216	0	14.69		0.0
DFT-s-OFDM QPSK	1	1	14.51	0	0.0
	1	109	14.76		0.0
	1	215	14.67		0.0
	108	0	14.68	0-1	0.0
	108	55	14.80	0	0.0
	108	109	14.80	0-1	0.0
	216	0	14.72		0.0
DFT-s-OFDM 16QAM	1	1	14.53	0-1	0.0
CP-OFDM QPSK	1	1	14.59	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 190 of 336

Table H-191
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.53	0	0.0
	1	95	14.75		0.0
	1	187	14.67		0.0
	90	0	14.62	0-0.5	0.0
	90	50	14.75	0	0.0
	90	99	14.77	0-0.5	0.0
	180	0	14.71		0.0
DFT-s-OFDM QPSK	1	1	14.62	0	0.0
	1	95	14.84		0.0
	1	187	14.73		0.0
	90	0	14.73	0-1	0.0
	90	50	14.84	0	0.0
	90	99	14.87	0-1	0.0
	180	0	14.78		0.0
DFT-s-OFDM 16QAM	1	1	14.61	0-1	0.0
CP-OFDM QPSK	1	1	14.61	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 191 of 336

Table H-192
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.54	0	0.0
	1	81	14.77		0.0
	1	160	14.75		0.0
	81	0	14.65	0-0.5	0.0
	81	41	14.79	0	0.0
	81	81	14.78		0.0
	162	0	14.73		0-0.5
DFT-s-OFDM QPSK	1	1	14.54	0	0.0
	1	81	14.77		0.0
	1	160	14.76		0.0
	81	0	14.71	0-1	0.0
	81	41	14.84	0	0.0
	81	81	14.84		0.0
	162	0	14.75		0-1
DFT-s-OFDM 16QAM	1	1	14.63	0-1	0.0
CP-OFDM QPSK	1	1	14.61	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 192 of 336

Table H-193
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.92	14.94	0	0.0
	1	67	14.95	14.97		0.0
	1	131	15.10	15.04		0.0
	64	0	14.95	14.94	0-0.5	0.0
	64	35	15.01	14.99	0	0.0
	64	69	15.04	14.99	0-0.5	0.0
	128	0	15.05	14.96		0.0
DFT-s-OFDM QPSK	1	1	15.02	15.07	0	0.0
	1	67	15.02	15.08		0.0
	1	131	15.18	15.14		0.0
	64	0	14.90	14.99	0-1	0.0
	64	35	14.97	15.05	0	0.0
	64	69	15.03	15.06	0-1	0.0
	128	0	14.97	15.04		0.0
DFT-s-OFDM 16QAM	1	1	14.95	15.05	0-1	0.0
CP-OFDM QPSK	1	1	14.86	14.95	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 193 of 336

Table H-194
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.01	15.11	0	0.0
	1	53	15.04	15.14		0.0
	1	104	15.26	15.30		0.0
	50	0	14.99	15.09	0-0.5	0.0
	50	28	15.01	15.14	0	0.0
	50	56	15.12	15.20	0-0.5	0.0
	100	0	15.04	15.15		0.0
DFT-s-OFDM QPSK	1	1	15.18	15.26	0	0.0
	1	53	15.13	15.25		0.0
	1	104	15.37	15.41		0.0
	50	0	15.02	15.15	0-1	0.0
	50	28	15.05	15.19	0	0.0
	50	56	15.13	15.26	0-1	0.0
	100	0	15.10	15.22		0.0
DFT-s-OFDM 16QAM	1	1	15.07	15.22	0-1	0.0
CP-OFDM QPSK	1	1	15.02	15.16	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 194 of 336

Table H-195
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.13	15.13	15.18	0	0.0
	1	39	15.10	15.18	15.20		0.0
	1	76	15.19	15.20	15.24		0.0
	36	0	15.05	15.13	15.17	0-0.5	0.0
	36	21	15.08	15.13	15.17	0	0.0
	36	42	15.14	15.20	15.22	0-0.5	0.0
	75	0	15.10	15.17	15.20		0.0
DFT-s-OFDM QPSK	1	1	15.21	15.14	15.30	0	0.0
	1	39	15.18	15.20	15.28		0.0
	1	76	15.29	15.24	15.39		0.0
	36	0	15.09	15.18	15.20	0-1	0.0
	36	21	15.11	15.21	15.22	0	0.0
	36	42	15.18	15.23	15.27	0-1	0.0
	75	0	15.15	15.21	15.24		0.0
DFT-s-OFDM 16QAM	1	1	15.18	15.20	15.27	0-1	0.0
CP-OFDM QPSK	1	1	15.09	15.13	15.18	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 195 of 336

Table H-196
NR Band n77 DOD Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.15	15.12	15.20	0	0.0
	1	26	15.11	15.21	15.24		0.0
	1	49	15.18	15.20	15.30		0.0
	25	0	15.13	15.20	15.22	0-0.5	0.0
	25	13	15.09	15.20	15.22	0	0.0
	25	26	15.12	15.23	15.24	0-0.5	0.0
	50	0	15.10	15.21	15.24		0.0
DFT-s-OFDM QPSK	1	1	15.12	15.13	15.39	0	0.0
	1	26	15.21	15.30	15.33		0.0
	1	49	15.25	15.23	15.37		0.0
	25	0	15.16	15.22	15.27	0-1	0.0
	25	13	15.15	15.25	15.27	0	0.0
	25	26	15.18	15.29	15.29	0-1	0.0
	50	0	15.18	15.28	15.29		0.0
DFT-s-OFDM 16QAM	1	1	15.27	15.31	15.36	0-1	0.0
CP-OFDM QPSK	1	1	15.17	15.20	15.24	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 196 of 336

Table H-197

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.41	0	0.0
	1	123	16.82		0.0
	1	243	16.65		0.0
	120	0	16.65	0-0.5	0.0
	120	63	16.80	0	0.0
	120	125	16.74	0-0.5	0.0
	243	0	16.73		0.0
DFT-s-OFDM QPSK	1	1	16.48	0	0.0
	1	123	16.88		0.0
	1	243	16.74		0.0
	120	0	16.63	0-1	0.0
	120	63	16.82	0	0.0
	120	125	16.74	0-1	0.0
	243	0	16.76		0.0
DFT-s-OFDM 16QAM	1	1	16.55	0-1	0.0
CP-OFDM QPSK	1	1	16.26	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 197 of 336

Table H-198

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.57	0	0.0
	1	109	16.84		0.0
	1	215	16.71		0.0
	108	0	16.63	0-0.5	0.0
	108	55	16.82	0	0.0
	108	109	16.76	0-0.5	0.0
	216	0	16.75		0.0
DFT-s-OFDM QPSK	1	1	16.55	0	0.0
	1	109	16.88		0.0
	1	215	16.80		0.0
	108	0	16.62	0-1	0.0
	108	55	16.77	0	0.0
	108	109	16.72	0-1	0.0
	216	0	16.77		0.0
DFT-s-OFDM 16QAM	1	1	16.63	0-1	0.0
CP-OFDM QPSK	1	1	16.35	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 198 of 336

Table H-199

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.31	0	0.0
	1	95	16.64		0.0
	1	187	16.64		0.0
	90	0	16.44	0-0.5	0.0
	90	50	16.65	0	0.0
	90	99	16.63	0-0.5	0.0
	180	0	16.54		0.0
DFT-s-OFDM QPSK	1	1	16.45	0	0.0
	1	95	16.71		0.0
	1	187	16.69		0.0
	90	0	16.49	0-1	0.0
	90	50	16.61	0	0.0
	90	99	16.62	0-1	0.0
	180	0	16.53		0.0
DFT-s-OFDM 16QAM	1	1	16.40	0-1	0.0
CP-OFDM QPSK	1	1	16.49	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 199 of 336

Table H-200

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.43	0	0.0
	1	81	16.63		0.0
	1	160	16.70		0.0
	81	0	16.45	0-0.5	0.0
	81	41	16.62	0	0.0
	81	81	16.59	0-0.5	0.0
	162	0	16.60		0.0
DFT-s-OFDM QPSK	1	1	16.45	0	0.0
	1	81	16.65		0.0
	1	160	16.68		0.0
	81	0	16.48	0-1	0.0
	81	41	16.61	0	0.0
	81	81	16.59	0-1	0.0
	162	0	16.60		0.0
DFT-s-OFDM 16QAM	1	1	16.44	0-1	0.0
CP-OFDM QPSK	1	1	16.57	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 200 of 336

Table H-201

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.64	16.77	0	0.0
	1	67	16.67	16.72		0.0
	1	131	16.89	16.83		0.0
	64	0	16.61	16.75	0-0.5	0.0
	64	35	16.72	16.77	0	0.0
	64	69	16.72	16.84	0-0.5	0.0
	128	0	16.72	16.81		0.0
DFT-s-OFDM QPSK	1	1	16.70	16.82	0	0.0
	1	67	16.72	16.77		0.0
	1	131	16.91	16.88		0.0
	64	0	16.62	16.79	0-1	0.0
	64	35	16.73	16.75	0	0.0
	64	69	16.72	16.85	0-1	0.0
	128	0	16.73	16.77		0.0
DFT-s-OFDM 16QAM	1	1	16.71	16.87	0-1	0.0
CP-OFDM QPSK	1	1	16.80	16.95	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 201 of 336

Table H-202

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.84	17.00	0	0.0
	1	53	16.82	17.01		0.0
	1	104	17.03	17.15		0.0
	50	0	16.78	16.92	0-0.5	0.0
	50	28	16.87	17.03	0	0.0
	50	56	16.91	17.04	0-0.5	0.0
	100	0	16.86	17.03		0.0
DFT-s-OFDM QPSK	1	1	16.90	17.02	0	0.0
	1	53	16.87	17.02		0.0
	1	104	17.07	17.15		0.0
	50	0	16.77	16.92	0-1	0.0
	50	28	16.87	17.00	0	0.0
	50	56	16.93	17.05	0-1	0.0
	100	0	16.88	17.04		0.0
DFT-s-OFDM 16QAM	1	1	16.91	17.07	0-1	0.0
CP-OFDM QPSK	1	1	17.02	17.13	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 202 of 336

Table H-203

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.88	16.83	17.01	0	0.0
	1	39	16.72	17.01	17.02		0.0
	1	76	16.95	16.93	17.10		0.0
	36	0	16.76	16.88	17.07	0-0.5	0.0
	36	21	16.77	17.02	17.05	0	0.0
	36	42	16.90	16.96	17.07	0-0.5	0.0
	75	0	16.78	16.99	17.06		0.0
DFT-s-OFDM QPSK	1	1	16.92	16.84	17.05	0	0.0
	1	39	16.79	17.00	17.07		0.0
	1	76	17.03	17.02	17.12		0.0
	36	0	16.77	16.86	17.03	0-1	0.0
	36	21	16.75	16.99	17.07	0	0.0
	36	42	16.91	16.96	17.03	0-1	0.0
	75	0	16.79	16.98	17.06		0.0
DFT-s-OFDM 16QAM	1	1	16.96	16.90	17.08	0-1	0.0
CP-OFDM QPSK	1	1	16.99	16.87	17.13	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 203 of 336

Table H-204

NR Band n77 DOD Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.91	16.84	17.08	0	0.0
	1	26	16.80	16.89	17.02		0.0
	1	49	16.82	16.91	17.05		0.0
	25	0	16.87	16.94	16.94	0-0.5	0.0
	25	13	16.82	16.94	17.03	0	0.0
	25	26	16.83	16.93	17.03	0-0.5	0.0
	50	0	16.82	16.92	17.01		0.0
DFT-s-OFDM QPSK	1	1	16.95	16.86	17.02	0	0.0
	1	26	16.83	16.94	17.03		0.0
	1	49	16.87	17.01	17.04		0.0
	25	0	16.86	16.92	16.93	0-1	0.0
	25	13	16.79	16.89	17.00	0	0.0
	25	26	16.83	16.90	17.02	0-1	0.0
	50	0	16.84	16.92	17.04		0.0
DFT-s-OFDM 16QAM	1	1	17.02	16.85	17.11	0-1	0.0
CP-OFDM QPSK	1	1	17.07	16.87	17.15	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 204 of 336

Table H-205
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			633334 (3500.01 MHz) Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.44	0	0.0	
	1	123	15.59		0.0	
	1	243	15.51		0.0	
	120	0	15.49	0-0.5	0.0	
	120	63	15.61	0	0.0	
	120	125	15.54		0.0	
	243	0	15.55		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	15.36	0	0.0	
	1	123	15.55		0.0	
	1	243	15.60		0.0	
	120	0	15.48	0-1	0.0	
	120	63	15.57	0	0.0	
	120	125	15.51		0-1	0.0
	243	0	15.52		0-1	0.0
DFT-s-OFDM 16QAM	1	1	15.74	0-1	0.0	
CP-OFDM QPSK	1	1	15.34	0-1.5	0.0	

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 205 of 336

Table H-206
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.42	0	0.0
	1	109	15.62		0.0
	1	215	15.51		0.0
	108	0	15.51	0-0.5	0.0
	108	55	15.63	0	0.0
	108	109	15.57	0-0.5	0.0
	216	0	15.58		0.0
DFT-s-OFDM QPSK	1	1	15.40	0	0.0
	1	109	15.57		0.0
	1	215	15.55		0.0
	108	0	15.53	0-1	0.0
	108	55	15.59	0	0.0
	108	109	15.56	0-1	0.0
	216	0	15.57		0.0
DFT-s-OFDM 16QAM	1	1	15.80	0-1	0.0
CP-OFDM QPSK	1	1	15.35	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 206 of 336

Table H-207
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.42	0	0.0
	1	95	15.65		0.0
	1	187	15.56		0.0
	90	0	15.57	0-0.5	0.0
	90	50	15.69	0	0.0
	90	99	15.67	0-0.5	0.0
	180	0	15.61		0.0
DFT-s-OFDM QPSK	1	1	15.43	0	0.0
	1	95	15.68		0.0
	1	187	15.67		0.0
	90	0	15.54	0-1	0.0
	90	50	15.64	0	0.0
	90	99	15.59	0-1	0.0
	180	0	15.59		0.0
DFT-s-OFDM 16QAM	1	1	15.78	0-1	0.0
CP-OFDM QPSK	1	1	15.40	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 207 of 336

Table H-208
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			633334 (3500.01 MHz)			
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.47	0	0.0	
	1	81	15.61		0.0	
	1	160	15.63		0.0	
	81	0	15.48	0-0.5	0.0	
	81	41	15.59	0	0.0	
	81	81	15.57		0.0	
	162	0	15.58		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	15.46	0	0.0	
	1	81	15.57		0.0	
	1	160	15.64		0.0	
	81	0	15.49	0-1	0.0	
	81	41	15.61	0	0.0	
	81	81	15.56		0-1	0.0
	162	0	15.55		0.0	
DFT-s-OFDM 16QAM	1	1	15.81	0-1	0.0	
CP-OFDM QPSK	1	1	15.40	0-1.5	0.0	

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 208 of 336

Table H-209
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth
NR Band n77
50 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.63	15.73	0	0.0
	1	67	15.69	15.78		0.0
	1	131	15.84	15.71		0.0
	64	0	15.61	15.72	0-0.5	0.0
	64	35	15.72	15.74	0	0.0
	64	69	15.73	15.77	0-0.5	0.0
	128	0	15.71	15.71		0.0
DFT-s-OFDM QPSK	1	1	15.67	15.76	0	0.0
	1	67	15.65	15.77		0.0
	1	131	15.91	15.83		0.0
	64	0	15.64	15.71	0-1	0.0
	64	35	15.70	15.69	0	0.0
	64	69	15.75	15.76	0-1	0.0
	128	0	15.75	15.70		0.0
DFT-s-OFDM 16QAM	1	1	16.01	16.08	0-1	0.0
CP-OFDM QPSK	1	1	15.58	15.71	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 209 of 336

Table H-210
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.74	15.86	0	0.0
	1	53	15.78	15.88		0.0
	1	104	15.88	15.94		0.0
	50	0	15.70	15.84	0-0.5	0.0
	50	28	15.81	15.86	0	0.0
	50	56	15.80	15.92	0-0.5	0.0
	100	0	15.79	15.89		0.0
DFT-s-OFDM QPSK	1	1	15.74	15.88	0	0.0
	1	53	15.75	15.87		0.0
	1	104	15.96	15.98		0.0
	50	0	15.71	15.84	0-1	0.0
	50	28	15.74	15.89	0	0.0
	50	56	15.81	15.91	0-1	0.0
	100	0	15.81	15.91		0.0
DFT-s-OFDM 16QAM	1	1	15.74	15.93	0-1	0.0
CP-OFDM QPSK	1	1	15.58	15.77	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 210 of 336

Table H-211
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.77	15.83	15.97	0	0.0
	1	39	15.72	15.86	15.92		0.0
	1	76	15.94	15.94	15.93		0.0
	36	0	15.72	15.77	15.95	0-0.5	0.0
	36	21	15.72	15.88	15.92	0	0.0
	36	42	15.83	15.91	15.97	0-0.5	0.0
	75	0	15.73	15.88	15.94		0.0
DFT-s-OFDM QPSK	1	1	15.76	15.84	16.01	0	0.0
	1	39	15.70	15.85	15.93		0.0
	1	76	15.87	15.96	15.99		0.0
	36	0	15.71	15.81	15.97	0-1	0.0
	36	21	15.72	15.86	15.94	0	0.0
	36	42	15.81	15.91	15.93	0-1	0.0
	75	0	15.75	15.92	15.98		0.0
DFT-s-OFDM 16QAM	1	1	15.78	15.87	16.04	0-1	0.0
CP-OFDM QPSK	1	1	15.62	15.70	15.84	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 211 of 336

Table H-212
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.81	15.84	15.91	0	0.0
	1	26	15.73	15.74	15.87		0.0
	1	49	15.74	15.87	15.91		0.0
	25	0	15.77	15.78	15.97	0-0.5	0.0
	25	13	15.74	15.76	15.90	0	0.0
	25	26	15.74	15.81	15.90	0-0.5	0.0
	50	0	15.68	15.79	15.92		0.0
DFT-s-OFDM QPSK	1	1	15.74	15.82	15.90	0	0.0
	1	26	15.66	15.74	15.87		0.0
	1	49	15.71	15.86	15.91		0.0
	25	0	15.70	15.89	15.96	0-1	0.0
	25	13	15.67	15.84	15.87	0	0.0
	25	26	15.73	15.86	15.91	0-1	0.0
	50	0	15.70	15.84	15.88		0.0
DFT-s-OFDM 16QAM	1	1	15.79	16.03	15.99	0-1	0.0
CP-OFDM QPSK	1	1	15.57	15.75	15.84	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 212 of 336

Table H-213
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR [dB]	
			633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.70	0	0.0	
	1	123	13.02		0.0	
	1	243	13.00		0.0	
	120	0	12.81	0-0.5	0.0	
	120	63	13.00	0	0.0	
	120	125	13.04		0.0	
	243	0	12.90		0-0.5	0.0
DFT-s-OFDM QPSK	1	1	12.85	0	0.0	
	1	123	13.20		0.0	
	1	243	13.07		0.0	
	120	0	12.83	0-1	0.0	
	120	63	12.99	0	0.0	
	120	125	13.05		0-1	0.0
	243	0	12.93		0-1	0.0
DFT-s-OFDM 16QAM	1	1	12.64	0-1	0.0	
CP-OFDM QPSK	1	1	12.60	0-1.5	0.0	

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 213 of 336

Table H-214
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.68	0	0.0
	1	109	13.06		0.0
	1	215	12.96		0.0
	108	0	12.79	0-0.5	0.0
	108	55	12.98	0	0.0
	108	109	13.01	0-0.5	0.0
	216	0	12.90		0.0
DFT-s-OFDM QPSK	1	1	12.86	0	0.0
	1	109	13.16		0.0
	1	215	13.06		0.0
	108	0	12.83	0-1	0.0
	108	55	12.99	0	0.0
	108	109	13.00	0-1	0.0
	216	0	12.95		0.0
DFT-s-OFDM 16QAM	1	1	12.67	0-1	0.0
CP-OFDM QPSK	1	1	12.64	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 214 of 336

Table H-215
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.73	0	0.0
	1	95	13.02		0.0
	1	187	13.01		0.0
	90	0	12.81	0-0.5	0.0
	90	50	12.97	0	0.0
	90	99	13.02	0-0.5	0.0
	180	0	12.90		0.0
DFT-s-OFDM QPSK	1	1	12.88	0	0.0
	1	95	13.19		0.0
	1	187	13.11		0.0
	90	0	12.85	0-1	0.0
	90	50	13.00	0	0.0
	90	99	13.07	0-1	0.0
	180	0	12.94		0.0
DFT-s-OFDM 16QAM	1	1	12.66	0-1	0.0
CP-OFDM QPSK	1	1	12.64	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 215 of 336

Table H-216
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.76	0	0.0
	1	81	13.04		0.0
	1	160	13.08		0.0
	81	0	12.84	0-0.5	0.0
	81	41	12.95	0	0.0
	81	81	13.03		0.0
	162	0	12.95		0-0.5
DFT-s-OFDM QPSK	1	1	12.89	0	0.0
	1	81	13.16		0.0
	1	160	13.20		0.0
	81	0	12.88	0-1	0.0
	81	41	13.03	0	0.0
	81	81	13.08	0-1	0.0
	162	0	12.98		0.0
DFT-s-OFDM 16QAM	1	1	12.72	0-1	0.0
CP-OFDM QPSK	1	1	12.71	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 216 of 336

Table H-217
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.11	13.27	0	0.0
	1	67	13.20	13.31		0.0
	1	131	13.38	13.40		0.0
	64	0	13.10	13.26	0-0.5	0.0
	64	35	13.19	13.33	0	0.0
	64	69	13.23	13.34	0-0.5	0.0
	128	0	13.15	13.29		0.0
DFT-s-OFDM QPSK	1	1	13.27	13.38	0	0.0
	1	67	13.34	13.44		0.0
	1	131	13.51	13.52		0.0
	64	0	13.12	13.29	0-1	0.0
	64	35	13.23	13.35	0	0.0
	64	69	13.29	13.37	0-1	0.0
	128	0	13.21	13.33		0.0
DFT-s-OFDM 16QAM	1	1	13.24	13.28	0-1	0.0
CP-OFDM QPSK	1	1	13.03	13.23	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 217 of 336

Table H-218
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.22	13.44	0	0.0
	1	53	13.25	13.47		0.0
	1	104	13.53	13.65		0.0
	50	0	13.15	13.42	0-0.5	0.0
	50	28	13.22	13.44	0	0.0
	50	56	13.34	13.54	0-0.5	0.0
	100	0	13.25	13.47		0.0
DFT-s-OFDM QPSK	1	1	13.33	13.51	0	0.0
	1	53	13.40	13.57		0.0
	1	104	13.64	13.70		0.0
	50	0	13.19	13.42	0-1	0.0
	50	28	13.24	13.47	0	0.0
	50	56	13.36	13.51	0-1	0.0
	100	0	13.30	13.48		0.0
DFT-s-OFDM 16QAM	1	1	13.25	13.42	0-1	0.0
CP-OFDM QPSK	1	1	13.21	13.38	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 218 of 336

