

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}).

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71

Table H-13
LTE Band 71 Measured P_{Max} for all DSI - 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	24.17	0	0
	1	36	24.11		0
	1	74	23.99		0
	36	0	23.14	0-1	1
	36	18	23.18		1
	36	37	23.07		1
	75	0	23.08		1
16QAM	1	0	23.58	0-1	1
	1	36	23.38		1
	1	74	23.28		1
	36	0	22.11	0-2	2
	36	18	22.19		2
	36	37	22.08		2
	75	0	22.13		2
64QAM	1	0	22.54	0-2	2
	1	36	22.45		2
	1	74	22.23		2
	36	0	21.25	0-3	3
	36	18	21.33		3
	36	37	21.27		3
	75	0	21.23		3
256QAM	1	0	19.28	0-5	5
	1	36	19.35		5
	1	74	19.30		5
	36	0	19.17		5
	36	18	19.34		5
	36	37	19.27		5
	75	0	19.23		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 1 of 218

Table H-14
LTE Band 71 Measured P_{Max} for all DSI - 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]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)	
			Conducted Power [dBm]			
QPSK	1	0	24.70	24.51	24.44	0
	1	25	24.65	24.49	24.56	
	1	49	24.41	24.41	24.57	
	25	0	23.60	23.44	23.56	0-1
	25	12	23.65	23.46	23.55	
	25	25	23.56	23.42	23.59	
16QAM	50	0	23.57	23.38	23.44	0-1
	1	0	23.85	23.85	23.88	
	1	25	23.81	23.60	23.87	
	1	49	23.85	23.72	23.86	0-2