Table H-219
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.08	13.11	13.20	0	0.0
	1	39	13.25	13.35	13.45		0.0
	1	76	13.40	13.40	13.55		0.0
	36	0	13.20	13.25	13.30	0-0.5	0.0
	36	21	13.22	13.28	13.42	0	0.0
	36	42	13.30	13.32	13.48	0-0.5	0.0
	75	0	13.24	13.25	13.46		0.0
DFT-s-OFDM QPSK	1	1	13.37	13.03	13.37	0	0.0
	1	39	13.39	13.29	13.56		0.0
	1	76	13.56	13.38	13.65		0.0
	36	0	13.22	13.26	13.45	0-1	0.0
	36	21	13.25	13.31	13.46	0	0.0
	36	42	13.33	13.36	13.52	0-1	0.0
	75	0	13.28	13.29	13.48		0.0
DFT-s-OFDM 16QAM	1	1	13.26	13.19	13.49	0-1	0.0
CP-OFDM QPSK	1	1	13.19	13.00	13.42	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 219 of 336

Table H-220
NR Band n77 DOD Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.29	13.03	13.51	0	0.0
	1	26	13.22	13.39	13.46		0.0
	1	49	13.32	13.40	13.51		0.0
	25	0	13.23	13.25	13.46	0-0.5	0.0
	25	13	13.20	13.37	13.42	0	0.0
	25	26	13.25	13.41	13.45	0-0.5	0.0
	50	0	13.22	13.34	13.44		0.0
DFT-s-OFDM QPSK	1	1	13.38	13.04	13.58	0	0.0
	1	26	13.32	13.33	13.53		0.0
	1	49	13.41	13.38	13.58		0.0
	25	0	13.25	13.26	13.46	0-1	0.0
	25	13	13.22	13.39	13.43	0	0.0
	25	26	13.27	13.44	13.47	0-1	0.0
	50	0	13.25	13.38	13.49		0.0
DFT-s-OFDM 16QAM	1	1	13.30	13.36	13.50	0-1	0.0
CP-OFDM QPSK	1	1	13.22	13.00	13.44	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 220 of 336

Table H-221

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.89	0	0.0
	1	123	16.07		0.0
	1	243	15.94		0.0
	120	0	15.97	0-0.5	0.0
	120	63	16.04	0	0.0
	120	125	15.91	0-0.5	0.0
	243	0	15.99		0.0
DFT-s-OFDM QPSK	1	1	15.97	0	0.0
	1	123	16.08		0.0
	1	243	15.91		0.0
	120	0	15.97	0-1	0.0
	120	63	16.03	0	0.0
	120	125	15.93	0-1	0.0
	243	0	15.99		0.0
DFT-s-OFDM 16QAM	1	1	15.93	0-1	0.0
CP-OFDM QPSK	1	1	16.05	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 221 of 336

Table H-222

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.85	0	0.0
	1	109	16.02		0.0
	1	215	15.90		0.0
	108	0	15.95	0-0.5	0.0
	108	55	16.05	0	0.0
	108	109	15.97	0-0.5	0.0
	216	0	15.99		0.0
DFT-s-OFDM QPSK	1	1	15.99	0	0.0
	1	109	16.10		0.0
	1	215	15.94		0.0
	108	0	15.94	0-1	0.0
	108	55	16.03	0	0.0
	108	109	15.94	0-1	0.0
	216	0	15.99		0.0
DFT-s-OFDM 16QAM	1	1	15.92	0-1	0.0
CP-OFDM QPSK	1	1	16.02	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 222 of 336

Table H-223

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.81	0	0.0
	1	95	16.03		0.0
	1	187	15.97		0.0
	90	0	15.94	0-0.5	0.0
	90	50	16.04	0	0.0
	90	99	15.93	0-0.5	0.0
	180	0	15.92		0.0
DFT-s-OFDM QPSK	1	1	15.85	0	0.0
	1	95	16.08		0.0
	1	187	16.00		0.0
	90	0	15.94	0-1	0.0
	90	50	16.04	0	0.0
	90	99	15.98	0-1	0.0
	180	0	15.89		0.0
DFT-s-OFDM 16QAM	1	1	15.87	0-1	0.0
CP-OFDM QPSK	1	1	15.96	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 223 of 336

Table H-224

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.92	0	0.0
	1	81	16.06		0.0
	1	160	16.04		0.0
	81	0	15.93	0-0.5	0.0
	81	41	16.03	0	0.0
	81	81	16.00	0-0.5	0.0
	162	0	15.99		0.0
DFT-s-OFDM QPSK	1	1	15.96	0	0.0
	1	81	16.10		0.0
	1	160	16.04		0.0
	81	0	15.91	0-1	0.0
	81	41	16.00	0	0.0
	81	81	15.96	0-1	0.0
	162	0	15.98		0.0
DFT-s-OFDM 16QAM	1	1	15.97	0-1	0.0
CP-OFDM QPSK	1	1	16.04	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 224 of 336

Table H-225

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.18	16.23	0	0.0
	1	67	16.13	16.07		0.0
	1	131	16.26	16.22		0.0
	64	0	16.10	16.25	0-0.5	0.0
	64	35	16.19	16.10	0	0.0
	64	69	16.19	16.15	0-0.5	0.0
	128	0	16.21	16.09		0.0
DFT-s-OFDM QPSK	1	1	16.23	16.29	0	0.0
	1	67	16.22	16.18		0.0
	1	131	16.31	16.19		0.0
	64	0	16.15	16.13	0-1	0.0
	64	35	16.20	16.07	0	0.0
	64	69	16.16	16.18	0-1	0.0
	128	0	16.20	16.09		0.0
DFT-s-OFDM 16QAM	1	1	16.25	16.06	0-1	0.0
CP-OFDM QPSK	1	1	16.33	16.20	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 225 of 336

Table H-226

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.37	16.36	0	0.0
	1	53	16.30	16.37		0.0
	1	104	16.45	16.42		0.0
	50	0	16.22	16.25	0-0.5	0.0
	50	28	16.29	16.34	0	0.0
	50	56	16.35	16.37	0-0.5	0.0
	100	0	16.33	16.35		0.0
DFT-s-OFDM QPSK	1	1	16.42	16.41	0	0.0
	1	53	16.37	16.36		0.0
	1	104	16.49	16.46		0.0
	50	0	16.28	16.26	0-1	0.0
	50	28	16.29	16.31	0	0.0
	50	56	16.33	16.32	0-1	0.0
	100	0	16.36	16.38		0.0
DFT-s-OFDM 16QAM	1	1	16.27	16.22	0-1	0.0
CP-OFDM QPSK	1	1	16.43	16.39	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 226 of 336

Table H-227

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.29	16.23	16.26	0	0.0
	1	39	16.17	16.31	16.27		0.0
	1	76	16.32	16.34	16.31		0.0
	36	0	16.20	16.20	16.27	0-0.5	0.0
	36	21	16.17	16.27	16.22	0	0.0
	36	42	16.27	16.30	16.23	0-0.5	0.0
	75	0	16.22	16.30	16.27		0.0
DFT-s-OFDM QPSK	1	1	16.27	16.24	16.24	0	0.0
	1	39	16.16	16.28	16.26		0.0
	1	76	16.32	16.33	16.30		0.0
	36	0	16.20	16.19	16.29	0-1	0.0
	36	21	16.20	16.25	16.25	0	0.0
	36	42	16.29	16.29	16.27	0-1	0.0
	75	0	16.20	16.28	16.29		0.0
DFT-s-OFDM 16QAM	1	1	16.30	16.27	16.28	0-1	0.0
CP-OFDM QPSK	1	1	16.24	16.17	16.22	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 227 of 336

Table H-228

NR Band n77 DOD Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.36	16.31	16.29	0	0.0
	1	26	16.22	16.22	16.28		0.0
	1	49	16.23	16.32	16.31		0.0
	25	0	16.29	16.26	16.23	0-0.5	0.0
	25	13	16.23	16.22	16.27	0	0.0
	25	26	16.25	16.23	16.28	0-0.5	0.0
	50	0	16.25	16.22	16.28		0.0
DFT-s-OFDM QPSK	1	1	16.44	16.34	16.32	0	0.0
	1	26	16.27	16.20	16.29		0.0
	1	49	16.32	16.32	16.29		0.0
	25	0	16.36	16.24	16.23	0-1	0.0
	25	13	16.30	16.18	16.25	0	0.0
	25	26	16.18	16.22	16.30	0-1	0.0
	50	0	16.22	16.22	16.31		0.0
DFT-s-OFDM 16QAM	1	1	16.43	16.38	16.35	0-1	0.0
CP-OFDM QPSK	1	1	16.28	16.25	16.21	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 228 of 336

Table H-229
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.98	0	0.0
	1	123	15.00		0.0
	1	243	14.89		0.0
	120	0	14.98	0-0.5	0.0
	120	63	15.02	0	0.0
	120	125	14.93	0-0.5	0.0
	243	0	14.99		0.0
DFT-s-OFDM QPSK	1	1	15.04	0	0.0
	1	123	15.02		0.0
	1	243	15.01		0.0
	120	0	15.04	0-1	0.0
	120	63	15.05	0	0.0
	120	125	14.95	0-1	0.0
	243	0	15.05		0.0
DFT-s-OFDM 16QAM	1	1	15.02	0-1	0.0
CP-OFDM QPSK	1	1	15.01	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 229 of 336

Table H-230
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.04	0	0.0
	1	109	15.06		0.0
	1	215	14.94		0.0
	108	0	15.07	0-0.5	0.0
	108	55	15.13	0	0.0
	108	109	15.00	0-0.5	0.0
	216	0	15.07		0.0
DFT-s-OFDM QPSK	1	1	15.07	0	0.0
	1	109	15.11		0.0
	1	215	15.00		0.0
	108	0	15.07	0-1	0.0
	108	55	15.08	0	0.0
	108	109	15.00	0-1	0.0
	216	0	15.07		0.0
DFT-s-OFDM 16QAM	1	1	15.03	0-1	0.0
CP-OFDM QPSK	1	1	15.08	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 230 of 336

Table H-231
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.03	0	0.0
	1	95	15.13		0.0
	1	187	14.98		0.0
	90	0	15.07	0-0.5	0.0
	90	50	15.14	0	0.0
	90	99	15.04	0-0.5	0.0
	180	0	15.13		0.0
DFT-s-OFDM QPSK	1	1	15.08	0	0.0
	1	95	15.13		0.0
	1	187	15.06		0.0
	90	0	15.05	0-1	0.0
	90	50	15.12	0	0.0
	90	99	15.05	0-1	0.0
	180	0	15.09		0.0
DFT-s-OFDM 16QAM	1	1	15.03	0-1	0.0
CP-OFDM QPSK	1	1	14.96	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 231 of 336

Table H-232
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.13	0	0.0
	1	81	15.14		0.0
	1	160	15.08		0.0
	81	0	15.07	0-0.5	0.0
	81	41	15.12	0	0.0
	81	81	15.04	0-0.5	0.0
	162	0	15.08		0.0
DFT-s-OFDM QPSK	1	1	15.10	0	0.0
	1	81	15.08		0.0
	1	160	15.06		0.0
	81	0	15.01	0-1	0.0
	81	41	15.10	0	0.0
	81	81	15.00	0-1	0.0
	162	0	15.08		0.0
DFT-s-OFDM 16QAM	1	1	15.03	0-1	0.0
CP-OFDM QPSK	1	1	15.04	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 232 of 336

Table H-233
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.32	15.26	0	0.0
	1	67	15.26	15.23		0.0
	1	131	15.28	15.18		0.0
	64	0	15.23	15.23	0-0.5	0.0
	64	35	15.34	15.18	0	0.0
	64	69	15.25	15.24	0-0.5	0.0
	128	0	15.27	15.18		0.0
DFT-s-OFDM QPSK	1	1	15.34	15.31	0	0.0
	1	67	15.27	15.27		0.0
	1	131	15.32	15.26		0.0
	64	0	15.24	15.21	0-1	0.0
	64	35	15.28	15.17	0	0.0
	64	69	15.23	15.23	0-1	0.0
	128	0	15.28	15.18		0.0
DFT-s-OFDM 16QAM	1	1	15.27	15.27	0-1	0.0
CP-OFDM QPSK	1	1	15.28	15.24	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 233 of 336

Table H-234
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.39	15.22	0	0.0
	1	53	15.37	15.17		0.0
	1	104	15.41	15.27		0.0
	50	0	15.24	15.13	0-0.5	0.0
	50	28	15.31	15.22	0	0.0
	50	56	15.35	15.18	0-0.5	0.0
	100	0	15.30	15.24		0.0
DFT-s-OFDM QPSK	1	1	15.39	15.24	0	0.0
	1	53	15.32	15.16		0.0
	1	104	15.37	15.29		0.0
	50	0	15.24	15.14	0-1	0.0
	50	28	15.28	15.23	0	0.0
	50	56	15.27	15.19	0-1	0.0
	100	0	15.31	15.23		0.0
DFT-s-OFDM 16QAM	1	1	15.43	15.32	0-1	0.0
CP-OFDM QPSK	1	1	15.34	15.20	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 234 of 336

Table H-235
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.35	15.28	15.27	0	0.0
	1	39	15.23	15.24	15.13		0.0
	1	76	15.40	15.29	15.17		0.0
	36	0	15.26	15.16	15.19	0-0.5	0.0
	36	21	15.27	15.27	15.16	0	0.0
	36	42	15.31	15.26	15.14	0-0.5	0.0
	75	0	15.29	15.29	15.21		0.0
DFT-s-OFDM QPSK	1	1	15.38	15.28	15.33	0	0.0
	1	39	15.29	15.27	15.19		0.0
	1	76	15.41	15.32	15.21		0.0
	36	0	15.24	15.15	15.18	0-1	0.0
	36	21	15.24	15.21	15.14	0	0.0
	36	42	15.33	15.25	15.16	0-1	0.0
	75	0	15.18	15.27	15.28		0.0
DFT-s-OFDM 16QAM	1	1	15.41	15.37	15.37	0-1	0.0
CP-OFDM QPSK	1	1	15.28	15.19	15.25	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 235 of 336

Table H-236
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.36	15.24	15.14	0	0.0
	1	26	15.23	15.11	15.07		0.0
	1	49	15.24	15.23	15.14		0.0
	25	0	15.27	15.18	15.14	0-0.5	0.0
	25	13	15.25	15.15	15.14	0	0.0
	25	26	15.22	15.08	15.13	0-0.5	0.0
	50	0	15.27	15.12	15.11		0.0
DFT-s-OFDM QPSK	1	1	15.37	15.27	15.18	0	0.0
	1	26	15.24	15.11	15.14		0.0
	1	49	15.25	15.25	15.13		0.0
	25	0	15.26	15.15	15.18	0-1	0.0
	25	13	15.24	15.12	15.14	0	0.0
	25	26	15.25	15.11	15.12	0-1	0.0
	50	0	15.21	15.10	15.12		0.0
DFT-s-OFDM 16QAM	1	1	15.42	15.34	15.19	0-1	0.0
CP-OFDM QPSK	1	1	15.31	15.21	15.11	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 236 of 336

Table H-237
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR [dB]
			633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.23	0	0.0
	1	123	12.28		0.0
	1	243	12.16		0.0
	120	0	12.26	0-0.5	0.0
	120	63	12.34	0	0.0
	120	125	12.31		0.0
	243	0	12.31		0-0.5
DFT-s-OFDM QPSK	1	1	12.24	0	0.0
	1	123	12.37		0.0
	1	243	12.20		0.0
	120	0	12.31	0-1	0.0
	120	63	12.38	0	0.0
	120	125	12.31	0-1	0.0
	243	0	12.34		0.0
DFT-s-OFDM 16QAM	1	1	12.65	0-1	0.0
CP-OFDM QPSK	1	1	12.34	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 237 of 336

Table H-238
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.27	0	0.0
	1	109	12.41		0.0
	1	215	12.18		0.0
	108	0	12.35	0-0.5	0.0
	108	55	12.38	0	0.0
	108	109	12.37	0-0.5	0.0
	216	0	12.35		0.0
DFT-s-OFDM QPSK	1	1	12.32	0	0.0
	1	109	12.41		0.0
	1	215	12.26		0.0
	108	0	12.34	0-1	0.0
	108	55	12.39	0	0.0
	108	109	12.37	0-1	0.0
	216	0	12.39		0.0
DFT-s-OFDM 16QAM	1	1	12.83	0-1	0.0
CP-OFDM QPSK	1	1	12.46	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 238 of 336

Table H-239
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.29	0	0.0
	1	95	12.39		0.0
	1	187	12.27		0.0
	90	0	12.35	0-0.5	0.0
	90	50	12.36	0	0.0
	90	99	12.36	0-0.5	0.0
	180	0	12.38		0.0
DFT-s-OFDM QPSK	1	1	12.32	0	0.0
	1	95	12.43		0.0
	1	187	12.28		0.0
	90	0	12.38	0-1	0.0
	90	50	12.43	0	0.0
	90	99	12.41	0-1	0.0
	180	0	12.42		0.0
DFT-s-OFDM 16QAM	1	1	12.77	0-1	0.0
CP-OFDM QPSK	1	1	12.40	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 239 of 336

Table H-240
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.31	0	0.0
	1	81	12.38		0.0
	1	160	12.34		0.0
	81	0	12.35	0-0.5	0.0
	81	41	12.37	0	0.0
	81	81	12.38	0-0.5	0.0
	162	0	12.38		0.0
DFT-s-OFDM QPSK	1	1	12.35	0	0.0
	1	81	12.43		0.0
	1	160	12.32		0.0
	81	0	12.39	0-1	0.0
	81	41	12.43	0	0.0
	81	81	12.40	0-1	0.0
	162	0	12.39		0.0
DFT-s-OFDM 16QAM	1	1	12.74	0-1	0.0
CP-OFDM QPSK	1	1	12.38	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 240 of 336

Table H-241
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.68	12.56	0	0.0
	1	67	12.68	12.59		0.0
	1	131	12.65	12.61		0.0
	64	0	12.66	12.66	0-0.5	0.0
	64	35	12.77	12.68	0	0.0
	64	69	12.68	12.63	0-0.5	0.0
	128	0	12.70	12.66		0.0
DFT-s-OFDM QPSK	1	1	12.65	12.63	0	0.0
	1	67	12.68	12.64		0.0
	1	131	12.71	12.68		0.0
	64	0	12.68	12.68	0-1	0.0
	64	35	12.71	12.67	0	0.0
	64	69	12.76	12.72	0-1	0.0
	128	0	12.74	12.71		0.0
DFT-s-OFDM 16QAM	1	1	13.05	13.03	0-1	0.0
CP-OFDM QPSK	1	1	12.74	12.69	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 241 of 336

Table H-242
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.79	12.75	0	0.0
	1	53	12.73	12.67		0.0
	1	104	12.91	12.94		0.0
	50	0	12.76	12.70	0-0.5	0.0
	50	28	12.79	12.68	0	0.0
	50	56	12.84	12.79	0-0.5	0.0
	100	0	12.79	12.73		0.0
DFT-s-OFDM QPSK	1	1	12.80	12.74	0	0.0
	1	53	12.81	12.71		0.0
	1	104	12.92	12.98		0.0
	50	0	12.80	12.72	0-1	0.0
	50	28	12.81	12.74	0	0.0
	50	56	12.84	12.76	0-1	0.0
	100	0	12.85	12.74		0.0
DFT-s-OFDM 16QAM	1	1	12.84	12.78	0-1	0.0
CP-OFDM QPSK	1	1	12.75	12.73	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 242 of 336

Table H-243
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.79	12.76	12.68	0	0.0
	1	39	12.78	12.69	12.65		0.0
	1	76	12.81	12.81	12.84		0.0
	36	0	12.78	12.71	12.62	0-0.5	0.0
	36	21	12.76	12.67	12.69	0	0.0
	36	42	12.81	12.77	12.71	0-0.5	0.0
	75	0	12.80	12.73	12.62		0.0
DFT-s-OFDM QPSK	1	1	12.79	12.78	12.72	0	0.0
	1	39	12.78	12.69	12.68		0.0
	1	76	12.89	12.82	12.86		0.0
	36	0	12.79	12.73	12.65	0-1	0.0
	36	21	12.82	12.75	12.68	0	0.0
	36	42	12.86	12.79	12.68	0-1	0.0
	75	0	12.83	12.76	12.68		0.0
DFT-s-OFDM 16QAM	1	1	12.79	12.74	12.68	0-1	0.0
CP-OFDM QPSK	1	1	12.77	12.74	12.61	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 243 of 336

Table H-244
NR Band n77 DOD Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.76	12.74	12.74	0	0.0
	1	26	12.72	12.64	12.62		0.0
	1	49	12.78	12.72	12.69		0.0
	25	0	12.75	12.69	12.70	0-0.5	0.0
	25	13	12.70	12.69	12.67	0	0.0
	25	26	12.76	12.71	12.71	0-0.5	0.0
	50	0	12.78	12.68	12.67		0.0
DFT-s-OFDM QPSK	1	1	12.77	12.76	12.76	0	0.0
	1	26	12.74	12.68	12.66		0.0
	1	49	12.83	12.76	12.74		0.0
	25	0	12.78	12.75	12.74	0-1	0.0
	25	13	12.76	12.73	12.66	0	0.0
	25	26	12.79	12.74	12.74	0-1	0.0
	50	0	12.80	12.74	12.73		0.0
DFT-s-OFDM 16QAM	1	1	12.78	12.76	12.76	0-1	0.0
CP-OFDM QPSK	1	1	12.82	12.77	12.76	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 244 of 336

Table H-245

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.99	0	0.0
	1	123	13.15		0.0
	1	243	12.65		0.0
	120	0	13.09	0-0.5	0.0
	120	63	13.19	0	0.0
	120	125	12.91	0-0.5	0.0
	243	0	13.15		0.0
DFT-s-OFDM QPSK	1	1	13.03	0	0.0
	1	123	13.20		0.0
	1	243	12.82		0.0
	120	0	13.06	0-1	0.0
	120	63	13.17	0	0.0
	120	125	12.94	0-1	0.0
	243	0	13.20		0.0
DFT-s-OFDM 16QAM	1	1	13.16	0-1	0.0
CP-OFDM QPSK	1	1	13.21	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 245 of 336

Table H-246

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.03	0	0.0
	1	109	13.16		0.0
	1	215	12.70		0.0
	108	0	13.14	0-0.5	0.0
	108	55	13.24	0	0.0
	108	109	12.90	0-0.5	0.0
	216	0	13.21		0.0
DFT-s-OFDM QPSK	1	1	13.09	0	0.0
	1	109	13.23		0.0
	1	215	12.80		0.0
	108	0	13.13	0-1	0.0
	108	55	13.21	0	0.0
	108	109	12.93	0-1	0.0
	216	0	13.21		0.0
DFT-s-OFDM 16QAM	1	1	13.15	0-1	0.0
CP-OFDM QPSK	1	1	13.19	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 246 of 336

Table H-247

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.00	0	0.0
	1	95	13.15		0.0
	1	187	12.69		0.0
	90	0	13.12	0-0.5	0.0
	90	50	13.26	0	0.0
	90	99	12.93	0-0.5	0.0
	180	0	13.15		0.0
DFT-s-OFDM QPSK	1	1	13.08	0	0.0
	1	95	13.22		0.0
	1	187	12.81		0.0
	90	0	13.13	0-1	0.0
	90	50	13.00	0	0.0
	90	99	12.93	0-1	0.0
	180	0	13.11		0.0
DFT-s-OFDM 16QAM	1	1	13.09	0-1	0.0
CP-OFDM QPSK	1	1	13.13	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 247 of 336

Table H-248

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.07	0	0.0
	1	81	13.16		0.0
	1	160	12.70		0.0
	81	0	13.13	0-0.5	0.0
	81	41	13.25	0	0.0
	81	81	12.91	0-0.5	0.0
	162	0	13.24		0.0
DFT-s-OFDM QPSK	1	1	13.14	0	0.0
	1	81	13.23		0.0
	1	160	12.80		0.0
	81	0	13.10	0-1	0.0
	81	41	13.21	0	0.0
	81	81	12.93	0-1	0.0
	162	0	13.22		0.0
DFT-s-OFDM 16QAM	1	1	13.12	0-1	0.0
CP-OFDM QPSK	1	1	13.25	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 248 of 336

Table H-249

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.11	13.25	0	0.0
	1	67	13.11	13.14		0.0
	1	131	12.73	12.65		0.0
	64	0	13.08	13.20	0-0.5	0.0
	64	35	13.17	13.18	0	0.0
	64	69	12.83	12.63	0-0.5	0.0
	128	0	13.19	13.16		0.0
DFT-s-OFDM QPSK	1	1	13.15	13.27	0	0.0
	1	67	13.20	13.19		0.0
	1	131	13.35	13.25		0.0
	64	0	13.09	13.20	0-1	0.0
	64	35	13.16	13.15	0	0.0
	64	69	13.17	13.23	0-1	0.0
	128	0	13.18	13.19		0.0
DFT-s-OFDM 16QAM	1	1	13.17	13.32	0-1	0.0
CP-OFDM QPSK	1	1	13.28	13.40	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 249 of 336

Table H-250

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.33	13.40	0	0.0
	1	53	13.32	13.38		0.0
	1	104	12.79	12.81		0.0
	50	0	13.26	13.33	0-0.5	0.0
	50	28	13.33	13.39	0	0.0
	50	56	12.67	12.75	0-0.5	0.0
	100	0	13.35	13.43		0.0
DFT-s-OFDM QPSK	1	1	13.39	13.43	0	0.0
	1	53	13.35	13.45		0.0
	1	104	13.48	13.48		0.0
	50	0	13.24	13.31	0-1	0.0
	50	28	13.30	13.38	0	0.0
	50	56	13.34	13.42	0-1	0.0
	100	0	13.37	13.45		0.0
DFT-s-OFDM 16QAM	1	1	13.37	13.42	0-1	0.0
CP-OFDM QPSK	1	1	13.46	13.48	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 250 of 336

Table H-251

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.30	13.32	13.40	0	0.0
	1	39	13.21	13.18	13.39		0.0
	1	76	12.65	12.70	12.73		0.0
	36	0	13.25	13.29	13.42	0-0.5	0.0
	36	21	13.22	13.22	13.38	0	0.0
	36	42	12.63	12.90	12.75	0-0.5	0.0
	75	0	13.25	13.22	13.40		0.0
DFT-s-OFDM QPSK	1	1	13.35	13.34	13.38	0	0.0
	1	39	13.25	13.23	13.41		0.0
	1	76	13.45	12.80	13.47		0.0
	36	0	13.23	13.27	13.39	0-1	0.0
	36	21	13.20	13.21	13.38	0	0.0
	36	42	13.35	12.95	13.41	0-1	0.0
	75	0	13.24	13.20	13.40		0.0
DFT-s-OFDM 16QAM	1	1	13.33	13.37	13.40	0-1	0.0
CP-OFDM QPSK	1	1	13.42	13.45	13.47	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 251 of 336

Table H-252

NR Band n77 DOD Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.30	13.35	13.36	0	0.0
	1	26	13.18	13.18	13.33		0.0
	1	49	13.21	12.70	13.13		0.0
	25	0	13.21	13.30	13.28	0-0.5	0.0
	25	13	13.17	13.26	13.29	0	0.0
	25	26	13.18	12.92	13.12	0-0.5	0.0
	50	0	13.18	13.22	13.32		0.0
DFT-s-OFDM QPSK	1	1	13.31	13.35	13.34	0	0.0
	1	26	13.18	13.21	13.32		0.0
	1	49	13.22	12.81	13.31		0.0
	25	0	13.23	13.29	13.21	0-1	0.0
	25	13	13.18	13.20	13.27	0	0.0
	25	26	13.19	12.93	13.29	0-1	0.0
	50	0	13.20	13.19	13.30		0.0
DFT-s-OFDM 16QAM	1	1	13.34	13.38	13.34	0-1	0.0
CP-OFDM QPSK	1	1	13.44	13.46	13.45	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 252 of 336

Table H-253
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.73	0	0.0
	1	123	11.89		0.0
	1	243	11.82		0.0
	120	0	11.74	0-0.5	0.0
	120	63	11.89	0	0.0
	120	125	11.78	0-0.5	0.0
	243	0	11.84		0.0
DFT-s-OFDM QPSK	1	1	11.68	0	0.0
	1	123	11.89		0.0
	1	243	11.79		0.0
	120	0	11.73	0-1	0.0
	120	63	11.86	0	0.0
	120	125	11.79	0-1	0.0
	243	0	11.86		0.0
DFT-s-OFDM 16QAM	1	1	11.62	0-1	0.0
CP-OFDM QPSK	1	1	11.66	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 253 of 336

Table H-254
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.69	0	0.0
	1	109	11.94		0.0
	1	215	11.90		0.0
	108	0	11.80	0-0.5	0.0
	108	55	11.93	0	0.0
	108	109	11.87	0-0.5	0.0
	216	0	11.89		0.0
DFT-s-OFDM QPSK	1	1	11.75	0	0.0
	1	109	11.93		0.0
	1	215	11.82		0.0
	108	0	11.75	0-1	0.0
	108	55	11.90	0	0.0
	108	109	11.83	0-1	0.0
	216	0	11.89		0.0
DFT-s-OFDM 16QAM	1	1	11.62	0-1	0.0
CP-OFDM QPSK	1	1	11.64	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 254 of 336

Table H-255
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.68	0	0.0
	1	95	11.93		0.0
	1	187	11.90		0.0
	90	0	11.78	0-0.5	0.0
	90	50	11.90	0	0.0
	90	99	11.86	0-0.5	0.0
	180	0	11.77		0.0
DFT-s-OFDM QPSK	1	1	11.68	0	0.0
	1	95	11.92		0.0
	1	187	11.84		0.0
	90	0	11.75	0-1	0.0
	90	50	11.89	0	0.0
	90	99	11.84	0-1	0.0
	180	0	11.80		0.0
DFT-s-OFDM 16QAM	1	1	11.57	0-1	0.0
CP-OFDM QPSK	1	1	11.63	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 255 of 336

Table H-256
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.77	0	0.0
	1	81	11.95		0.0
	1	160	11.96		0.0
	81	0	11.77	0-0.5	0.0
	81	41	11.90	0	0.0
	81	81	11.87	0-0.5	0.0
	162	0	11.88		0.0
DFT-s-OFDM QPSK	1	1	11.76	0	0.0
	1	81	11.94		0.0
	1	160	11.95		0.0
	81	0	11.75	0-1	0.0
	81	41	11.89	0	0.0
	81	81	11.86	0-1	0.0
	162	0	11.92		0.0
DFT-s-OFDM 16QAM	1	1	11.67	0-1	0.0
CP-OFDM QPSK	1	1	11.72	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 256 of 336

Table H-257
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.70	11.73	0	0.0
	1	67	11.71	11.66		0.0
	1	131	11.91	11.73		0.0
	64	0	11.64	11.67	0-0.5	0.0
	64	35	11.72	11.68	0	0.0
	64	69	11.74	11.69	0-0.5	0.0
	128	0	11.72	11.65		0.0
DFT-s-OFDM QPSK	1	1	11.70	11.80	0	0.0
	1	67	11.70	11.70		0.0
	1	131	11.88	11.79		0.0
	64	0	11.61	11.66	0-1	0.0
	64	35	11.72	11.65	0	0.0
	64	69	11.70	11.69	0-1	0.0
	128	0	11.71	11.63		0.0
DFT-s-OFDM 16QAM	1	1	11.61	11.45	0-1	0.0
CP-OFDM QPSK	1	1	11.63	11.48	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 257 of 336

Table H-258
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.85	11.90	0	0.0
	1	53	11.83	11.90		0.0
	1	104	11.99	11.98		0.0
	50	0	11.70	11.80	0-0.5	0.0
	50	28	11.80	11.90	0	0.0
	50	56	11.83	11.91	0-0.5	0.0
	100	0	11.82	11.91		0.0
DFT-s-OFDM QPSK	1	1	11.88	11.94	0	0.0
	1	53	11.87	11.95		0.0
	1	104	11.95	11.98		0.0
	50	0	11.69	11.79	0-1	0.0
	50	28	11.78	11.87	0	0.0
	50	56	11.82	11.89	0-1	0.0
	100	0	11.79	11.90		0.0
DFT-s-OFDM 16QAM	1	1	11.52	11.64	0-1	0.0
CP-OFDM QPSK	1	1	11.61	11.69	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 258 of 336

Table H-259
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.83	11.85	11.88	0	0.0
	1	39	11.74	11.90	11.91		0.0
	1	76	11.92	11.95	11.93		0.0
	36	0	11.76	11.81	11.91	0-0.5	0.0
	36	21	11.74	11.91	11.86	0	0.0
	36	42	11.85	11.90	11.86	0-0.5	0.0
	75	0	11.74	11.87	11.87		0.0
DFT-s-OFDM QPSK	1	1	11.89	11.90	11.91	0	0.0
	1	39	11.79	11.92	11.94		0.0
	1	76	11.95	11.98	11.96		0.0
	36	0	11.72	11.87	11.87	0-1	0.0
	36	21	11.70	11.95	11.86	0	0.0
	36	42	11.81	11.95	11.87	0-1	0.0
	75	0	11.72	11.87	11.88		0.0
DFT-s-OFDM 16QAM	1	1	11.52	11.55	11.59	0-1	0.0
CP-OFDM QPSK	1	1	11.60	11.63	11.68	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 259 of 336

Table H-260
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.85	11.88	11.90	0	0.0
	1	26	11.74	11.80	11.86		0.0
	1	49	11.79	11.92	11.88		0.0
	25	0	11.76	11.80	11.78	0-0.5	0.0
	25	13	11.71	11.77	11.84	0	0.0
	25	26	11.71	11.78	11.81	0-0.5	0.0
	50	0	11.72	11.79	11.85		0.0
DFT-s-OFDM QPSK	1	1	11.89	11.93	11.92	0	0.0
	1	26	11.78	11.84	11.92		0.0
	1	49	11.79	11.96	11.90		0.0
	25	0	11.73	11.79	11.75	0-1	0.0
	25	13	11.68	11.74	11.80	0	0.0
	25	26	11.69	11.77	11.80	0-1	0.0
	50	0	11.71	11.76	11.84		0.0
DFT-s-OFDM 16QAM	1	1	11.52	11.56	11.55	0-1	0.0
CP-OFDM QPSK	1	1	11.59	11.64	11.61	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 260 of 336

Table H-261
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth
NR Band n77
90 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR [dB]
			633334 (3500.01 MHz)	MPR Allowed per 3GPP [dB]	
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.23	0	0.0
	1	123	9.12		0.0
	1	243	8.80		0.0
	120	0	9.19	0-0.5	0.0
	120	63	9.13	0	0.0
	120	125	9.01		0.0
	243	0	9.12		0-0.5
DFT-s-OFDM QPSK	1	1	9.20	0	0.0
	1	123	9.11		0.0
	1	243	8.84		0.0
	120	0	9.22	0-1	0.0
	120	63	9.17	0	0.0
	120	125	9.01		0.0
	243	0	9.13		0-1
DFT-s-OFDM 16QAM	1	1	9.18	0-1	0.0
CP-OFDM QPSK	1	1	9.15	0-1.5	0.0

Note: NR Band n77 at 90 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 261 of 336

Table H-262
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth
NR Band n77
80 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.26	0	0.0
	1	109	9.18		0.0
	1	215	8.85		0.0
	108	0	9.20	0-0.5	0.0
	108	55	9.20	0	0.0
	108	109	9.06	0-0.5	0.0
	216	0	9.17		0.0
DFT-s-OFDM QPSK	1	1	9.25	0	0.0
	1	109	9.17		0.0
	1	215	8.87		0.0
	108	0	9.26	0-1	0.0
	108	55	9.21	0	0.0
	108	109	9.13	0-1	0.0
	216	0	9.22		0.0
DFT-s-OFDM 16QAM	1	1	9.20	0-1	0.0
CP-OFDM QPSK	1	1	9.18	0-1.5	0.0

Note: NR Band n77 at 80 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 262 of 336

Table H-263
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth
NR Band n77
70 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.39	0	0.0
	1	95	9.47		0.0
	1	187	9.36		0.0
	90	0	9.47	0-0.5	0.0
	90	50	9.48	0	0.0
	90	99	9.45	0-0.5	0.0
	180	0	9.43		0.0
DFT-s-OFDM QPSK	1	1	9.30	0	0.0
	1	95	9.47		0.0
	1	187	9.38		0.0
	90	0	9.42	0-1	0.0
	90	50	9.54	0	0.0
	90	99	9.45	0-1	0.0
	180	0	9.43		0.0
DFT-s-OFDM 16QAM	1	1	9.34	0-1	0.0
CP-OFDM QPSK	1	1	9.10	0-1.5	0.0

Note: NR Band n77 at 70 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: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 263 of 336

Table H-264
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth
NR Band n77
60 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.09	0	0.0
	1	81	9.36		0.0
	1	160	9.37		0.0
	81	0	9.21	0-0.5	0.0
	81	41	9.37	0	0.0
	81	81	9.38	0-0.5	0.0
	162	0	9.30		0.0
DFT-s-OFDM QPSK	1	1	9.02	0	0.0
	1	81	9.31		0.0
	1	160	9.37		0.0
	81	0	9.54	0-1	0.0
	81	41	9.35	0	0.0
	81	81	9.38	0-1	0.0
	162	0	9.29		0.0
DFT-s-OFDM 16QAM	1	1	9.27	0-1	0.0
CP-OFDM QPSK	1	1	8.96	0-1.5	0.0

Note: NR Band n77 at 60 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: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 264 of 336

Table H-265
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.40	9.09	0	0.0
	1	67	9.34	9.00		0.0
	1	131	9.23	8.95		0.0
	64	0	9.34	9.02	0-0.5	0.0
	64	35	9.33	9.00	0	0.0
	64	69	9.25	8.97	0-0.5	0.0
	128	0	9.28	8.96		0.0
DFT-s-OFDM QPSK	1	1	9.47	9.15	0	0.0
	1	67	9.37	9.03		0.0
	1	131	9.26	8.99		0.0
	64	0	9.38	9.05	0-1	0.0
	64	35	9.33	8.99	0	0.0
	64	69	9.26	8.94	0-1	0.0
	128	0	9.33	8.97		0.0
DFT-s-OFDM 16QAM	1	1	9.51	9.21	0-1	0.0
CP-OFDM QPSK	1	1	9.49	9.20	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 265 of 336

Table H-266
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.62	9.32	0	0.0
	1	53	9.61	9.25		0.0
	1	104	9.66	9.41		0.0
	50	0	9.58	9.29	0-0.5	0.0
	50	28	9.57	9.22	0	0.0
	50	56	9.62	9.26	0-0.5	0.0
	100	0	9.56	9.25		0.0
DFT-s-OFDM QPSK	1	1	9.66	9.37	0	0.0
	1	53	9.66	9.24		0.0
	1	104	9.69	9.44		0.0
	50	0	9.62	9.22	0-1	0.0
	50	28	9.61	9.20	0	0.0
	50	56	9.60	9.23	0-1	0.0
	100	0	9.64	9.23		0.0
DFT-s-OFDM 16QAM	1	1	9.63	9.24	0-1	0.0
CP-OFDM QPSK	1	1	9.77	9.38	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 266 of 336

Table H-267
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.64	9.40	9.28	0	0.0
	1	39	9.61	9.39	9.19		0.0
	1	76	9.64	9.42	9.34		0.0
	36	0	9.61	9.45	9.23	0-0.5	0.0
	36	21	9.59	9.38	9.18	0	0.0
	36	42	9.58	9.40	9.19	0-0.5	0.0
	75	0	9.59	9.40	9.17		0.0
DFT-s-OFDM QPSK	1	1	9.66	9.45	9.26	0	0.0
	1	39	9.63	9.41	9.19		0.0
	1	76	9.69	9.47	9.39		0.0
	36	0	9.59	9.43	9.16	0-1	0.0
	36	21	9.63	9.40	9.17	0	0.0
	36	42	9.65	9.42	9.14	0-1	0.0
	75	0	9.64	9.40	9.21		0.0
DFT-s-OFDM 16QAM	1	1	9.74	9.32	9.18	0-1	0.0
CP-OFDM QPSK	1	1	9.77	9.29	9.37	0-1.5	0.0




FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 267 of 336

Table H-268
NR Band n77 DOD Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.73	9.47	9.21	0	0.0
	1	26	9.64	9.34	9.15		0.0
	1	49	9.68	9.37	9.19		0.0
	25	0	9.64	9.34	9.17	0-0.5	0.0
	25	13	9.63	9.32	9.15	0	0.0
	25	26	9.61	9.32	9.11	0-0.5	0.0
	50	0	9.59	9.34	9.16		0.0
DFT-s-OFDM QPSK	1	1	9.73	9.45	9.28	0	0.0
	1	26	9.66	9.43	9.21		0.0
	1	49	9.67	9.41	9.22		0.0
	25	0	9.67	9.44	9.22	0-1	0.0
	25	13	9.61	9.33	9.17	0	0.0
	25	26	9.60	9.36	9.16	0-1	0.0
	50	0	9.58	9.31	9.19		0.0
DFT-s-OFDM 16QAM	1	1	9.66	9.44	9.24	0-1	0.0
CP-OFDM QPSK	1	1	9.74	9.38	9.41	0-1.5	0.0

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 268 of 336

H.2.1 NR Band n77 C Band

Table H-269

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.58	19.05	19.38	0	0.0
	1	123	18.79	19.24	19.19		0.0
	1	243	18.84	19.36	19.15		0.0
	120	0	18.72	19.16	19.25	0-0.5	0.0
	120	63	18.73	19.25	19.28	0	0.0
	120	125	18.75	19.39	19.25	0-0.5	0.0
	243	0	18.69	19.21	19.27		0.0
DFT-s-OFDM QPSK	1	1	18.60	19.14	19.45	0	0.0
	1	123	18.80	19.27	19.26		0.0
	1	243	18.89	19.40	19.21		0.0
	120	0	18.71	19.16	19.24	0-1	0.0
	120	63	18.78	19.25	19.22	0	0.0
	120	125	18.76	19.38	19.23	0-1	0.0
	243	0	18.77	19.23	19.27		0.0
DFT-s-OFDM 16QAM	1	1	18.53	19.07	19.39	0-1	0.0
CP-OFDM QPSK	1	1	18.44	19.00	19.31	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 269 of 336

Table H-270

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.61	18.88	18.94	0	0.0
	1	109	18.68	19.05	19.25		0.0
	1	215	18.70	19.10	18.95		0.0
	108	0	18.68	18.97	19.05	0-0.5	0.0
	108	55	18.78	19.10	19.25	0	0.0
	108	109	18.70	19.13	19.15	0-0.5	0.0
	216	0	18.80	19.05	19.13		0.0
DFT-s-OFDM QPSK	1	1	18.70	18.98	19.07	0	0.0
	1	109	18.81	19.14	19.35		0.0
	1	215	18.73	19.17	19.00		0.0
	108	0	18.66	18.97	19.07	0-1	0.0
	108	55	18.71	19.09	19.25	0	0.0
	108	109	18.67	19.12	19.15	0-1	0.0
	216	0	18.68	19.02	19.13		0.0
DFT-s-OFDM 16QAM	1	1	18.64	18.88	18.94	0-1	0.0
CP-OFDM QPSK	1	1	18.52	18.78	18.85	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 270 of 336

Table H-271

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.57	18.81	19.06	19.06	0	0.0
	1	95	18.69	19.09	19.26	19.33		0.0
	1	187	18.63	19.10	19.09	19.00		0.0
	90	0	18.60	18.92	19.11	19.23	0-0.5	0.0
	90	50	18.68	19.10	19.15	19.27	0	0.0
	90	99	18.62	19.07	19.15	19.14	0-0.5	0.0
	180	0	18.66	18.93	19.11	19.20		0.0
DFT-s-OFDM QPSK	1	1	18.59	18.80	19.10	19.05	0	0.0
	1	95	18.74	19.12	19.30	19.34		0.0
	1	187	18.70	19.13	19.12	19.01		0.0
	90	0	18.67	18.93	19.13	19.22	0-1	0.0
	90	50	18.79	19.06	19.14	19.26	0	0.0
	90	99	18.71	19.07	19.20	19.14	0-1	0.0
	180	0	18.71	18.94	19.11	19.19		0.0
DFT-s-OFDM 16QAM	1	1	18.78	18.90	19.22	19.13	0-1	0.0
CP-OFDM QPSK	1	1	18.71	18.85	19.14	19.07	0-1.5	0.0

Table H-272

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.52	18.80	19.13	19.06	0	0.0
	1	81	18.74	18.93	19.27	19.40		0.0
	1	160	18.72	19.16	19.03	19.06		0.0
	81	0	18.60	18.90	19.21	19.22	0-0.5	0.0
	81	41	18.69	18.86	19.25	19.25	0	0.0
	81	81	18.68	19.02	19.17	19.24	0-0.5	0.0
	162	0	18.67	18.88	19.19	19.16		0.0
DFT-s-OFDM QPSK	1	1	18.54	18.79	19.20	19.16	0	0.0
	1	81	18.76	18.95	19.28	19.38		0.0
	1	160	18.75	19.14	19.07	19.09		0.0
	81	0	18.58	18.89	19.20	19.22	0-1	0.0
	81	41	18.70	18.95	19.24	19.23	0	0.0
	81	81	18.65	19.05	19.15	19.23	0-1	0.0
	162	0	18.67	18.95	19.21	19.23		0.0
DFT-s-OFDM 16QAM	1	1	18.62	18.90	19.25	19.22	0-1	0.0
CP-OFDM QPSK	1	1	18.60	18.85	19.21	19.22	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 271 of 336

Table H-273

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.89	18.90	19.23	19.32	19.35	0	0.0
	1	67	18.98	19.06	19.30	19.23	19.43		0.0
	1	131	18.91	19.27	19.35	19.30	19.25		0.0
	64	0	18.91	19.12	19.36	19.31	19.45	0-0.5	0.0
	64	35	19.00	19.14	19.39	19.26	19.44	0	0.0
	64	69	18.93	19.25	19.42	19.30	19.37	0-0.5	0.0
	128	0	18.96	19.12	19.38	19.31	19.43		0.0
DFT-s-OFDM QPSK	1	1	18.90	18.98	19.38	19.36	19.45	0	0.0
	1	67	18.98	19.11	19.37	19.31	19.46		0.0
	1	131	18.90	19.33	19.45	19.48	19.40		0.0
	64	0	18.88	19.11	19.42	19.29	19.39	0-1	0.0
	64	35	18.98	19.13	19.43	19.27	19.35	0	0.0
	64	69	18.93	19.25	19.47	19.32	19.25	0-1	0.0
	128	0	18.97	19.11	19.40	19.30	19.30		0.0
DFT-s-OFDM 16QAM	1	1	18.97	19.06	19.45	19.43	19.48	0-1	0.0
CP-OFDM QPSK	1	1	18.89	19.02	19.06	19.08	19.35	0-1.5	0.0

Table H-274

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.06	19.25	19.36	19.47	19.41	19.45	0	0.0
	1	53	19.16	19.21	19.33	19.38	19.18	19.33		0.0
	1	104	19.03	19.42	19.45	19.48	19.48	19.25		0.0
	50	0	19.04	19.12	19.34	19.38	19.16	19.47	0-0.5	0.0
	50	28	19.14	19.19	19.38	19.41	19.22	19.38	0	0.0
	50	56	19.17	19.26	19.46	19.48	19.40	19.41	0-0.5	0.0
	100	0	19.06	19.21	19.40	19.45	19.27	19.35		0.0
DFT-s-OFDM QPSK	1	1	19.17	19.29	19.44	19.47	19.44	19.46	0	0.0
	1	53	19.20	19.26	19.46	19.48	19.25	19.33		0.0
	1	104	19.15	19.38	19.47	19.49	19.49	19.40		0.0
	50	0	19.08	19.10	19.38	19.38	19.15	19.32	0-1	0.0
	50	28	19.17	19.22	19.35	19.44	19.20	19.40	0	0.0
	50	56	19.18	19.25	19.45	19.35	19.39	19.43	0-1	0.0
	100	0	19.05	19.23	19.40	19.40	19.28	19.41		0.0
DFT-s-OFDM 16QAM	1	1	19.15	19.28	19.42	19.43	19.45	19.47	0-1	0.0
CP-OFDM QPSK	1	1	18.91	19.04	19.25	19.30	19.28	19.38	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 272 of 336

Table H-275

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.97	18.92	19.21	19.20	19.15	19.35	0	0.0
	1	39	18.87	18.99	19.23	19.18	19.33	19.27		0.0
	1	76	18.96	18.78	19.39	19.25	19.45	19.25		0.0
	36	0	18.93	18.99	19.17	19.20	19.27	19.36	0-0.5	0.0
	36	21	18.89	19.10	19.18	19.21	19.31	19.29	0	0.0
	36	42	18.99	19.13	19.30	19.15	19.44	19.41	0-0.5	0.0
	75	0	18.90	19.12	19.19	19.21	19.30	19.33	0	0.0
DFT-s-OFDM QPSK	1	1	19.11	19.02	19.16	19.35	19.24	19.48	0	0.0
	1	39	18.97	19.11	19.25	19.35	19.32	19.40		0.0
	1	76	19.05	19.19	19.39	19.33	19.48	19.39		0.0
	36	0	18.91	18.88	19.10	19.16	19.26	19.34	0-1	0.0
	36	21	18.88	18.99	19.11	19.20	19.32	19.25	0	0.0
	36	42	18.98	19.02	19.22	19.15	19.44	19.38	0	0.0
	75	0	18.89	19.01	19.10	19.19	19.33	19.32	0-1	0.0
DFT-s-OFDM 16QAM	1	1	18.98	18.94	19.04	19.25	19.22	19.46	0-1	0.0
CP-OFDM QPSK	1	1	18.90	18.88	18.98	19.20	19.15	19.41	0-1.5	0.0

Table H-276

NR Band n77 C Band Ant F Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.85	18.99	19.17	19.22	19.25	19.33	0	0.0
	1	26	18.90	19.05	19.24	19.20	19.35	19.38		0.0
	1	49	18.98	19.12	19.32	19.19	19.45	19.24		0.0
	25	0	18.95	19.00	19.13	19.15	19.32	19.37	0-0.5	0.0
	25	13	18.88	18.93	19.20	19.22	19.33	19.31	0	0.0
	25	26	18.91	18.95	19.23	19.16	19.35	19.33	0-0.5	0.0
	50	0	18.92	18.93	19.22	19.20	19.36	19.34	0	0.0
DFT-s-OFDM QPSK	1	1	19.00	18.86	19.18	19.25	19.26	19.39	0	0.0
	1	26	19.02	18.93	19.22	19.19	19.35	19.32		0.0
	1	49	19.06	18.99	19.29	19.18	19.43	19.37		0.0
	25	0	18.93	18.93	19.14	19.18	19.34	19.38	0-1	0.0
	25	13	18.90	18.90	19.18	19.16	19.30	19.32	0	0.0
	25	26	18.89	18.91	19.24	19.17	19.33	19.32	0	0.0
	50	0	18.90	18.89	19.22	19.21	19.31	19.33	0-1	0.0
DFT-s-OFDM 16QAM	1	1	18.85	18.87	19.19	19.27	19.25	19.40	0-1	0.0
CP-OFDM QPSK	1	1	18.82	18.74	19.07	19.12	19.13	19.35	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 273 of 336

Table H-277
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.62	17.73	17.77	0	0.0
	1	123	17.81	17.74	17.79		0.0
	1	243	17.56	17.75	17.84		0.0
	120	0	17.68	17.73	17.82	0-0.5	0.0
	120	63	17.80	17.71	17.81	0	0.0
	120	125	17.78	17.80	17.66	0-0.5	0.0
	243	0	17.67	17.71	17.71		0.0
DFT-s-OFDM QPSK	1	1	17.61	17.92	17.90	0	0.0
	1	123	17.74	17.74	18.00		0.0
	1	243	17.67	17.76	17.37		0.0
	120	0	17.61	17.72	17.81	0-1	0.0
	120	63	17.77	17.74	18.01	0	0.0
	120	125	17.73	17.81	17.66	0-1	0.0
243	0	17.59	17.71	17.70	0.0		
DFT-s-OFDM 16QAM	1	1	17.76	18.03	17.98	0-1	0.0
CP-OFDM QPSK	1	1	17.61	17.97	17.92	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 274 of 336

Table H-278
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.46	17.81	17.81	0	0.0
	1	109	17.70	17.80	17.84		0.0
	1	215	17.61	17.79	17.95		0.0
	108	0	17.57	17.77	17.91	0-0.5	0.0
	108	55	17.73	17.80	17.83	0	0.0
	108	109	17.67	17.78	17.69	0-0.5	0.0
	216	0	17.61	17.77	17.73		0.0
DFT-s-OFDM QPSK	1	1	17.47	17.85	17.81	0	0.0
	1	109	17.68	17.78	18.02		0.0
	1	215	17.59	17.76	17.42		0.0
	108	0	17.54	17.75	17.92	0-1	0.0
	108	55	17.71	17.80	18.10	0	0.0
	108	109	17.68	17.81	17.68	0-1	0.0
	216	0	17.55	17.75	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.59	18.05	17.96	0-1	0.0
CP-OFDM QPSK	1	1	17.61	17.98	17.88	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 275 of 336

Table H-279
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.51	17.89	17.79	17.81	0	0.0
	1	95	17.68	17.83	17.90	17.84		0.0
	1	187	17.72	17.79	17.91	17.99		0.0
	90	0	17.52	17.89	17.87	17.91	0-0.5	0.0
	90	50	17.71	17.88	17.98	17.76	0	0.0
	90	99	17.79	17.84	17.97	17.69	0-0.5	0.0
180	0	17.61	17.82	17.81	17.84	0.0		
DFT-s-OFDM QPSK	1	1	17.52	17.91	17.91	17.97	0	0.0
	1	95	17.71	17.85	17.98	18.00		0.0
	1	187	17.78	17.78	17.94	17.56		0.0
	90	0	17.51	17.89	17.83	18.04	0-1	0.0
	90	50	17.68	17.85	17.98	17.99	0	0.0
	90	99	17.78	17.83	17.92	17.80	0-1	0.0
180	0	17.62	17.81	17.79	17.83	0.0		
DFT-s-OFDM 16QAM	1	1	17.64	18.01	17.96	18.03	0-1	0.0
CP-OFDM QPSK	1	1	17.58	17.99	17.86	18.12	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 276 of 336

Table H-280
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.54	17.86	17.84	18.12	0	0.0
	1	81	17.66	17.84	17.98	17.97		0.0
	1	160	17.73	17.90	18.09	17.74		0.0
	81	0	17.56	17.76	17.87	18.01	0-0.5	0.0
	81	41	17.65	17.86	17.96	17.96	0	0.0
	81	81	17.77	17.89	18.05	17.85	0-0.5	0.0
	162	0	17.64	17.84	17.94	17.84		0.0
DFT-s-OFDM QPSK	1	1	17.56	17.94	17.87	18.09	0	0.0
	1	81	17.71	17.87	17.97	17.98		0.0
	1	160	17.81	17.94	18.12	17.77		0.0
	81	0	17.55	17.79	17.88	17.98	0-1	0.0
	81	41	17.65	17.84	17.98	17.95	0	0.0
	81	81	17.79	17.90	18.04	17.81	0-1	0.0
	162	0	17.64	17.82	17.95	17.85		0.0
DFT-s-OFDM 16QAM	1	1	17.66	18.00	17.97	18.18	0-1	0.0
CP-OFDM QPSK	1	1	17.54	17.89	17.84	18.09	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 277 of 336

Table H-281
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.90	18.15	18.12	17.99	18.22	0	0.0
	1	67	17.92	18.07	18.09	18.07	18.14		0.0
	1	131	17.91	18.16	18.14	18.26	17.94		0.0
	64	0	17.82	18.15	18.16	18.04	18.35	0-0.5	0.0
	64	35	17.95	18.14	18.16	18.13	18.22	0	0.0
	64	69	18.06	18.17	18.18	18.21	18.23	0-0.5	0.0
DFT-s-OFDM QPSK	128	0	17.93	18.16	18.20	18.14	18.24	0	0.0
	1	1	17.81	18.13	18.15	18.04	18.26		0.0
	1	67	17.89	18.01	18.13	18.09	18.14		0.0
	1	131	17.99	18.18	18.16	18.38	18.04	0-1	0.0
	64	0	17.83	18.11	18.14	18.22	18.33	0	0.0
	64	35	17.90	18.13	18.21	18.28	18.18	0	0.0
DFT-s-OFDM 16QAM	64	69	18.03	18.18	18.20	18.29	18.21	0-1	0.0
	128	0	17.91	18.13	18.19	18.22	18.22		0.0
	1	1	17.96	18.20	18.25	18.46	18.34		0-1
CP-OFDM QPSK	1	1	17.85	18.09	18.10	18.08	18.48	0-1.5	0.0

Table H-282
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.94	18.20	18.32	18.38	18.25	18.27	0	0.0
	1	53	17.87	18.15	18.29	18.24	18.17	18.24		0.0
	1	104	17.86	18.18	18.37	18.39	18.37	17.93		0.0
	50	0	17.88	18.25	18.34	18.25	18.25	18.26	0-0.5	0.0
	50	28	17.93	18.18	18.32	18.27	18.24	18.31	0	0.0
	50	56	17.97	18.23	18.37	18.38	18.33	18.24	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	17.99	18.18	18.31	18.34	18.26	18.28	0	0.0
	1	1	17.98	18.23	18.35	18.39	18.26	18.25		0.0
	1	53	17.86	18.14	18.27	18.23	18.18	18.22		0.0
	1	104	17.94	18.19	18.38	18.39	18.36	18.04	0.0	
	50	0	17.90	18.22	18.35	18.26	18.24	18.34	0-1	0.0
	50	28	17.98	18.19	18.33	18.30	18.23	18.33	0	0.0
DFT-s-OFDM 16QAM	50	56	17.99	18.24	18.41	18.37	18.28	18.23	0-1	0.0
	100	0	18.00	18.20	18.32	18.28	18.24	18.25		0.0
	1	1	18.15	18.40	18.49	18.43	18.42	18.38		0-1
CP-OFDM QPSK	1	1	18.01	18.38	18.40	18.42	18.29	18.43	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 278 of 336

Table H-283
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.96	18.18	18.15	18.22	18.26	18.25	0	0.0	
	1	39	17.88	18.23	18.21	18.20	18.40	18.21		0.0	
	1	76	17.92	18.24	18.34	18.34	18.37	17.94		0.0	
		36	0	18.00	18.27	18.29	18.21	18.35	18.28	0-0.5	0.0
		36	21	17.95	18.26	18.27	18.26	18.41	18.25	0	0.0
		36	42	18.04	18.29	18.25	18.30	18.42	18.18	0-0.5	0.0
		75	0	17.96	18.26	18.27	18.28	18.30	18.31	0.0	0.0
DFT-s-OFDM QPSK	1	1	17.99	18.19	18.24	18.27	18.34	18.33	0	0.0	
	1	39	17.89	18.22	18.26	18.22	18.38	18.21		0.0	
	1	76	17.97	18.28	18.36	18.42	18.41	18.01		0.0	
		36	0	17.97	18.29	18.30	18.21	18.33	18.27	0-1	0.0
		36	21	17.94	18.24	18.28	18.26	18.42	18.28	0	0.0
		36	42	18.05	18.29	18.27	18.27	18.37	18.22	0-1	0.0
		75	0	17.97	18.27	18.29	18.29	18.21	18.34	0.0	0.0
DFT-s-OFDM 16QAM	1	1	18.21	18.37	18.42	18.46	18.38	18.32	0-1	0.0	
CP-OFDM QPSK	1	1	18.03	18.24	18.28	18.31	18.32	18.41	0-1.5	0.0	

Table H-284
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.87	18.27	18.29	18.24	18.27	18.27	0	0.0	
	1	26	17.92	18.31	18.25	18.22	18.32	18.34		0.0	
	1	49	17.84	18.29	18.38	18.25	18.38	17.95		0.0	
		25	0	18.00	18.28	18.31	18.21	18.33	18.33	0-0.5	0.0
		25	13	17.92	18.32	18.28	18.22	18.36	18.31	0	0.0
		25	26	17.97	18.31	18.37	18.25	18.47	18.24	0-0.5	0.0
		50	0	17.94	18.31	18.26	18.28	18.29	18.35	0.0	0.0
DFT-s-OFDM QPSK	1	1	17.93	18.27	18.33	18.20	18.38	18.31	0	0.0	
	1	26	17.91	18.28	18.28	18.22	18.36	18.26		0.0	
	1	49	17.95	18.26	18.37	18.26	18.42	18.02		0.0	
		25	0	17.93	18.28	18.35	18.26	18.31	18.28	0-1	0.0
		25	13	17.89	18.31	18.28	18.22	18.39	18.31	0	0.0
		25	26	17.92	18.30	18.41	18.21	18.39	18.20	0-1	0.0
		50	0	17.93	18.28	18.35	18.26	18.27	18.33	0.0	0.0
DFT-s-OFDM 16QAM	1	1	18.21	18.41	18.42	18.44	18.35	18.37	0-1	0.0	
CP-OFDM QPSK	1	1	18.01	18.34	18.41	18.29	18.34	18.36	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 279 of 336

Table H-285
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.01	15.07	15.31	0	0.0
	1	123	15.27	15.40	15.49		0.0
	1	243	15.04	15.24	15.12		0.0
	120	0	15.06	15.25	15.45	0-0.5	0.0
	120	63	15.26	15.33	15.49	0	0.0
	120	125	15.21	15.28	15.25	0-0.5	0.0
	243	0	15.13	15.28	15.41		0.0
DFT-s-OFDM QPSK	1	1	15.00	15.11	15.34	0	0.0
	1	123	15.23	15.34	15.46		0.0
	1	243	15.02	15.21	15.16		0.0
	120	0	15.01	15.25	15.48	0-1	0.0
	120	63	15.20	15.35	15.47	0	0.0
	120	125	15.19	15.26	15.29	0-1	0.0
	243	0	15.16	15.29	15.42		0.0
DFT-s-OFDM 16QAM	1	1	14.84	15.05	15.13	0-1	0.0
CP-OFDM QPSK	1	1	15.06	15.17	15.37	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 280 of 336

Table H-286
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.88	15.16	15.37	0	0.0
	1	109	15.20	15.29	15.45		0.0
	1	215	14.95	15.32	15.16		0.0
	108	0	14.94	15.23	15.50	0-0.5	0.0
	108	55	15.21	15.33	15.52	0	0.0
	108	109	15.26	15.28	15.40	0-0.5	0.0
	216	0	15.21	15.34	15.47		0.0
DFT-s-OFDM QPSK	1	1	15.01	15.18	15.53	0	0.0
	1	109	15.29	15.35	15.51		0.0
	1	215	15.00	15.31	15.23		0.0
	108	0	15.07	15.23	15.49	0-1	0.0
	108	55	15.27	15.30	15.52	0	0.0
	108	109	15.26	15.25	15.41	0-1	0.0
	216	0	15.22	15.27	15.52		0.0
DFT-s-OFDM 16QAM	1	1	14.92	15.00	15.33	0-1	0.0
CP-OFDM QPSK	1	1	15.15	15.26	15.56	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 281 of 336

Table H-287
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.05	15.19	15.25	15.48	0	0.0
	1	95	15.28	15.32	15.35	15.44		0.0
	1	187	15.21	15.16	15.49	15.19		0.0
	90	0	15.10	15.27	15.25	15.57	0-0.5	0.0
	90	50	15.25	15.32	15.37	15.45	0	0.0
	90	99	15.28	15.37	15.46	15.34	0-0.5	0.0
	180	0	15.24	15.25	15.37	15.44		0.0
DFT-s-OFDM QPSK	1	1	15.06	15.18	15.33	15.46	0	0.0
	1	95	15.29	15.33	15.45	15.45		0.0
	1	187	15.19	15.23	15.43	15.25		0.0
	90	0	15.08	15.26	15.27	15.55	0-1	0.0
	90	50	15.26	15.32	15.44	15.46	0	0.0
	90	99	15.31	15.42	15.55	15.35	0-1	0.0
	180	0	15.24	15.33	15.38	15.45		0.0
DFT-s-OFDM 16QAM	1	1	14.90	15.17	15.21	15.38	0-1	0.0
CP-OFDM QPSK	1	1	15.11	15.35	15.37	15.58	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 282 of 336

Table H-288
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.95	15.12	15.21	15.33	0	0.0
	1	81	15.23	15.14	15.36	15.33		0.0
	1	160	15.25	15.31	15.34	15.28		0.0
	81	0	15.04	15.22	15.30	15.44	0-0.5	0.0
	81	41	15.10	15.32	15.33	15.40	0	0.0
	81	81	15.23	15.38	15.41	15.35	0-0.5	0.0
	162	0	15.07	15.27	15.29	15.40		0.0
DFT-s-OFDM QPSK	1	1	15.03	15.15	15.21	15.45	0	0.0
	1	81	15.26	15.28	15.36	15.39		0.0
	1	160	15.27	15.25	15.34	15.30		0.0
	81	0	15.04	15.25	15.28	15.43	0-1	0.0
	81	41	15.13	15.31	15.31	15.41	0	0.0
	81	81	15.28	15.40	15.37	15.35	0-1	0.0
	162	0	15.10	15.27	15.29	15.40		0.0
DFT-s-OFDM 16QAM	1	1	14.86	15.01	15.05	15.27	0-1	0.0
CP-OFDM QPSK	1	1	15.08	15.26	15.26	15.48	0-1.5	0.0

Table H-289
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	14.95	14.96	15.26	15.20	15.29	0	0.0
	1	67	14.96	15.25	15.38	15.46	15.44		0.0
	1	131	14.97	15.41	15.38	15.67	15.34		0.0
	64	0	15.00	15.24	15.50	15.37	15.62	0-0.5	0.0
	64	35	15.01	15.28	15.45	15.52	15.56	0	0.0
	64	69	15.04	15.39	15.51	15.62	15.50	0-0.5	0.0
	128	0	14.95	15.22	15.42	15.51	15.57		0.0
DFT-s-OFDM QPSK	1	1	15.02	15.02	15.34	15.19	15.55	0	0.0
	1	67	14.99	15.25	15.54	15.48	15.67		0.0
	1	131	15.00	15.52	15.55	15.69	15.41		0.0
	64	0	15.04	15.21	15.52	15.41	15.55	0-1	0.0
	64	35	15.05	15.30	15.54	15.54	15.74	0	0.0
	64	69	15.11	15.42	15.61	15.57	15.61	0-1	0.0
	128	0	15.02	15.28	15.55	15.52	15.54		0.0
DFT-s-OFDM 16QAM	1	1	15.55	15.24	15.36	15.18	15.23	0-1	0.0
CP-OFDM QPSK	1	1	15.28	14.89	15.39	15.21	15.22	0-1.5	0.0


FCC ID: A3LSMF711U		SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 283 of 336

Table H-290
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.14	15.49	15.55	15.57	15.58	15.37	0	0.0
	1	53	15.02	15.55	15.56	15.53	15.67	15.17		0.0
	1	104	15.25	15.62	15.58	15.75	15.75	15.35		0.0
	50	0	15.10	15.59	15.48	15.50	15.66	15.28	0-0.5	0.0
	50	28	15.13	15.56	15.52	15.57	15.65	15.21	0	0.0
	50	56	15.37	15.53	15.56	15.63	15.67	15.25	0-0.5	0.0
	100	0	15.05	15.54	15.57	15.65	15.72	15.30	0.0	0.0
DFT-s-OFDM QPSK	1	1	15.22	15.61	15.56	15.70	15.62	15.44	0	0.0
	1	53	15.12	15.62	15.59	15.62	15.63	15.23		0.0
	1	104	15.27	15.69	15.63	15.81	15.73	15.36		0.0
	50	0	15.12	15.57	15.43	15.51	15.51	15.30	0-1	0.0
	50	28	15.11	15.55	15.55	15.58	15.61	15.26	0	0.0
	50	56	15.29	15.53	15.56	15.64	15.63	15.29	0-1	0.0
	100	0	15.18	15.58	15.61	15.61	15.67	15.30	0.0	0.0
DFT-s-OFDM 16QAM	1	1	15.14	15.55	15.50	15.63	15.59	15.42	0-1	0.0
CP-OFDM QPSK	1	1	15.17	15.53	15.52	15.64	15.64	15.40	0-1.5	0.0

Table H-291
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.17	15.25	15.42	15.46	15.67	15.50	0	0.0
	1	39	15.21	15.22	15.48	15.51	15.77	15.30		0.0
	1	76	15.22	15.39	15.54	15.73	15.87	15.37		0.0
	36	0	15.29	15.30	15.43	15.40	15.73	15.39	0-0.5	0.0
	36	21	15.24	15.28	15.50	15.52	15.77	15.32	0	0.0
	36	42	15.30	15.33	15.53	15.57	15.74	15.45	0-0.5	0.0
	75	0	15.31	15.29	15.50	15.55	15.76	15.36	0.0	0.0
DFT-s-OFDM QPSK	1	1	15.37	15.31	15.41	15.51	15.82	15.53	0	0.0
	1	39	15.29	15.26	15.51	15.55	15.83	15.35		0.0
	1	76	15.35	15.45	15.53	15.78	15.91	15.38		0.0
	36	0	15.32	15.30	15.44	15.45	15.71	15.40	0-1	0.0
	36	21	15.28	15.27	15.51	15.54	15.75	15.32	0	0.0
	36	42	15.30	15.31	15.50	15.57	15.76	15.47	0-1	0.0
	75	0	15.29	15.28	15.54	15.56	15.75	15.29	0.0	0.0
DFT-s-OFDM 16QAM	1	1	15.23	15.24	15.36	15.46	15.66	15.33	0-1	0.0
CP-OFDM QPSK	1	1	15.26	15.26	15.38	15.44	15.65	15.40	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 284 of 336

Table H-292
NR Band n77 C Band Ant F Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.22	15.46	15.72	15.68	15.60	15.37	0	0.0
	1	26	15.25	15.37	15.77	15.69	15.67	15.47		0.0
	1	49	15.26	15.44	15.82	15.75	15.72	15.35		0.0
	25	0	15.18	15.45	15.79	15.71	15.70	15.54	0-0.5	0.0
	25	13	15.23	15.38	15.73	15.65	15.71	15.46	0	0.0
	25	26	15.22	15.48	15.73	15.73	15.72	15.47	0-0.5	0.0
	50	0	15.23	15.52	15.75	15.67	15.73	15.49		0.0
DFT-s-OFDM QPSK	1	1	15.23	15.61	15.81	15.76	15.74	15.53	0	0.0
	1	26	15.19	15.54	15.75	15.81	15.78	15.41		0.0
	1	49	15.28	15.66	15.85	15.87	15.75	15.39		0.0
	25	0	15.22	15.56	15.79	15.72	15.66	15.45	0-1	0.0
	25	13	15.21	15.51	15.75	15.66	15.63	15.38	0	0.0
	25	26	15.19	15.59	15.75	15.79	15.69	15.40	0-1	0.0
	50	0	15.20	15.58	15.77	15.72	15.67	15.43		0.0
DFT-s-OFDM 16QAM	1	1	15.20	15.64	15.82	15.84	15.66	15.59	0-1	0.0
CP-OFDM QPSK	1	1	15.13	15.53	15.71	15.73	15.85	15.49	0-1.5	0.0

Table H-293
NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.68	16.70	16.69	0	0.0
	1	123	16.57	16.86	16.88		0.0
	1	243	16.51	16.75	16.58		0.0
	120	0	16.72	16.80	16.76	0-0.5	0.0
	120	63	16.58	16.83	16.88	0	0.0
	120	125	16.50	16.91	16.76	0-0.5	0.0
	243	0	16.65	16.77	16.84		0.0
DFT-s-OFDM QPSK	1	1	16.71	16.73	16.69	0	0.0
	1	123	16.53	16.84	16.90		0.0
	1	243	16.49	16.70	16.53		0.0
	120	0	16.71	16.79	16.78	0-1	0.0
	120	63	16.57	16.83	16.87	0	0.0
	120	125	16.53	16.89	16.74	0-1	0.0
	243	0	16.61	16.78	16.78		0.0
DFT-s-OFDM 16QAM	1	1	16.66	16.64	16.57	0-1	0.0
CP-OFDM QPSK	1	1	16.74	16.75	16.72	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 285 of 336

Table H-294

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.83	16.67	16.57	0	0.0
	1	109	16.65	16.81	16.85		0.0
	1	215	16.51	16.75	16.51		0.0
	108	0	16.70	16.78	16.68	0-0.5	0.0
	108	55	16.68	16.85	16.82	0	0.0
	108	109	16.55	16.85	16.75	0-0.5	0.0
	216	0	16.66	16.74	16.72		0.0
DFT-s-OFDM QPSK	1	1	16.81	16.67	16.58	0	0.0
	1	109	16.62	16.82	16.82		0.0
	1	215	16.49	16.72	16.47		0.0
	108	0	16.66	16.75	16.65	0-1	0.0
	108	55	16.66	16.80	16.83	0	0.0
	108	109	16.51	16.79	16.69	0-1	0.0
	216	0	16.64	16.76	16.73		0.0
DFT-s-OFDM 16QAM	1	1	16.53	16.54	16.47	0-1	0.0
CP-OFDM QPSK	1	1	16.73	16.70	16.62	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 286 of 336

Table H-295

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.65	16.62	16.74	16.58	0	0.0
	1	95	16.71	16.81	16.88	16.85		0.0
	1	187	16.60	16.83	16.68	16.59		0.0
	90	0	16.69	16.73	16.77	16.82	0-0.5	0.0
	90	50	16.72	16.81	16.75	16.87	0	0.0
	90	99	16.62	16.84	16.79	16.69	0-0.5	0.0
	180	0	16.70	16.72	16.75	16.79		0.0
DFT-s-OFDM QPSK	1	1	16.66	16.60	16.71	16.56	0	0.0
	1	95	16.65	16.82	16.86	16.83		0.0
	1	187	16.51	16.78	16.69	16.51		0.0
	90	0	16.72	16.72	16.78	16.78	0-1	0.0
	90	50	16.70	16.83	16.77	16.85	0	0.0
	90	99	16.58	16.79	16.77	16.70	0-1	0.0
	180	0	16.71	16.71	16.73	16.77		0.0
DFT-s-OFDM 16QAM	1	1	16.53	16.49	16.59	16.50	0-1	0.0
CP-OFDM QPSK	1	1	16.73	16.70	16.81	16.65	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 287 of 336

Table H-296

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.93	16.85	17.01	16.71	0	0.0
	1	81	16.67	16.97	17.08	16.96		0.0
	1	160	16.88	17.04	16.72	16.61		0.0
	81	0	16.93	16.93	17.04	16.82	0-0.5	0.0
	81	41	17.00	16.95	16.99	16.78	0	0.0
	81	81	16.88	17.00	16.90	16.77	0-0.5	0.0
162	0	16.94	16.96	17.01	16.60	0.0		
DFT-s-OFDM QPSK	1	1	16.84	16.81	16.94	16.64	0	0.0
	1	81	16.85	16.84	16.91	16.82		0.0
	1	160	16.76	16.96	16.65	16.48		0.0
	81	0	16.94	16.92	17.03	16.76	0-1	0.0
	81	41	16.94	16.94	17.01	16.80	0	0.0
	81	81	16.89	16.99	16.94	16.76	0-1	0.0
162	0	16.92	16.92	16.97	16.70	0.0		
DFT-s-OFDM 16QAM	1	1	17.05	16.98	17.08	16.96	0-1	0.0
CP-OFDM QPSK	1	1	16.99	16.90	16.98	16.74	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 288 of 336

Table H-297

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.92	17.08	17.16	17.00	17.05	0	0.0
	1	67	17.06	17.13	17.19	16.91	17.10		0.0
	1	131	16.87	17.25	17.25	17.08	16.75		0.0
	64	0	16.95	17.16	17.25	17.03	17.17	0-0.5	0.0
	64	35	17.02	17.15	17.21	16.94	17.12	0	0.0
	64	69	16.93	17.21	17.25	16.92	16.99	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	16.99	17.06	17.21	17.06	17.13	0	0.0
	1	67	17.09	17.19	17.25	16.97	17.14		0.0
	1	131	16.97	17.25	17.19	17.12	16.82		0.0
	64	0	16.96	17.16	17.26	17.00	17.13	0-1	0.0
	64	35	17.05	17.14	17.20	16.95	17.11	0	0.0
	64	69	16.97	17.17	17.24	16.92	16.91	0-1	0.0
DFT-s-OFDM 16QAM	1	1	16.86	16.95	17.10	16.95	17.04	0-1	0.0
CP-OFDM QPSK	1	1	16.70	16.86	16.95	16.77	16.84	0-1.5	0.0

Table H-298

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.08	17.10	17.21	17.24	17.04	17.06	0	0.0
	1	53	17.03	17.02	17.09	17.07	16.75	16.86		0.0
	1	104	16.84	17.07	17.24	17.08	17.08	16.75		0.0
	50	0	17.00	16.95	17.13	17.05	16.80	16.98	0-0.5	0.0
	50	28	17.05	17.01	17.08	17.08	16.76	16.86	0	0.0
	50	56	17.05	17.00	17.15	16.99	16.96	16.85	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	16.96	17.02	17.10	17.07	16.85	16.87	0.0	
	1	1	17.05	17.08	17.22	17.26	17.09	17.13	0	0.0
	1	53	17.09	17.07	17.13	17.12	16.82	16.92		0.0
	1	104	16.95	17.21	17.25	17.09	17.10	16.82		0.0
	50	0	16.99	16.94	17.13	17.06	16.79	16.98	0-1	0.0
	50	28	17.03	16.99	17.07	17.07	16.76	16.83	0	0.0
DFT-s-OFDM 16QAM	50	56	17.04	17.01	17.17	17.00	16.94	16.88	0-1	0.0
	100	0	16.97	17.04	17.09	17.06	16.85	16.91		0.0
CP-OFDM QPSK	1	1	16.85	16.91	16.98	17.02	16.86	16.88	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 289 of 336

Table H-299

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.88	17.06	17.08	17.10	16.80	17.08	0	0.0	
	1	39	16.95	17.02	17.09	17.06	16.80	16.77		0.0	
	1	76	16.85	17.09	17.27	17.11	17.07	16.73		0.0	
		36	0	17.00	16.96	17.11	17.03	16.81	16.90	0-0.5	0.0
		36	21	16.99	17.03	17.07	17.06	16.78	16.76	0	0.0
		36	42	17.03	17.05	17.08	17.02	16.99	16.83	0-0.5	0.0
		75	0	17.01	17.06	17.12	17.08	16.84	16.83		0.0
DFT-s-OFDM QPSK	1	1	17.00	17.07	17.14	17.18	16.86	17.12	0	0.0	
	1	39	16.99	17.05	17.15	17.13	16.81	16.84		0.0	
	1	76	16.98	17.13	17.30	17.17	17.15	16.82		0.0	
		36	0	16.98	16.96	17.11	17.04	16.78	16.89	0-1	0.0
		36	21	16.97	17.00	17.08	17.05	16.77	16.75	0	0.0
		36	42	17.03	17.03	17.20	17.00	16.95	16.80	0-1	0.0
		75	0	16.99	17.03	17.09	17.07	16.80	16.78		0.0
DFT-s-OFDM 16QAM	1	1	16.92	16.95	17.00	17.06	16.75	17.00	0-1	0.0	
CP-OFDM QPSK	1	1	16.77	16.82	16.86	16.92	16.59	16.85	0-1.5	0.0	

Table H-300

NR Band n77 C Band Ant I Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.91	17.00	17.17	17.00	16.72	17.01	0	0.0	
	1	26	16.97	17.03	17.17	16.96	16.76	16.81		0.0	
	1	49	16.88	17.06	17.20	16.94	17.00	16.73		0.0	
		25	0	16.98	17.04	17.09	16.96	16.75	16.90	0-0.5	0.0
		25	13	16.96	16.96	17.15	16.93	16.69	16.79	0	0.0
		25	26	16.98	16.97	17.11	16.90	16.73	16.74	0-0.5	0.0
		50	0	16.97	17.00	17.16	16.96	16.71	16.83		0.0
DFT-s-OFDM QPSK	1	1	16.97	17.05	17.18	17.05	16.77	17.06	0	0.0	
	1	26	17.02	17.05	17.21	17.13	16.77	16.88		0.0	
	1	49	16.98	17.10	17.25	17.11	17.01	16.78		0.0	
		25	0	16.94	17.03	17.07	17.07	16.77	16.88	0-1	0.0
		25	13	16.92	16.96	17.10	17.04	16.67	16.79	0	0.0
		25	26	16.96	16.94	17.09	17.01	16.75	16.74	0-1	0.0
		50	0	16.97	17.01	17.14	17.04	16.70	16.77		0.0
DFT-s-OFDM 16QAM	1	1	16.88	16.93	17.05	17.08	16.71	17.00	0-1	0.0	
CP-OFDM QPSK	1	1	16.69	16.75	16.90	16.85	16.47	16.75	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 290 of 336

Table H-301
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.49	15.46	15.56	0	0.0
	1	123	15.54	15.49	15.55		0.0
	1	243	15.17	15.48	15.07		0.0
	120	0	15.52	15.52	15.61	0-0.5	0.0
	120	63	15.59	15.51	15.55	0	0.0
	120	125	15.42	15.59	15.39	0-0.5	0.0
	243	0	15.40	15.47	15.43		0.0
DFT-s-OFDM QPSK	1	1	15.51	15.53	15.57	0	0.0
	1	123	15.54	15.47	15.52		0.0
	1	243	15.15	15.48	15.07		0.0
	120	0	15.52	15.51	15.62	0-1	0.0
	120	63	15.54	15.51	15.54	0	0.0
	120	125	15.44	15.54	15.40	0-1	0.0
243	0	15.41	15.45	15.47	0.0		
DFT-s-OFDM 16QAM	1	1	15.82	15.48	15.47	0-1	0.0
CP-OFDM QPSK	1	1	15.58	15.54	15.64	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 291 of 336

Table H-302
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.47	15.44	15.49	0	0.0
	1	109	15.54	15.46	15.46		0.0
	1	215	15.24	15.42	15.02		0.0
	108	0	15.48	15.47	15.61	0-0.5	0.0
	108	55	15.59	15.51	15.46	0	0.0
	108	109	15.48	15.45	15.31	0-0.5	0.0
	216	0	15.43	15.44	15.40		0.0
DFT-s-OFDM QPSK	1	1	15.51	15.45	15.54	0	0.0
	1	109	15.55	15.46	15.41		0.0
	1	215	15.28	15.44	15.05		0.0
	108	0	15.51	15.44	15.63	0-1	0.0
	108	55	15.57	15.47	15.45	0	0.0
	108	109	15.50	15.43	15.31	0-1	0.0
	216	0	15.42	15.42	15.42		0.0
DFT-s-OFDM 16QAM	1	1	15.69	15.64	15.78	0-1	0.0
CP-OFDM QPSK	1	1	15.54	15.49	15.62	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 292 of 336

Table H-303
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.54	15.58	15.42	15.54	0	0.0
	1	95	15.57	15.48	15.55	15.49		0.0
	1	187	15.52	15.46	15.59	15.05		0.0
	90	0	15.53	15.55	15.47	15.62	0-0.5	0.0
	90	50	15.62	15.53	15.59	15.49	0	0.0
	90	99	15.66	15.55	15.63	15.32	0-0.5	0.0
	180	0	15.53	15.52	15.46	15.39		0.0
DFT-s-OFDM QPSK	1	1	15.52	15.64	15.43	15.58	0	0.0
	1	95	15.50	15.49	15.54	15.52		0.0
	1	187	15.48	15.48	15.61	15.09		0.0
	90	0	15.47	15.53	15.45	15.57	0-1	0.0
	90	50	15.53	15.49	15.61	15.46	0	0.0
	90	99	15.61	15.54	15.64	15.28	0-1	0.0
	180	0	15.51	15.48	15.46	15.38		0.0
DFT-s-OFDM 16QAM	1	1	15.57	15.62	15.47	15.61	0-1	0.0
CP-OFDM QPSK	1	1	15.55	15.60	15.43	15.58	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 293 of 336

Table H-304
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.51	15.58	15.45	15.57	0	0.0
	1	81	15.56	15.46	15.55	15.46		0.0
	1	160	15.55	15.52	15.63	15.12		0.0
	81	0	15.44	15.47	15.51	15.51	0-0.5	0.0
	81	41	15.53	15.50	15.58	15.45	0	0.0
	81	81	15.58	15.53	15.62	15.28	0-0.5	0.0
	162	0	15.49	15.47	15.52	15.31		0.0
DFT-s-OFDM QPSK	1	1	15.45	15.60	15.48	15.54	0	0.0
	1	81	15.47	15.43	15.52	15.41		0.0
	1	160	15.48	15.54	15.64	15.09		0.0
	81	0	15.42	15.45	15.51	15.48	0-1	0.0
	81	41	15.49	15.47	15.55	15.43	0	0.0
	81	81	15.57	15.53	15.60	15.24	0-1	0.0
	162	0	15.48	15.46	15.54	15.30		0.0
DFT-s-OFDM 16QAM	1	1	15.42	15.57	15.42	15.54	0-1	0.0
CP-OFDM QPSK	1	1	15.48	15.62	15.50	15.60	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 294 of 336

Table H-305
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.76	15.88	15.75	15.67	16.02	0	0.0
	1	67	15.75	15.82	15.74	15.78	15.65		0.0
	1	131	15.79	15.81	15.76	15.89	15.64		0.0
	64	0	15.66	15.88	15.89	15.74	15.88	0-0.5	0.0
	64	35	15.74	15.87	15.81	15.79	15.75	0	0.0
	64	69	15.79	15.84	15.82	15.84	15.72	0-0.5	0.0
DFT-s-OFDM QPSK	128	0	15.74	15.86	15.79	15.81	15.76	0	0.0
	1	1	15.76	15.87	15.76	15.65	16.01	0	0.0
	1	67	15.68	15.74	15.69	15.74	15.62		0.0
	1	131	15.76	15.80	15.71	15.88	15.61		0.0
	64	0	15.68	15.89	15.84	15.72	15.88	0-1	0.0
	64	35	15.74	15.82	15.78	15.78	15.71	0	0.0
64	69	15.79	15.84	15.79	15.83	15.67	0-1	0.0	
DFT-s-OFDM 16QAM	128	0	15.75	15.86	15.78	15.78	15.74	0-1	0.0
CP-OFDM QPSK	1	1	15.74	15.86	15.71	15.66	16.00	0-1	0.0
CP-OFDM QPSK	1	1	15.76	15.91	15.72	15.68	16.03	0-1.5	0.0

Table H-306
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.01	16.07	15.97	16.02	15.91	16.02	0	0.0
	1	53	15.89	15.94	15.95	15.87	16.02	15.79		0.0
	1	104	15.78	15.93	16.00	15.99	16.07	15.67		0.0
	50	0	15.88	16.04	15.97	15.84	15.91	15.87	0-0.5	0.0
	50	28	15.93	15.98	15.94	15.89	16.01	15.81	0	0.0
	50	56	15.87	15.97	16.03	15.96	16.09	15.76	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	15.94	15.98	15.94	15.90	15.92	15.86	0	0.0
	1	1	15.97	16.08	15.98	16.04	15.90	16.03	0	0.0
	1	53	15.81	15.94	15.89	15.85	15.94	15.77		0.0
	1	104	15.79	15.97	16.05	16.02	16.04	15.61		0.0
	50	0	15.86	16.02	15.97	15.84	15.92	15.86	0-1	0.0
	50	28	15.91	15.97	15.96	15.87	15.98	15.81	0	0.0
DFT-s-OFDM 16QAM	50	56	15.89	15.99	15.99	15.97	16.06	15.77	0-1	0.0
	100	0	15.94	15.97	15.94	15.91	15.89	15.89	0-1	0.0
CP-OFDM QPSK	1	1	15.95	16.05	16.05	16.07	15.84	16.01	0-1	0.0
CP-OFDM QPSK	1	1	15.97	16.07	16.09	16.12	15.88	16.07	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 295 of 336

Table H-307
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.93	15.97	15.86	15.89	15.87	15.97	0	0.0
	1	39	15.78	15.92	15.90	15.83	15.98	15.73		0.0
	1	76	15.76	15.96	16.01	15.97	16.05	15.69		0.0
	36	0	15.86	16.02	15.92	15.81	15.93	15.81	0-0.5	0.0
	36	21	15.83	16.01	15.91	15.82	15.94	15.74	0	0.0
	36	42	15.90	16.05	15.89	15.86	16.07	15.74	0-0.5	0.0
	75	0	15.83	15.98	15.91	15.87	15.92	15.84	0.0	0.0
DFT-s-OFDM QPSK	1	1	15.92	15.99	15.91	15.92	15.91	15.98	0	0.0
	1	39	15.78	15.98	15.88	15.84	15.98	15.70		0.0
	1	76	15.77	15.94	16.01	15.99	16.08	15.75		0.0
	36	0	15.88	16.00	15.93	15.82	15.94	15.74	0-1	0.0
	36	21	15.79	15.96	15.89	15.83	15.99	15.72	0	0.0
	36	42	15.89	16.04	15.88	15.81	16.05	15.73	0	0.0
	75	0	15.83	15.98	15.90	15.88	15.93	15.81	0-1	0.0
DFT-s-OFDM 16QAM	1	1	15.97	16.02	15.97	15.95	15.84	16.04	0-1	0.0
CP-OFDM QPSK	1	1	15.98	16.05	15.94	15.97	15.87	16.05	0-1.5	0.0

Table H-308
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.85	16.03	15.94	15.82	15.87	15.87	0	0.0
	1	26	15.83	15.95	15.89	15.81	15.94	15.76		0.0
	1	49	15.78	15.93	16.02	15.89	16.08	15.65		0.0
	25	0	15.90	16.05	15.97	15.83	15.95	15.79	0-0.5	0.0
	25	13	15.84	16.01	15.90	15.84	15.94	15.78	0	0.0
	25	26	15.84	15.98	15.97	15.83	16.05	15.83	0-0.5	0.0
	50	0	15.86	15.99	15.94	15.86	15.94	15.86	0	0.0
DFT-s-OFDM QPSK	1	1	15.86	16.09	15.94	15.88	15.88	15.87	0	0.0
	1	26	15.80	15.96	15.86	15.84	15.96	15.79		0.0
	1	49	15.79	15.94	16.02	15.92	16.07	15.73		0.0
	25	0	15.86	15.93	15.90	15.80	15.91	15.77	0-1	0.0
	25	13	15.81	15.97	15.84	15.84	15.94	15.78	0	0.0
	25	26	15.82	15.92	15.97	15.81	16.02	15.79	0	0.0
	50	0	15.81	15.94	15.90	15.82	15.93	15.81	0-1	0.0
DFT-s-OFDM 16QAM	1	1	15.91	16.03	15.97	15.93	15.95	15.95	0-1	0.0
CP-OFDM QPSK	1	1	15.90	16.08	16.01	15.91	15.91	15.96	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 296 of 336

Table H-309
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.89	12.91	12.90	0	0.0
	1	123	13.01	13.04	13.21		0.0
	1	243	12.73	12.74	12.62		0.0
	120	0	12.89	12.93	13.13	0-0.5	0.0
	120	63	13.04	13.08	13.18	0	0.0
	120	125	12.99	13.02	12.95	0-0.5	0.0
	243	0	12.96	13.01	13.12		0.0
DFT-s-OFDM QPSK	1	1	12.90	12.97	13.02	0	0.0
	1	123	13.05	13.08	13.26		0.0
	1	243	12.77	12.82	12.72		0.0
	120	0	12.91	12.95	13.16	0-1	0.0
	120	63	13.04	13.10	13.24	0	0.0
	120	125	13.01	13.04	12.98	0-1	0.0
	243	0	12.99	13.05	13.13		0.0
DFT-s-OFDM 16QAM	1	1	12.97	13.03	13.14	0-1	0.0
CP-OFDM QPSK	1	1	12.91	12.89	12.92	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 297 of 336

Table H-310
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.92	12.80	13.01	0	0.0
	1	109	13.06	13.09	13.15		0.0
	1	215	12.85	12.98	12.64		0.0
	108	0	12.94	12.99	13.14	0-0.5	0.0
	108	55	13.09	13.12	13.18	0	0.0
	108	109	13.04	13.00	12.96	0-0.5	0.0
	216	0	13.07	13.03	13.05		0.0
DFT-s-OFDM QPSK	1	1	12.99	12.90	13.07	0	0.0
	1	109	13.12	13.17	13.17		0.0
	1	215	12.85	13.08	12.73		0.0
	108	0	12.95	12.94	13.12	0-1	0.0
	108	55	13.11	13.09	13.20	0	0.0
	108	109	13.09	12.99	12.97	0-1	0.0
	216	0	13.08	13.02	13.11		0.0
DFT-s-OFDM 16QAM	1	1	13.05	12.95	13.13	0-1	0.0
CP-OFDM QPSK	1	1	12.97	12.93	13.06	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 298 of 336

Table H-311
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.93	12.94	12.89	13.02	0	0.0
	1	95	13.04	12.88	12.91	13.06		0.0
	1	187	12.93	12.88	13.02	12.61		0.0
	90	0	12.93	12.99	12.86	13.13	0-0.5	0.0
	90	50	13.05	12.92	12.97	13.07	0	0.0
	90	99	13.09	13.00	13.00	12.91	0-0.5	0.0
	180	0	13.08	12.94	12.95	13.08		0.0
DFT-s-OFDM QPSK	1	1	13.01	13.01	12.91	13.21	0	0.0
	1	95	13.09	12.93	12.95	13.18		0.0
	1	187	13.02	12.96	13.01	12.81		0.0
	90	0	13.03	12.98	12.90	13.23	0-1	0.0
	90	50	13.11	12.96	12.98	13.17	0	0.0
	90	99	13.12	13.04	13.03	12.98	0-1	0.0
	180	0	13.09	12.97	13.00	13.12		0.0
DFT-s-OFDM 16QAM	1	1	13.01	13.05	12.97	13.16	0-1	0.0
CP-OFDM QPSK	1	1	12.94	12.98	12.96	13.16	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 299 of 336

Table H-312
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.83	12.89	12.76	12.89	0	0.0
	1	81	12.97	12.91	12.83	12.83		0.0
	1	160	12.94	12.94	12.98	12.52		0.0
	81	0	12.90	12.92	12.89	12.97	0-0.5	0.0
	81	41	12.91	12.92	12.87	12.87	0	0.0
	81	81	13.03	12.97	12.97	12.74	0-0.5	0.0
	162	0	12.91	12.91	12.87	12.87		0.0
DFT-s-OFDM QPSK	1	1	12.91	12.93	12.85	12.89	0	0.0
	1	81	13.08	12.91	12.89	12.94		0.0
	1	160	13.03	12.92	13.05	12.62		0.0
	81	0	12.97	12.89	12.88	12.96	0-1	0.0
	81	41	12.96	12.86	12.86	12.90	0	0.0
	81	81	13.07	12.94	12.91	12.75	0-1	0.0
	162	0	12.94	12.89	12.86	12.93		0.0
DFT-s-OFDM 16QAM	1	1	13.11	13.12	12.99	13.17	0-1	0.0
CP-OFDM QPSK	1	1	12.91	12.88	12.81	12.94	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 300 of 336

Table H-313
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.08	13.05	13.04	12.90	13.31	0	0.0
	1	67	13.08	13.13	13.06	13.15	13.13		0.0
	1	131	13.12	13.26	13.13	13.20	13.10		0.0
	64	0	13.07	13.21	13.19	13.11	13.29	0-0.5	0.0
	64	35	13.12	13.21	13.18	13.19	13.26	0	0.0
	64	69	13.16	13.26	13.15	13.23	13.19	0-0.5	0.0
DFT-s-OFDM QPSK	128	0	13.07	13.20	13.13	13.21	13.24		0.0
	1	1	13.14	13.12	13.09	12.99	13.35	0	0.0
	1	67	13.12	13.17	13.14	13.20	13.20		0.0
	1	131	13.20	13.31	13.15	13.23	13.11		0.0
	64	0	13.10	13.18	13.18	13.12	13.31	0-1	0.0
	64	35	13.10	13.16	13.15	13.18	13.24	0	0.0
64	69	13.19	13.24	13.18	13.25	13.20	0	0.0	
DFT-s-OFDM 16QAM	128	0	13.15	13.20	13.13	13.21	13.30	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.35	13.13	13.02	12.94	13.48	0-1	0.0
CP-OFDM QPSK	1	1	13.25	13.02	12.95	12.91	13.45	0-1.5	0.0

Table H-314
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.15	13.29	13.27	13.27	13.39	13.27	0	0.0
	1	53	13.13	13.32	13.30	13.19	13.37	13.20		0.0
	1	104	13.15	13.36	13.32	13.36	13.45	13.07		0.0
	50	0	13.23	13.31	13.31	13.17	13.35	13.37	0-0.5	0.0
	50	28	13.20	13.28	13.28	13.22	13.43	13.25	0	0.0
	50	56	13.31	13.28	13.29	13.25	13.39	13.26	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	13.21	13.29	13.33	13.27	13.42	13.33		0.0
	1	1	13.29	13.37	13.34	13.40	13.39	13.35	0	0.0
	1	53	13.22	13.37	13.30	13.24	13.43	13.24		0.0
	1	104	13.21	13.34	13.41	13.46	13.42	13.21		0.0
	50	0	13.18	13.31	13.33	13.16	13.35	13.42	0-1	0.0
	50	28	13.14	13.33	13.30	13.22	13.44	13.25	0	0.0
50	56	13.29	13.25	13.28	13.26	13.38	13.24	0	0.0	
DFT-s-OFDM 16QAM	100	0	13.25	13.30	13.35	13.29	13.43	13.34	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.27	13.31	13.35	13.40	13.41	13.50	0-1	0.0
CP-OFDM QPSK	1	1	13.28	13.27	13.30	13.30	13.35	13.44	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 301 of 336

Table H-315
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.11	13.13	13.14	13.07	13.23	13.11	0	0.0
	1	39	13.03	13.09	13.14	13.16	13.23	13.10		0.0
	1	76	13.17	13.19	13.13	13.29	13.37	13.11		0.0
	36	0	13.11	13.06	13.11	13.05	13.24	13.10	0-0.5	0.0
	36	21	13.09	13.14	13.21	13.18	13.31	13.15	0	0.0
	36	42	13.12	13.13	13.19	13.18	13.29	13.16	0-0.5	0.0
	75	0	13.12	13.15	13.21	13.16	13.29	13.27	0	0.0
DFT-s-OFDM QPSK	1	1	13.21	13.17	13.26	13.23	13.35	13.08	0	0.0
	1	39	13.11	13.19	13.22	13.22	13.33	13.19		0.0
	1	76	13.11	13.29	13.31	13.43	13.42	13.15		0.0
	36	0	13.14	13.07	13.15	13.07	13.22	13.14	0-1	0.0
	36	21	13.10	13.14	13.23	13.19	13.31	13.15	0	0.0
	36	42	13.16	13.21	13.24	13.24	13.29	13.33	0	0.0
	75	0	13.18	13.20	13.24	13.18	13.30	13.31	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.18	13.19	13.22	13.12	13.30	13.34	0-1	0.0
CP-OFDM QPSK	1	1	13.14	13.13	13.11	13.09	13.20	13.29	0-1.5	0.0

Table H-316
NR Band n77 C Band Ant I Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.06	13.21	13.25	13.01	13.18	13.11	0	0.0
	1	26	13.10	13.07	13.15	13.03	13.18	13.15		0.0
	1	49	13.10	13.14	13.15	13.15	13.17	13.10		0.0
	25	0	13.06	13.20	13.22	13.04	13.17	13.15	0-0.5	0.0
	25	13	13.13	13.11	13.13	12.97	13.20	13.14	0	0.0
	25	26	13.12	13.12	13.16	13.08	13.21	13.18	0-0.5	0.0
	50	0	13.14	13.12	13.16	13.04	13.22	13.17	0	0.0
DFT-s-OFDM QPSK	1	1	13.19	13.21	13.29	13.06	13.21	13.20	0	0.0
	1	26	13.14	13.10	13.24	13.12	13.15	13.17		0.0
	1	49	13.20	13.16	13.26	13.18	13.17	13.13		0.0
	25	0	13.04	13.23	13.24	13.03	13.20	13.17	0-1	0.0
	25	13	13.13	13.08	13.04	13.01	13.21	13.20	0	0.0
	25	26	13.14	13.15	13.06	13.08	13.16	13.19	0	0.0
	50	0	13.13	13.17	13.11	13.04	13.23	13.22	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.13	13.22	13.19	13.01	13.25	13.27	0-1	0.0
CP-OFDM QPSK	1	1	13.01	13.21	13.16	13.02	13.20	13.25	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 302 of 336

Table H-317

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.95	16.51	17.00	0	0.0
	1	123	16.15	16.79	17.04		0.0
	1	243	16.26	16.97	16.90		0.0
	120	0	16.13	16.60	16.90	0-0.5	0.0
	120	63	16.15	16.68	17.00	0	0.0
	120	125	16.14	16.70	17.00	0-0.5	0.0
	243	0	16.07	16.74	16.99		0.0
DFT-s-OFDM QPSK	1	1	16.02	16.60	17.08	0	0.0
	1	123	16.26	16.88	17.10		0.0
	1	243	16.34	17.06	16.95		0.0
	120	0	16.15	16.62	16.90	0-1	0.0
	120	63	16.16	16.76	17.00	0	0.0
	120	125	16.18	16.98	17.03	0-1	0.0
243	0	16.16	16.73	16.99	0.0		
DFT-s-OFDM 16QAM	1	1	15.98	16.52	17.01	0-1	0.0
CP-OFDM QPSK	1	1	15.74	16.31	16.85	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 303 of 336

Table H-318

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.95	16.49	16.87	0	0.0
	1	109	16.19	16.77	17.05		0.0
	1	215	16.22	16.94	16.82		0.0
	108	0	16.02	16.58	16.84	0-0.5	0.0
	108	55	16.18	16.76	17.00	0	0.0
	108	109	16.16	16.83	16.97	0-0.5	0.0
	216	0	16.14	16.72	17.13		0.0
DFT-s-OFDM QPSK	1	1	16.04	16.56	16.81	0	0.0
	1	109	16.30	16.85	16.97		0.0
	1	215	16.27	17.00	16.74		0.0
	108	0	16.05	16.57	16.79	0-1	0.0
	108	55	16.18	16.74	16.98	0	0.0
	108	109	16.18	16.84	16.96	0-1	0.0
	216	0	16.15	16.70	16.91		0.0
DFT-s-OFDM 16QAM	1	1	15.97	16.48	16.84	0-1	0.0
CP-OFDM QPSK	1	1	15.70	16.32	16.81	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 304 of 336

Table H-319

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.91	16.33	16.73	16.82	0	0.0
	1	95	16.19	16.63	17.05	17.13		0.0
	1	187	16.21	16.75	16.91	16.87		0.0
	90	0	16.00	16.42	16.93	16.96	0-0.5	0.0
	90	50	16.13	16.60	16.90	17.10	0	0.0
	90	99	16.11	16.65	16.95	16.98	0	0.0
	180	0	16.12	16.48	16.85	16.93	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	15.84	16.21	16.62	16.69	0	0.0
	1	95	16.04	16.52	16.92	16.96		0.0
	1	187	16.08	16.65	16.78	16.76		0.0
	90	0	16.01	16.42	16.80	16.92	0-1	0.0
	90	50	16.15	16.61	16.88	17.00	0	0.0
	90	99	16.12	16.62	16.97	16.94	0	0.0
	180	0	16.15	16.48	16.88	16.93	0-1	0.0
DFT-s-OFDM 16QAM	1	1	15.89	16.28	16.71	16.80	0-1	0.0
CP-OFDM QPSK	1	1	15.88	16.27	16.71	16.76	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 305 of 336

Table H-320

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.06	16.31	16.83	16.91	0	0.0
	1	81	16.35	16.57	17.06	17.21		0.0
	1	160	16.33	16.78	16.88	16.93		0.0
	81	0	16.01	16.44	16.90	16.94	0-0.5	0.0
	81	41	16.17	16.53	16.99	17.04	0	0.0
	81	81	16.13	16.61	16.97	17.06	0-0.5	0.0
DFT-s-OFDM QPSK	162	0	16.10	16.46	16.94	16.94		0.0
	1	1	15.88	16.29	16.81	16.79	0	0.0
	1	81	16.20	16.52	17.04	17.17		0.0
	1	160	16.22	16.74	16.83	16.86		0.0
	81	0	16.02	16.43	16.90	16.95	0-1	0.0
	81	41	16.16	16.52	16.97	17.00	0	0.0
81	81	16.15	16.61	17.00	17.01	0-1	0.0	
162	0	16.09	16.46	16.94	16.94		0.0	
DFT-s-OFDM 16QAM	1	1	15.91	16.34	16.85	16.88	0-1	0.0
CP-OFDM QPSK	1	1	15.75	16.18	16.73	16.70	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 306 of 336

Table H-321

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.33	16.51	16.88	17.05	17.17	0	0.0
	1	67	16.46	16.67	17.08	17.05	17.24		0.0
	1	131	16.39	16.93	17.23	17.40	17.05		0.0
	64	0	16.32	16.63	17.02	17.09	17.29	0-0.5	0.0
	64	35	16.45	16.68	17.12	17.08	17.30	0	0.0
	64	69	16.35	16.79	17.17	17.10	17.18	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	16.31	16.44	16.90	17.07	17.22	0	0.0
	1	67	16.42	16.64	17.07	17.04	17.27		0.0
	1	131	16.37	16.90	17.24	17.25	17.11		0.0
	64	0	16.30	16.62	17.04	17.11	17.27	0-1	0.0
	64	35	16.43	16.67	17.05	17.07	17.30	0	0.0
	64	69	16.38	16.82	17.17	17.14	17.15	0-1	0.0
DFT-s-OFDM 16QAM	1	1	16.32	16.51	16.92	17.07	17.15	0-1	0.0
CP-OFDM QPSK	1	1	16.22	16.37	16.78	16.97	17.08	0-1.5	0.0

Table H-322

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.25	16.50	16.75	17.07	17.13	17.18	0	0.0
	1	53	16.38	16.51	16.77	17.00	16.96	17.18		0.0
	1	104	16.51	16.79	17.00	17.08	17.32	17.05		0.0
	50	0	16.27	16.39	16.71	16.92	16.89	17.25	0-0.5	0.0
	50	28	16.39	16.52	16.75	17.00	16.96	17.16	0	0.0
	50	56	16.37	16.53	16.90	16.98	17.18	17.19	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	16.25	16.52	16.75	17.02	17.01	17.19	0	0.0
	1	1	16.29	16.53	16.69	17.06	17.12	17.30	0	0.0
	1	53	16.34	16.50	16.72	17.02	16.95	17.16		0.0
	1	104	16.47	16.76	16.95	17.11	17.20	17.10		0.0
	50	0	16.24	16.39	16.72	16.97	16.89	17.25	0-1	0.0
	50	28	16.40	16.51	16.72	17.02	16.94	17.17	0	0.0
DFT-s-OFDM 16QAM	50	56	16.36	16.57	16.90	17.01	17.17	17.20	0-1	0.0
	100	0	16.26	16.51	16.74	17.04	17.02	17.18		0.0
DFT-s-OFDM 16QAM	1	1	16.12	16.31	16.51	16.91	16.96	17.19	0-1	0.0
CP-OFDM QPSK	1	1	16.25	16.43	16.62	17.05	17.09	17.27	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 307 of 336

Table H-323

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.32	16.47	16.70	17.16	17.20	17.19	0	0.0
	1	39	16.35	16.50	16.82	17.12	17.31	17.23		0.0
	1	76	16.40	16.62	17.12	17.21	17.35	17.05		0.0
	36	0	16.33	16.35	16.91	17.07	17.26	17.32	0-0.5	0.0
	36	21	16.28	16.44	16.93	17.10	17.26	17.23	0	0.0
	36	42	16.34	16.50	17.06	17.05	17.40	17.22	0-0.5	0.0
	75	0	16.31	16.49	16.93	17.09	17.28	17.29	0	0.0
DFT-s-OFDM QPSK	1	1	16.35	16.36	16.77	17.10	17.10	17.35	0	0.0
	1	39	16.32	16.46	16.90	17.09	17.21	17.22		0.0
	1	76	16.40	16.58	17.14	17.15	17.25	17.10		0.0
	36	0	16.42	16.36	16.91	17.09	17.26	17.30	0-1	0.0
	36	21	16.34	16.45	16.92	17.09	17.23	17.20	0	0.0
	36	42	16.43	16.49	17.06	17.05	17.41	17.25	0	0.0
	75	0	16.45	16.46	16.92	17.09	17.27	17.28	0-1	0.0
DFT-s-OFDM 16QAM	1	1	16.35	16.26	16.73	17.00	16.99	17.30	0-1	0.0
CP-OFDM QPSK	1	1	16.39	16.33	16.77	17.08	17.14	17.35	0-1.5	0.0

Table H-324

NR Band n77 C Band Ant E Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.40	16.49	16.93	17.07	17.22	17.20	0	0.0
	1	26	16.47	16.51	17.00	17.04	17.35	17.32		0.0
	1	49	16.49	16.63	17.08	17.09	17.37	17.05		0.0
	25	0	16.49	16.55	16.87	17.02	17.31	17.32	0-0.5	0.0
	25	13	16.43	16.48	16.96	17.03	17.28	17.28	0	0.0
	25	26	16.42	16.53	16.98	17.02	17.30	17.20	0-0.5	0.0
	50	0	16.45	16.53	16.99	17.05	17.30	17.33	0	0.0
DFT-s-OFDM QPSK	1	1	16.42	16.43	16.90	17.04	17.10	17.21	0	0.0
	1	26	16.41	16.48	16.97	17.02	17.27	17.26		0.0
	1	49	16.45	16.57	17.08	17.03	17.28	17.11		0.0
	25	0	16.49	16.53	16.87	17.02	17.25	17.31	0-1	0.0
	25	13	16.41	16.48	16.95	17.02	17.25	17.27	0	0.0
	25	26	16.41	16.52	16.95	17.00	17.30	17.20	0	0.0
	50	0	16.42	16.53	16.95	17.06	17.29	17.32	0-1	0.0
DFT-s-OFDM 16QAM	1	1	16.45	16.44	16.84	17.10	17.15	17.30	0-1	0.0
CP-OFDM QPSK	1	1	16.38	16.39	16.81	17.02	17.11	17.26	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 308 of 336

Table H-325
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.68	15.42	15.58	0	0.0
	1	123	15.03	15.24	15.61		0.0
	1	243	14.87	15.46	15.29		0.0
	120	0	14.88	15.29	15.63	0-0.5	0.0
	120	63	15.04	15.38	15.64	0	0.0
	120	125	15.01	15.46	15.51	0-0.5	0.0
	243	0	14.86	15.27	15.56		0.0
DFT-s-OFDM QPSK	1	1	15.13	15.23	15.83	0	0.0
	1	123	15.20	15.60	15.84		0.0
	1	243	15.10	15.46	15.61		0.0
	120	0	15.12	15.24	15.61	0-1	0.0
	120	63	15.13	15.32	15.59	0	0.0
	120	125	15.10	15.43	15.48	0-1	0.0
	243	0	15.20	15.27	15.53		0.0
DFT-s-OFDM 16QAM	1	1	15.06	15.49	15.97	0-1	0.0
CP-OFDM QPSK	1	1	15.00	15.13	15.47	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 309 of 336

Table H-326
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.12	15.15	15.62	0	0.0
	1	109	14.94	15.34	15.61		0.0
	1	215	14.85	15.38	15.22		0.0
	108	0	14.76	15.28	15.66	0-0.5	0.0
	108	55	14.94	15.37	15.57	0	0.0
	108	109	14.94	15.34	15.47	0-0.5	0.0
	216	0	14.84	15.31	15.56		0.0
DFT-s-OFDM QPSK	1	1	15.20	15.23	15.62	0	0.0
	1	109	15.30	15.32	15.55		0.0
	1	215	15.12	15.46	15.36		0.0
	108	0	15.10	15.30	15.72	0-1	0.0
	108	55	15.13	15.41	15.64	0	0.0
	108	109	15.12	15.38	15.53	0-1	0.0
	216	0	15.21	15.35	15.58		0.0
DFT-s-OFDM 16QAM	1	1	15.08	15.54	16.00	0-1	0.0
CP-OFDM QPSK	1	1	14.61	15.14	15.56	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 310 of 336

Table H-327
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.60	15.30	15.38	15.61	0	0.0
	1	95	14.87	15.29	15.65	15.64		0.0
	1	187	15.00	15.34	15.73	15.32		0.0
	90	0	14.80	15.18	15.43	15.71	0-0.5	0.0
	90	50	14.91	15.31	15.67	15.59	0	0.0
	90	99	15.04	15.36	15.72	15.51	0-0.5	0.0
180	0	14.91	15.28	15.51	15.56	0.0		
DFT-s-OFDM QPSK	1	1	15.10	15.18	15.49	15.69	0	0.0
	1	95	15.41	15.40	15.65	15.67		0.0
	1	187	15.35	15.38	15.77	15.42		0.0
	90	0	15.12	15.15	15.41	15.71	0-1	0.0
	90	50	15.30	15.26	15.70	15.59	0	0.0
	90	99	15.10	15.36	15.74	15.56	0-1	0.0
180	0	15.12	15.25	15.54	15.57	0.0		
DFT-s-OFDM 16QAM	1	1	15.20	15.54	15.80	16.11	0-1	0.0
CP-OFDM QPSK	1	1	14.71	15.12	15.34	15.62	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 311 of 336

Table H-328
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.12	15.08	15.31	15.65	0	0.0
	1	81	15.10	15.19	15.52	15.57		0.0
	1	160	14.99	15.35	15.67	15.41		0.0
	81	0	14.78	15.09	15.40	15.54	0-0.5	0.0
	81	41	14.89	15.23	15.53	15.56	0	0.0
	81	81	15.02	15.31	15.63	15.46	0-0.5	0.0
	162	0	14.84	15.20	15.47	15.43		0.0
DFT-s-OFDM QPSK	1	1	15.20	15.14	15.35	15.67	0	0.0
	1	81	15.20	15.20	15.51	15.56		0.0
	1	160	15.20	15.36	15.66	15.39		0.0
	81	0	15.40	15.39	15.42	15.59	0-1	0.0
	81	41	15.30	15.24	15.54	15.58	0	0.0
	81	81	15.12	15.32	15.60	15.45	0-1	0.0
	162	0	15.39	15.20	15.51	15.44		0.0
DFT-s-OFDM 16QAM	1	1	15.04	15.45	15.71	15.95	0-1	0.0
CP-OFDM QPSK	1	1	14.58	14.79	15.24	15.52	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 312 of 336

Table H-329
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.20	15.29	15.54	15.63	16.07	0	0.0
	1	67	15.01	15.32	15.61	15.78	15.79		0.0
	1	131	15.16	15.54	15.69	15.98	15.90		0.0
	64	0	14.93	15.38	15.72	15.74	15.97	0-0.5	0.0
	64	35	15.05	15.44	15.69	15.86	15.84	0	0.0
	64	69	15.16	15.53	15.73	15.89	15.92	0-0.5	0.0
DFT-s-OFDM QPSK	128	0	15.04	15.43	15.64	15.83	15.91		0.0
	1	1	15.20	15.37	15.60	15.68	16.12	0	0.0
	1	67	15.12	15.36	15.63	15.75	15.78		0.0
	1	131	15.19	15.57	15.68	15.96	15.92		0.0
	64	0	15.30	15.38	15.72	15.71	15.97	0-1	0.0
	64	35	15.21	15.41	15.65	15.77	15.84	0	0.0
64	69	15.17	15.52	15.72	15.84	15.89	0	0.0	
DFT-s-OFDM 16QAM	128	0	15.20	15.44	15.63	15.79	15.90	0-1	0.0
CP-OFDM QPSK	1	1	15.27	15.65	15.90	15.99	16.21	0-1	0.0
CP-OFDM QPSK	1	1	14.83	15.24	15.45	15.49	15.98	0-1.5	0.0

Table H-330
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.31	15.46	15.63	15.90	15.82	16.08	0	0.0
	1	53	15.28	15.47	15.64	15.80	15.98	15.95		0.0
	1	104	15.48	15.57	15.79	16.01	16.20	15.94		0.0
	50	0	15.26	15.48	15.69	15.76	15.91	16.00	0-0.5	0.0
	50	28	15.34	15.47	15.67	15.82	16.02	15.97	0	0.0
	50	56	15.32	15.52	15.81	15.92	16.12	16.01	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	15.29	15.46	15.68	15.81	15.99	16.04		0.0
	1	1	15.37	15.51	15.75	16.00	15.97	16.21	0	0.0
	1	53	15.25	15.48	15.71	15.82	16.01	15.96		0.0
	1	104	15.57	15.60	15.86	16.05	16.25	15.98		0.0
	50	0	15.16	15.43	15.65	15.74	15.86	16.02	0-1	0.0
	50	28	15.20	15.46	15.69	15.80	16.01	15.97	0	0.0
50	56	15.24	15.52	15.81	15.92	16.12	16.01	0	0.0	
DFT-s-OFDM 16QAM	100	0	15.25	15.46	15.70	15.84	16.01	16.03	0-1	0.0
CP-OFDM QPSK	1	1	15.38	15.64	15.82	16.03	16.18	16.23	0-1	0.0
CP-OFDM QPSK	1	1	15.24	15.46	15.62	15.85	15.79	15.97	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 313 of 336

Table H-331
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.13	15.36	15.55	15.76	15.85	16.02	0	0.0	
	1	39	15.04	15.44	15.63	15.76	15.97	15.85		0.0	
	1	76	15.18	15.56	15.83	15.94	16.12	15.95		0.0	
		36	0	15.14	15.43	15.64	15.71	15.88	15.87	0-0.5	0.0
		36	21	15.11	15.46	15.65	15.77	15.99	15.88	0	0.0
		36	42	15.18	15.55	15.67	15.79	16.08	15.91	0-0.5	0.0
		75	0	15.13	15.43	15.66	15.81	15.99	15.94		0.0
DFT-s-OFDM QPSK	1	1	15.20	15.41	15.62	15.87	15.96	16.08	0	0.0	
	1	39	15.12	15.47	15.69	15.86	16.01	15.91		0.0	
	1	76	15.25	15.63	15.88	16.03	16.18	15.98		0.0	
		36	0	15.12	15.44	15.78	15.71	15.90	15.87	0-1	0.0
		36	21	15.09	15.46	15.79	15.78	15.97	15.91	0	0.0
		36	42	15.22	15.54	15.76	15.80	16.07	15.93	0-1	0.0
		75	0	15.11	15.44	15.71	15.79	16.00	15.91		0.0
DFT-s-OFDM 16QAM	1	1	15.31	15.49	15.75	15.89	16.20	16.13	0-1	0.0	
CP-OFDM QPSK	1	1	15.08	15.33	15.54	15.74	15.81	15.94	0-1.5	0.0	

Table H-332
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	15.06	15.47	15.68	15.75	15.87	15.94	0	0.0	
	1	26	15.04	15.51	15.66	15.79	15.97	15.93		0.0	
	1	49	15.07	15.57	15.81	15.86	16.10	15.96		0.0	
		25	0	15.11	15.44	15.70	15.74	15.90	15.90	0-0.5	0.0
		25	13	15.09	15.51	15.67	15.79	15.96	15.99	0	0.0
		25	26	15.08	15.50	15.76	15.77	16.06	16.01	0-0.5	0.0
		50	0	15.11	15.52	15.68	15.82	15.96	16.03		0.0
DFT-s-OFDM QPSK	1	1	15.18	15.53	15.78	15.83	15.97	16.04	0	0.0	
	1	26	15.12	15.52	15.69	15.82	16.02	16.03		0.0	
	1	49	15.14	15.66	15.92	15.91	16.16	15.94		0.0	
		25	0	15.13	15.46	15.71	15.72	15.89	15.92	0-1	0.0
		25	13	15.11	15.53	15.67	15.78	15.98	15.97	0	0.0
		25	26	15.09	15.52	15.81	15.77	16.07	15.98	0-1	0.0
		50	0	15.11	15.58	15.72	15.81	16.01	16.00		0.0
DFT-s-OFDM 16QAM	1	1	15.21	15.62	15.89	15.92	16.19	16.11	0-1	0.0	
CP-OFDM QPSK	1	1	15.06	15.48	15.68	15.75	15.83	15.97	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 314 of 336

Table H-333
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.26	12.74	13.03	0	0.0
	1	123	12.63	13.04	13.35		0.0
	1	243	12.68	13.05	12.84		0.0
	120	0	12.40	12.88	13.21	0-0.5	0.0
	120	63	12.65	12.98	13.32	0	0.0
	120	125	12.68	13.04	13.04	0-0.5	0.0
	243	0	12.53	12.96	13.21		0.0
DFT-s-OFDM QPSK	1	1	12.35	12.75	13.05	0	0.0
	1	123	12.75	13.08	13.37		0.0
	1	243	12.68	13.05	12.84		0.0
	120	0	12.36	12.84	13.21	0-1	0.0
	120	63	12.61	12.97	13.27	0	0.0
	120	125	12.64	13.01	13.08	0-1	0.0
	243	0	12.52	12.94	13.20		0.0
DFT-s-OFDM 16QAM	1	1	12.34	12.79	13.11	0-1	0.0
CP-OFDM QPSK	1	1	12.44	12.83	13.15	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 315 of 336

Table H-334
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.26	12.68	13.11	0	0.0
	1	109	12.59	12.98	13.28		0.0
	1	215	12.58	12.98	12.81		0.0
	108	0	12.27	12.84	13.18	0-0.5	0.0
	108	55	12.53	13.02	13.24	0	0.0
	108	109	12.61	12.92	13.04	0-0.5	0.0
	216	0	12.49	12.92	13.19		0.0
DFT-s-OFDM QPSK	1	1	12.25	12.70	13.20	0	0.0
	1	109	12.61	13.05	13.34		0.0
	1	215	12.54	13.00	12.84		0.0
	108	0	12.30	12.84	13.22	0-1	0.0
	108	55	12.57	13.00	13.28	0	0.0
	108	109	12.61	12.92	13.10	0-1	0.0
	216	0	12.51	12.95	13.24		0.0
DFT-s-OFDM 16QAM	1	1	12.34	12.79	13.24	0-1	0.0
CP-OFDM QPSK	1	1	12.41	12.84	13.28	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 316 of 336

Table H-335
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.21	12.64	12.93	13.16	0	0.0
	1	95	12.48	12.81	13.05	13.19		0.0
	1	187	12.61	12.88	13.17	12.84		0.0
	90	0	12.26	12.74	12.90	13.24	0-0.5	0.0
	90	50	12.46	12.75	13.03	13.18	0	0.0
	90	99	12.61	12.91	13.10	13.04	0-0.5	0.0
	180	0	12.50	12.76	13.01	13.18		0.0
DFT-s-OFDM QPSK	1	1	12.24	12.69	12.96	13.19	0	0.0
	1	95	12.58	12.85	13.11	13.28		0.0
	1	187	12.63	12.89	13.24	12.88		0.0
	90	0	12.28	12.71	12.88	13.28	0-1	0.0
	90	50	12.53	12.81	13.02	13.18	0	0.0
	90	99	12.60	12.96	13.15	13.04	0-1	0.0
	180	0	12.49	12.78	13.04	13.19		0.0
DFT-s-OFDM 16QAM	1	1	12.40	12.79	13.07	13.34	0-1	0.0
CP-OFDM QPSK	1	1	12.38	12.84	13.08	13.35	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 317 of 336

Table H-336
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.23	12.64	12.86	13.17	0	0.0
	1	81	12.51	12.79	13.06	13.23		0.0
	1	160	12.65	12.89	13.24	12.94		0.0
	81	0	12.25	12.71	12.97	13.27	0-0.5	0.0
	81	41	12.31	12.77	13.01	13.14	0	0.0
	81	81	12.49	12.89	13.11	13.01	0-0.5	0.0
162	0	12.31	12.75	13.00	13.14	0.0		
DFT-s-OFDM QPSK	1	1	12.23	12.64	12.91	13.23	0	0.0
	1	81	12.52	12.78	13.08	13.24		0.0
	1	160	12.63	12.94	13.26	12.94		0.0
	81	0	12.26	12.72	12.98	13.22	0-1	0.0
	81	41	12.36	12.74	12.98	13.16	0	0.0
	81	81	12.54	12.93	13.15	13.05	0-1	0.0
162	0	12.38	12.81	12.99	13.14	0.0		
DFT-s-OFDM 16QAM	1	1	12.33	12.71	12.97	13.24	0-1	0.0
CP-OFDM QPSK	1	1	12.38	12.83	13.07	13.34	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 318 of 336

Table H-337
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.51	12.93	12.98	13.06	13.63	0	0.0
	1	67	12.53	13.11	13.17	13.38	13.52		0.0
	1	131	12.79	13.27	13.22	13.47	13.51		0.0
	64	0	12.48	13.17	13.21	13.28	13.70	0-0.5	0.0
	64	35	12.59	13.15	13.25	13.45	13.61	0	0.0
	64	69	12.72	13.20	13.28	13.51	13.49	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	12.49	12.89	13.00	13.08	13.67	0	0.0
	1	67	12.59	13.05	13.20	13.38	13.59		0.0
	1	131	12.81	13.14	13.29	13.57	13.51		0.0
	64	0	12.52	13.04	13.21	13.27	13.69	0-1	0.0
	64	35	12.51	13.02	13.22	13.46	13.58	0	0.0
	64	69	12.71	13.14	13.32	13.58	13.51	0-1	0.0
DFT-s-OFDM 16QAM	1	1	12.56	12.80	12.98	13.10	13.74	0-1	0.0
CP-OFDM QPSK	1	1	12.64	12.78	12.96	13.05	13.62	0-1.5	0.0

Table H-338
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.69	12.93	13.11	13.37	13.37	13.62	0	0.0
	1	53	12.63	13.08	13.23	13.34	13.38	13.52		0.0
	1	104	13.00	13.21	13.33	13.52	13.57	13.43		0.0
	50	0	12.67	13.05	13.12	13.29	13.38	13.66	0-0.5	0.0
	50	28	12.68	13.07	13.21	13.36	13.45	13.51	0	0.0
	50	56	12.82	13.08	13.31	13.38	13.44	13.47	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	12.69	13.09	13.25	13.37	13.46	13.59	0	0.0
	1	1	12.74	13.00	13.19	13.47	13.45	13.69	0	0.0
	1	53	12.68	13.08	13.25	13.38	13.47	13.54		0.0
	1	104	13.00	13.28	13.40	13.58	13.60	13.52		0.0
	50	0	12.64	13.02	13.08	13.31	13.34	13.62	0-1	0.0
	50	28	12.68	13.09	13.25	13.36	13.44	13.54	0	0.0
DFT-s-OFDM 16QAM	50	56	12.84	13.12	13.29	13.42	13.49	13.51	0-1	0.0
	100	0	12.68	13.09	13.28	13.43	13.47	13.60		0.0
CP-OFDM QPSK	1	1	12.71	12.97	13.15	13.45	13.43	13.75	0-1	0.0
CP-OFDM QPSK	1	1	12.64	12.93	13.09	13.42	13.39	13.63	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 319 of 336

Table H-339
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.64	12.89	13.13	13.32	13.42	13.64	0	0.0	
	1	39	12.59	13.08	13.24	13.34	13.48	13.58		0.0	
	1	76	12.81	13.12	13.34	13.54	13.66	13.48		0.0	
		36	0	12.62	12.92	13.14	13.36	13.38	13.66	0-0.5	0.0
		36	21	12.63	13.04	13.27	13.44	13.53	13.58	0	0.0
		36	42	12.65	13.08	13.32	13.45	13.54	13.67	0-0.5	0.0
		75	0	12.66	13.06	13.28	13.47	13.48	13.61		0.0
DFT-s-OFDM QPSK	1	1	12.68	12.91	13.13	13.46	13.44	13.68	0	0.0	
	1	39	12.65	13.02	13.26	13.48	13.53	13.55		0.0	
	1	76	12.85	13.10	13.40	13.62	13.71	13.58		0.0	
		36	0	12.64	12.92	13.12	13.39	13.35	13.62	0-1	0.0
		36	21	12.67	13.07	13.25	13.45	13.41	13.51	0	0.0
		36	42	12.68	13.13	13.27	13.48	13.47	13.71	0-1	0.0
		75	0	12.69	13.02	13.28	13.51	13.51	13.58		0.0
DFT-s-OFDM 16QAM	1	1	12.73	12.89	13.14	13.41	13.47	13.75	0-1	0.0	
CP-OFDM QPSK	1	1	12.63	12.85	13.05	13.35	13.39	13.61	0-1.5	0.0	

Table H-340
NR Band n77 C Band Ant E Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.58	13.02	13.19	13.32	13.41	13.61	0	0.0	
	1	26	12.63	13.05	13.23	13.31	13.49	13.59		0.0	
	1	49	12.67	13.12	13.31	13.44	13.56	13.46		0.0	
		25	0	12.61	13.07	13.23	13.31	13.39	13.67	0-0.5	0.0
		25	13	12.67	13.05	13.24	13.25	13.51	13.61	0	0.0
		25	26	12.63	13.05	13.26	13.36	13.49	13.58	0-0.5	0.0
		50	0	12.64	13.07	13.27	13.26	13.48	13.60		0.0
DFT-s-OFDM QPSK	1	1	12.67	13.03	13.25	13.31	13.43	13.63	0	0.0	
	1	26	12.68	13.02	13.32	13.38	13.57	13.60		0.0	
	1	49	12.70	13.11	13.41	13.46	13.64	13.58		0.0	
		25	0	12.61	13.07	13.23	13.31	13.36	13.64	0-1	0.0
		25	13	12.69	13.03	13.26	13.22	13.48	13.60	0	0.0
		25	26	12.71	13.05	13.29	13.38	13.54	13.61	0-1	0.0
		50	0	12.73	13.04	13.28	13.28	13.53	13.60		0.0
DFT-s-OFDM 16QAM	1	1	12.64	13.02	13.24	13.31	13.51	13.66	0-1	0.0	
CP-OFDM QPSK	1	1	12.58	12.98	13.23	13.28	13.44	13.60	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 320 of 336

Table H-341

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.72	12.57	12.67	0	0.0
	1	123	12.39	12.77	12.58		0.0
	1	243	12.38	12.61	11.85		0.0
	120	0	12.54	12.60	12.60	0-0.5	0.0
	120	63	12.36	12.70	12.47	0	0.0
	120	125	12.23	12.72	12.15	0-0.5	0.0
	243	0	12.37	12.58	12.35		0.0
DFT-s-OFDM QPSK	1	1	12.63	12.48	12.70	0	0.0
	1	123	12.33	12.72	12.57		0.0
	1	243	12.27	12.49	11.91		0.0
	120	0	12.51	12.59	12.60	0-1	0.0
	120	63	12.32	12.67	12.51	0	0.0
	120	125	12.21	12.71	12.19	0-1	0.0
	243	0	12.35	12.49	12.34		0.0
DFT-s-OFDM 16QAM	1	1	12.67	12.51	12.62	0-1	0.0
CP-OFDM QPSK	1	1	12.60	12.46	12.60	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 321 of 336

Table H-342

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.89	12.72	12.64	0	0.0
	1	109	12.61	12.92	12.50		0.0
	1	215	12.47	12.74	11.70		0.0
	108	0	12.62	12.76	12.55	0-0.5	0.0
	108	55	12.58	12.85	12.49	0	0.0
	108	109	12.43	12.80	12.14	0-0.5	0.0
	216	0	12.19	12.75	12.35		0.0
DFT-s-OFDM QPSK	1	1	12.83	12.65	12.60	0	0.0
	1	109	12.54	12.88	12.55		0.0
	1	215	12.38	12.66	11.75		0.0
	108	0	12.61	12.74	12.64	0-1	0.0
	108	55	12.54	12.83	12.51	0	0.0
	108	109	12.40	12.76	12.09	0-1	0.0
	216	0	12.45	12.55	12.44		0.0
DFT-s-OFDM 16QAM	1	1	12.82	12.64	12.69	0-1	0.0
CP-OFDM QPSK	1	1	12.75	12.61	12.56	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 322 of 336

Table H-343

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 70 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]	
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)			
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.06	12.70	12.96	12.79	0	0.0	
	1	95	12.87	12.98	12.97	12.52		0.0	
	1	187	12.50	13.00	12.83	11.90		0.0	
	DFT-s-OFDM QPSK	90	0	12.88	12.79	12.92	12.73	0-0.5	0.0
		90	50	12.86	12.96	12.94	12.47	0	0.0
		90	99	12.71	12.97	12.83	12.16	0-0.5	0.0
		180	0	12.87	12.80	12.83	12.42		0.0
DFT-s-OFDM 16QAM	1	1	13.13	12.73	13.02	12.85	0	0.0	
	1	95	12.95	13.06	13.02	12.57		0.0	
	1	187	12.55	13.06	12.89	11.90		0.0	
	CP-OFDM QPSK	90	0	12.91	12.77	12.97	12.70	0-1	0.0
		90	50	12.85	12.94	12.86	12.46	0	0.0
		90	99	12.71	12.96	12.86	12.09	0-1	0.0
		180	0	12.87	12.80	12.84	12.69		0.0
DFT-s-OFDM 16QAM	1	1	13.20	12.85	13.11	12.87	0-1	0.0	
CP-OFDM QPSK	1	1	12.86	12.48	12.78	12.57	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 323 of 336

Table H-344

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.03	12.73	13.06	12.79	0	0.0
	1	81	12.93	12.94	12.98	12.49		0.0
	1	160	12.51	13.12	12.84	11.91		0.0
	81	0	12.89	12.84	13.03	12.60	0-0.5	0.0
	81	41	12.89	12.90	12.93	12.49	0	0.0
	81	81	12.75	13.00	12.88	12.14	0-0.5	0.0
162	0	12.87	12.86	12.92	12.34	0.0		
DFT-s-OFDM QPSK	1	1	13.08	12.78	13.11	12.84	0	0.0
	1	81	12.97	13.00	13.03	12.56		0.0
	1	160	12.62	13.18	12.90	11.95		0.0
	81	0	12.91	12.85	12.98	12.62	0-1	0.0
	81	41	12.89	12.93	12.93	12.47	0	0.0
	81	81	12.76	12.99	12.87	12.16	0-1	0.0
162	0	12.86	12.83	12.89	12.31	0.0		
DFT-s-OFDM 16QAM	1	1	13.15	12.84	13.15	12.89	0-1	0.0
CP-OFDM QPSK	1	1	12.77	12.47	12.78	12.57	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 324 of 336

Table H-345

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.05	12.64	12.90	12.72	12.74	0	0.0
	1	67	12.84	12.73	12.99	12.67	12.45		0.0
	1	131	12.45	12.95	12.99	12.81	11.96		0.0
	64	0	12.84	12.73	13.02	12.67	12.56	0-0.5	0.0
	64	35	12.82	12.75	13.00	12.70	12.52	0	0.0
	64	69	12.70	12.87	13.02	12.72	12.13	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	13.03	12.67	12.96	12.76	12.78	0	0.0
	1	67	12.90	12.77	13.06	12.75	12.54		0.0
	1	131	12.56	13.01	12.97	12.86	12.11		0.0
	64	0	12.83	12.69	13.02	12.66	12.54	0-1	0.0
	64	35	12.82	12.71	13.01	12.67	12.45	0	0.0
	64	69	12.69	12.84	13.03	12.70	12.05	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.10	12.71	12.98	12.82	12.84	0-1	0.0
CP-OFDM QPSK	1	1	12.69	12.33	12.66	12.43	12.44	0-1.5	0.0

Table H-346

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.13	12.88	12.99	13.35	13.08	12.98	0	0.0
	1	53	13.00	12.76	13.01	13.17	12.97	12.45		0.0
	1	104	12.50	12.97	13.21	13.10	13.04	12.30		0.0
	50	0	12.97	12.67	12.98	13.15	12.87	12.71	0-0.5	0.0
	50	28	12.98	12.73	12.99	13.16	12.94	12.47	0	0.0
	50	56	12.75	12.75	13.11	13.07	13.03	12.34	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	12.90	12.77	12.96	13.18	12.92	12.48	0	0.0
	1	1	13.15	12.92	13.03	13.43	13.12	13.03	0	0.0
	1	53	13.02	12.78	13.06	13.24	13.04	12.55		0.0
	1	104	12.48	13.00	13.25	13.16	13.10	12.31		0.0
	50	0	12.91	12.65	12.98	13.16	12.88	12.68	0-1	0.0
	50	28	12.90	12.72	12.98	13.14	12.93	12.43	0	0.0
50	56	12.73	12.73	13.14	13.06	13.02	12.34	0-1	0.0	
100	0	12.83	12.75	13.00	13.19	12.98	12.46	0-1	0.0	
DFT-s-OFDM 16QAM	1	1	13.08	12.87	12.98	13.36	13.03	12.96	0-1	0.0
CP-OFDM QPSK	1	1	12.84	12.63	12.76	13.16	12.86	12.70	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 325 of 336

Table H-347

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.07	12.81	13.00	13.16	12.80	12.62	0	0.0
	1	39	12.95	12.81	13.07	13.08	12.87	12.45		0.0
	1	76	12.51	12.92	13.20	13.07	12.91	12.10		0.0
	36	0	13.01	12.72	13.00	13.05	12.83	12.55	0-0.5	0.0
	36	21	12.94	12.79	13.00	13.04	12.79	12.47	0	0.0
	36	42	12.76	12.80	13.10	12.95	12.88	12.14	0-0.5	0.0
	75	0	12.95	12.79	13.05	13.03	12.82	12.34	0.0	0.0
DFT-s-OFDM QPSK	1	1	13.10	12.85	13.01	13.19	12.83	12.72	0	0.0
	1	39	12.98	12.85	13.08	13.13	12.90	12.55		0.0
	1	76	12.60	12.96	13.28	13.10	12.98	12.17		0.0
	36	0	12.98	12.70	13.00	13.04	12.83	12.51	0-1	0.0
	36	21	12.91	12.77	13.00	13.02	12.82	12.48	0	0.0
	36	42	12.76	12.79	13.11	12.91	12.86	12.11	0	0.0
	75	0	12.95	12.81	13.02	13.05	12.83	12.30	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.04	12.81	12.95	13.18	12.78	12.65	0-1	0.0
CP-OFDM QPSK	1	1	12.81	12.56	12.72	12.93	12.58	12.36	0-1.5	0.0

Table H-348

NR Band n77 C Band Ant C Measured P_{Max} for DSI = 0 (Body-worn, or Phablet with grip sensor inactive), or DSI = 1 (Phablet with grip sensor active) and/or DSI = 4 (Earjack Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.03	12.82	13.10	13.14	12.82	12.42	0	0.0
	1	26	12.97	12.86	13.16	13.06	12.83	12.45		0.0
	1	49	12.48	12.92	13.27	13.00	12.92	12.08		0.0
	25	0	13.03	12.87	13.08	13.03	12.84	12.58	0-0.5	0.0
	25	13	12.95	12.80	13.12	13.03	12.80	12.48	0	0.0
	25	26	12.75	12.81	13.12	12.93	12.77	12.14	0-0.5	0.0
	50	0	12.95	12.80	13.14	13.03	12.80	12.34	0.0	0.0
DFT-s-OFDM QPSK	1	1	13.00	12.87	13.14	13.16	12.82	12.53	0	0.0
	1	26	12.95	12.89	13.22	13.12	12.89	12.55		0.0
	1	49	12.60	12.92	13.27	13.01	12.99	12.16		0.0
	25	0	13.00	12.82	13.02	13.04	12.84	12.52	0-1	0.0
	25	13	12.92	12.75	13.06	12.96	12.75	12.45	0	0.0
	25	26	12.76	12.76	13.08	12.90	12.73	12.11	0	0.0
	50	0	12.97	12.80	13.12	13.01	12.78	12.28	0-1	0.0
DFT-s-OFDM 16QAM	1	1	13.02	12.82	13.06	13.09	12.79	12.54	0-1	0.0
CP-OFDM QPSK	1	1	13.11	12.54	12.84	12.85	12.55	12.38	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 326 of 336

Table H-349
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.72	11.57	11.55	0	0.0
	1	123	11.47	11.84	11.58		0.0
	1	243	11.32	11.62	10.73		0.0
	120	0	11.56	11.75	11.59	0-0.5	0.0
	120	63	11.45	11.90	11.51	0	0.0
	120	125	11.35	11.71	11.20	0-0.5	0.0
	243	0	11.44	11.76	11.39		0.0
DFT-s-OFDM QPSK	1	1	11.68	11.60	11.54	0	0.0
	1	123	11.46	11.82	11.56		0.0
	1	243	11.30	11.60	10.73		0.0
	120	0	11.55	11.74	11.56	0-1	0.0
	120	63	11.44	11.88	11.50	0	0.0
	120	125	11.35	11.70	11.19	0-1	0.0
	243	0	11.41	11.75	11.37		0.0
DFT-s-OFDM 16QAM	1	1	11.51	11.42	11.37	0-1	0.0
CP-OFDM QPSK	1	1	11.79	11.71	11.67	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 327 of 336

Table H-350
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.71	11.60	11.64	0	0.0
	1	109	11.50	11.81	11.56		0.0
	1	215	11.25	11.54	10.78		0.0
	108	0	11.59	11.76	11.62	0-0.5	0.0
	108	55	11.49	11.88	11.54	0	0.0
	108	109	11.37	11.73	11.17	0-0.5	0.0
	216	0	11.44	11.75	11.32		0.0
DFT-s-OFDM QPSK	1	1	11.69	11.62	11.69	0	0.0
	1	109	11.51	11.86	11.58		0.0
	1	215	11.23	11.52	10.80		0.0
	108	0	11.57	11.75	11.69	0-1	0.0
	108	55	11.47	11.89	11.58	0	0.0
	108	109	11.36	11.74	11.21	0-1	0.0
	216	0	11.44	11.77	11.39		0.0
DFT-s-OFDM 16QAM	1	1	11.55	11.43	11.51	0-1	0.0
CP-OFDM QPSK	1	1	11.81	11.72	11.76	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 328 of 336

Table H-351
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.73	11.44	11.82	11.57	0	0.0
	1	95	11.59	11.77	11.69	11.47		0.0
	1	187	11.34	11.80	11.68	10.79		0.0
	90	0	11.69	11.52	11.71	11.54	0-0.5	0.0
	90	50	11.58	11.72	11.69	11.43	0	0.0
	90	99	11.45	11.85	11.68	11.11	0-0.5	0.0
180	0	11.57	11.66	11.67	11.60	0.0		
DFT-s-OFDM QPSK	1	1	11.77	11.46	11.79	11.58	0	0.0
	1	95	11.58	11.78	11.70	11.43		0.0
	1	187	11.34	11.77	11.68	10.76		0.0
	90	0	11.64	11.50	11.70	11.53	0-1	0.0
	90	50	11.55	11.70	11.67	11.40	0	0.0
	90	99	11.44	11.84	11.69	11.09	0-1	0.0
180	0	11.54	11.65	11.67	11.63	0.0		
DFT-s-OFDM 16QAM	1	1	11.59	11.24	11.60	11.37	0-1	0.0
CP-OFDM QPSK	1	1	11.83	11.54	11.90	11.65	0-1.5	0.0

Table H-352
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.68	11.50	11.81	11.66	0	0.0
	1	81	11.64	11.82	11.74	11.45		0.0
	1	160	11.38	11.89	11.83	10.93		0.0
	81	0	11.67	11.63	11.69	11.53	0-0.5	0.0
	81	41	11.61	11.75	11.71	11.36	0	0.0
	81	81	11.50	11.82	11.72	11.13	0-0.5	0.0
162	0	11.56	11.68	11.69	11.50	0.0		
DFT-s-OFDM QPSK	1	1	11.75	11.49	11.82	11.67	0	0.0
	1	81	11.64	11.78	11.70	11.39		0.0
	1	160	11.43	11.87	11.81	10.90		0.0
	81	0	11.70	11.60	11.69	11.47	0-1	0.0
	81	41	11.62	11.71	11.67	11.35	0	0.0
	81	81	11.52	11.85	11.74	11.11	0-1	0.0
162	0	11.63	11.66	11.71	11.51	0.0		
DFT-s-OFDM 16QAM	1	1	11.41	11.10	11.43	11.30	0-1	0.0
CP-OFDM QPSK	1	1	11.69	11.37	11.71	11.56	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 329 of 336

Table H-353
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.80	11.42	11.68	11.72	11.64	0	0.0
	1	67	11.65	11.61	11.85	11.92	11.20		0.0
	1	131	11.44	11.88	11.85	11.87	11.00		0.0
	64	0	11.70	11.55	11.85	11.83	11.39	0-0.5	0.0
	64	35	11.64	11.60	11.85	11.84	11.19	0	0.0
	64	69	11.51	11.76	11.88	11.88	11.10	0-0.5	0.0
DFT-s-OFDM QPSK	128	0	11.63	11.61	11.82	11.83	11.21	0-0.5	0.0
	1	1	11.80	11.44	11.70	11.72	11.67	0	0.0
	1	67	11.67	11.60	11.85	11.90	11.40		0.0
	1	131	11.47	11.87	11.74	11.84	10.98		0.0
	64	0	11.72	11.54	11.78	11.83	11.39	0-1	0.0
	64	35	11.64	11.58	11.78	11.83	11.19	0	0.0
64	69	11.53	11.73	11.81	11.87	11.11	0-1	0.0	
DFT-s-OFDM 16QAM	128	0	11.62	11.55	11.81	11.80	11.23	0-1	0.0
DFT-s-OFDM 16QAM	1	1	11.47	11.05	11.76	11.76	11.72	0-1	0.0
CP-OFDM QPSK	1	1	11.70	11.30	11.88	11.90	11.84	0-1.5	0.0

Table H-354
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.93	11.73	11.90	11.95	11.81	11.68	0	0.0
	1	53	11.82	11.70	11.95	11.93	11.77	11.33		0.0
	1	104	11.82	11.85	11.98	11.95	11.75	11.18		0.0
	50	0	11.87	11.55	11.85	11.82	11.75	11.43	0-0.5	0.0
	50	28	11.81	11.67	11.96	11.83	11.70	11.34	0	0.0
	50	56	11.76	11.73	11.98	11.74	11.74	11.25	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	11.81	11.70	11.97	11.85	11.72	11.41	0-0.5	0.0
	1	1	11.95	11.75	11.91	11.94	11.82	11.69	0	0.0
	1	53	11.87	11.74	11.94	11.90	11.79	11.40		0.0
	1	104	11.86	11.88	11.99	11.97	11.76	11.23		0.0
	50	0	11.84	11.57	11.86	11.82	11.73	11.42	0-1	0.0
	50	28	11.79	11.66	11.96	11.79	11.67	11.33	0	0.0
50	56	11.74	11.73	11.92	11.75	11.74	11.23	0-1	0.0	
DFT-s-OFDM 16QAM	100	0	11.81	11.70	11.90	11.84	11.69	11.39	0-1	0.0
DFT-s-OFDM 16QAM	1	1	11.85	11.72	11.85	11.91	11.78	11.72	0-1	0.0
CP-OFDM QPSK	1	1	11.98	11.95	11.98	11.97	11.95	11.88	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 330 of 336

Table H-355
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.60	11.30	11.60	11.80	11.54	11.50	0	0.0	
	1	39	11.51	11.35	11.78	11.76	11.49	11.51		0.0	
	1	76	11.47	11.57	11.80	11.68	11.64	10.88		0.0	
		36	0	11.46	11.26	11.58	11.73	11.47	11.47	0-0.5	0.0
		36	21	11.53	11.37	11.70	11.79	11.49	11.22	0	0.0
		36	42	11.52	11.39	11.76	11.72	11.62	11.07	0-0.5	0.0
		75	0	11.55	11.42	11.74	11.80	11.53	11.25		0.0
DFT-s-OFDM QPSK	1	1	11.55	11.22	11.49	11.72	11.47	11.46	0	0.0	
	1	39	11.50	11.30	11.63	11.67	11.41	11.44		0.0	
	1	76	11.48	11.40	11.78	11.61	11.58	10.86		0.0	
		36	0	11.60	11.27	11.58	11.71	11.47	11.35	0-1	0.0
		36	21	11.57	11.39	11.69	11.74	11.48	11.34	0	0.0
		36	42	11.56	11.37	11.76	11.68	11.57	10.99	0-1	0.0
		75	0	11.58	11.38	11.69	11.74	11.47	11.18		0.0
DFT-s-OFDM 16QAM	1	1	11.69	11.43	11.63	11.85	11.62	11.50	0-1	0.0	
CP-OFDM QPSK	1	1	11.43	11.26	11.48	11.70	11.45	11.37	0-1.5	0.0	

Table H-356
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 3 (Hotspot Mode) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.60	11.54	11.66	11.79	11.62	11.29	0	0.0	
	1	26	11.51	11.49	11.61	11.65	11.61	11.31		0.0	
	1	49	11.62	11.58	11.77	11.68	11.76	11.00		0.0	
		25	0	11.53	11.53	11.73	11.71	11.61	11.18	0-0.5	0.0
		25	13	11.51	11.48	11.71	11.63	11.58	11.20	0	0.0
		25	26	11.52	11.48	11.72	11.64	11.62	11.04	0-0.5	0.0
		50	0	11.53	11.48	11.71	11.63	11.61	11.05		0.0
DFT-s-OFDM QPSK	1	1	11.51	11.46	11.67	11.70	11.50	11.25	0	0.0	
	1	26	11.45	11.40	11.64	11.58	11.48	11.27		0.0	
	1	49	11.56	11.50	11.77	11.63	11.67	10.89		0.0	
		25	0	11.54	11.50	11.74	11.71	11.58	11.20	0-1	0.0
		25	13	11.51	11.44	11.69	11.62	11.55	11.23	0	0.0
		25	26	11.51	11.47	11.71	11.67	11.58	10.99	0-1	0.0
		50	0	11.53	11.47	11.70	11.66	11.60	11.01		0.0
DFT-s-OFDM 16QAM	1	1	11.63	11.60	11.78	11.85	11.65	11.35	0-1	0.0	
CP-OFDM QPSK	1	1	11.53	11.48	11.65	11.73	11.51	11.22	0-1.5	0.0	


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 331 of 336

Table H-357
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.71	8.97	9.20	0	0.0
	1	123	9.12	9.19	9.46		0.0
	1	243	9.03	9.08	8.57		0.0
	120	0	8.71	9.08	9.34	0-0.5	0.0
	120	63	9.01	9.17	9.38	0	0.0
	120	125	9.08	9.10	9.03	0-0.5	0.0
	243	0	8.94	9.11	9.23		0.0
DFT-s-OFDM QPSK	1	1	8.54	9.01	9.14	0	0.0
	1	123	9.12	9.24	9.49		0.0
	1	243	9.04	9.12	8.51		0.0
	120	0	8.80	9.09	9.34	0-1	0.0
	120	63	9.02	9.17	9.36	0	0.0
	120	125	9.10	9.14	8.98	0-1	0.0
243	0	8.93	9.09	9.19	0.0		
DFT-s-OFDM 16QAM	1	1	8.62	9.08	9.15	0-1	0.0
CP-OFDM QPSK	1	1	8.63	8.92	9.06	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 332 of 336

Table H-358
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.76	8.86	9.11	0	0.0
	1	109	9.14	9.13	9.36		0.0
	1	215	9.00	8.99	8.41		0.0
	108	0	8.64	9.01	9.27	0-0.5	0.0
	108	55	9.01	9.13	9.28	0	0.0
	108	109	9.12	8.97	8.94	0-0.5	0.0
	216	0	8.94	9.08	9.21		0.0
DFT-s-OFDM QPSK	1	1	8.53	8.92	9.21	0	0.0
	1	109	9.11	9.16	9.35		0.0
	1	215	9.08	9.04	8.53		0.0
	108	0	8.67	9.00	9.35	0-1	0.0
	108	55	9.02	9.13	9.29	0	0.0
	108	109	9.11	9.02	8.98	0-1	0.0
	216	0	8.96	9.04	9.19		0.0
DFT-s-OFDM 16QAM	1	1	8.61	8.96	9.31	0-1	0.0
CP-OFDM QPSK	1	1	8.56	8.84	9.16	0-1.5	0.0

Table H-359
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.78	9.00	8.94	9.26	0	0.0
	1	95	9.14	9.11	8.98	9.28		0.0
	1	187	9.21	8.97	9.25	9.24		0.0
	90	0	8.81	9.05	8.91	9.38	0-0.5	0.0
	90	50	9.03	9.13	9.01	9.26	0	0.0
	90	99	9.13	9.14	9.18	8.92	0-0.5	0.0
	180	0	8.98	9.08	9.04	9.19		0.0
DFT-s-OFDM QPSK	1	1	8.68	9.09	9.04	9.32	0	0.0
	1	95	9.07	9.12	9.09	9.34		0.0
	1	187	9.14	9.07	9.31	8.56		0.0
	90	0	8.67	9.08	8.91	9.39	0-1	0.0
	90	50	9.03	9.09	9.04	9.28	0	0.0
	90	99	9.10	9.13	9.23	8.94	0-1	0.0
	180	0	8.92	9.08	9.04	9.17		0.0
DFT-s-OFDM 16QAM	1	1	8.65	9.03	9.06	9.38	0-1	0.0
CP-OFDM QPSK	1	1	8.58	9.11	9.01	9.32	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 333 of 336

Table H-360
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.71	8.68	8.99	9.18	0	0.0
	1	81	9.16	9.01	9.04	9.15		0.0
	1	160	9.18	9.12	9.23	8.48		0.0
	81	0	8.76	8.85	9.07	9.28	0-0.5	0.0
	81	41	9.02	8.96	9.08	9.14	0	0.0
	81	81	9.14	9.12	9.16	8.84	0-0.5	0.0
	162	0	8.88	8.94	9.08	9.05		0.0
DFT-s-OFDM QPSK	1	1	8.60	8.66	9.07	9.19	0	0.0
	1	81	9.09	8.98	9.11	9.25		0.0
	1	160	9.05	9.08	9.23	8.51		0.0
	81	0	8.69	8.87	9.13	9.31	0-1	0.0
	81	41	9.08	8.94	9.14	9.23	0	0.0
	81	81	9.11	9.14	9.19	8.82	0-1	0.0
	162	0	8.91	8.95	9.12	9.02		0.0
DFT-s-OFDM 16QAM	1	1	8.59	8.94	9.23	9.43	0-1	0.0
CP-OFDM QPSK	1	1	8.62	8.75	9.14	9.23	0-1.5	0.0

Table H-361
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.72	9.41	9.38	9.01	9.66	0	0.0
	1	67	9.32	9.52	9.37	9.29	9.33		0.0
	1	131	9.53	9.44	9.26	9.41	9.11		0.0
	64	0	8.81	9.53	9.54	9.21	9.54	0-0.5	0.0
	64	35	9.01	9.56	9.46	9.38	9.39	0	0.0
	64	69	9.08	9.57	9.41	9.43	9.23	0-0.5	0.0
	128	0	8.88	9.51	9.38	9.31	9.42		0.0
DFT-s-OFDM QPSK	1	1	8.79	9.51	9.45	9.07	9.74	0	0.0
	1	67	9.26	9.62	9.43	9.35	9.41		0.0
	1	131	9.52	9.55	9.32	9.48	9.16		0.0
	64	0	9.13	9.57	9.54	9.21	9.59	0-1	0.0
	64	35	9.24	9.59	9.44	9.38	9.42	0	0.0
	64	69	9.41	9.61	9.38	9.46	9.25	0-1	0.0
	128	0	9.19	9.58	9.42	9.33	9.42		0.0
DFT-s-OFDM 16QAM	1	1	9.44	9.42	9.54	9.43	9.98	0-1	0.0
CP-OFDM QPSK	1	1	9.17	9.49	9.41	9.12	9.84	0-1.5	0.0


FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 334 of 336

Table H-362
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.14	9.46	9.56	9.45	9.42	9.63	0	0.0
	1	53	9.10	9.55	9.51	9.24	9.45	9.22		0.0
	1	104	9.51	9.44	9.48	9.38	9.65	9.14		0.0
	50	0	9.14	9.52	9.47	9.29	9.41	9.48	0-0.5	0.0
	50	28	9.18	9.62	9.53	9.27	9.48	9.27	0	0.0
	50	56	9.38	9.60	9.57	9.31	9.58	9.15	0-0.5	0.0
	100	0	9.21	9.56	9.58	9.33	9.52	9.32	0	0.0
DFT-s-OFDM QPSK	1	1	9.21	9.53	9.62	9.51	9.51	9.69	0	0.0
	1	53	9.16	9.61	9.58	9.32	9.56	9.26		0.0
	1	104	9.58	9.53	9.56	9.47	9.74	9.18		0.0
	50	0	9.16	9.52	9.49	9.29	9.39	9.49	0-1	0.0
	50	28	9.20	9.59	9.56	9.30	9.54	9.28	0	0.0
	50	56	9.40	9.61	9.57	9.31	9.59	9.12	0-1	0.0
	100	0	9.24	9.57	9.59	9.38	9.51	9.31	0	0.0
DFT-s-OFDM 16QAM	1	1	9.52	9.52	9.96	9.88	9.48	9.97	0-1	0.0
CP-OFDM QPSK	1	1	9.24	9.51	9.60	9.55	9.47	9.71	0-1.5	0.0

Table H-363
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.04	9.28	9.42	9.26	9.33	9.44	0	0.0
	1	39	9.23	9.41	9.49	9.21	9.45	9.15		0.0
	1	76	9.21	9.45	9.51	9.36	9.61	9.07		0.0
	36	0	9.02	9.32	9.44	9.18	9.36	9.27	0-0.5	0.0
	36	21	9.04	9.45	9.52	9.22	9.47	9.12	0	0.0
	36	42	9.11	9.49	9.53	9.24	9.50	9.18	0-0.5	0.0
	75	0	9.05	9.46	9.52	9.24	9.48	9.18	0	0.0
DFT-s-OFDM QPSK	1	1	9.07	9.37	9.49	9.32	9.42	9.54	0	0.0
	1	39	9.14	9.51	9.52	9.26	9.52	9.28		0.0
	1	76	9.26	9.55	9.58	9.43	9.69	9.17		0.0
	36	0	9.03	9.36	9.41	9.23	9.38	9.34	0-1	0.0
	36	21	9.02	9.47	9.54	9.24	9.51	9.19	0	0.0
	36	42	9.12	9.50	9.52	9.25	9.54	9.24	0-1	0.0
	75	0	9.08	9.48	9.54	9.28	9.53	9.26	0	0.0
DFT-s-OFDM 16QAM	1	1	9.40	9.48	9.84	9.65	9.51	9.94	0-1	0.0
CP-OFDM QPSK	1	1	9.09	9.44	9.48	9.35	9.49	9.56	0-1.5	0.0



FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 335 of 336

Table H-364
NR Band n77 C Band Ant C Measured P_{Limit} for DSI = 2 (Head) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM $\pi/2$ BPSK	1	1	8.90	9.41	9.52	9.17	9.38	9.34	0	0.0	
	1	26	9.14	9.42	9.46	9.15	9.46	9.22		0.0	
	1	49	9.02	9.44	9.50	9.21	9.53	9.08		0.0	
		25	0	8.87	9.45	9.51	9.15	9.40	9.28	0-0.5	0.0
		25	13	9.01	9.43	9.47	9.08	9.47	9.21	0	0.0
		25	26	9.08	9.44	9.45	9.18	9.46	9.14	0-0.5	0.0
		50	0	8.98	9.43	9.48	9.12	9.49	9.23	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	9.00	9.48	9.57	9.26	9.47	9.47	0	0.0	
	1	26	9.08	9.46	9.51	9.22	9.55	9.33		0.0	
	1	49	9.07	9.57	9.54	9.28	9.57	9.19		0.0	
		25	0	8.96	9.44	9.53	9.15	9.39	9.31	0-1	0.0
		25	13	9.01	9.43	9.46	9.08	9.48	9.23	0	0.0
		25	26	9.12	9.46	9.45	9.23	9.49	9.20	0-1	0.0
		50	0	9.04	9.44	9.47	9.14	9.51	9.25	0-1	0.0
DFT-s-OFDM 16QAM	1	1	9.36	9.52	9.93	9.61	9.54	9.81	0-1	0.0	
CP-OFDM QPSK	1	1	9.02	9.43	9.58	9.27	9.51	9.44	0-1.5	0.0	

FCC ID: A3LSMF711U	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX H: Page 336 of 336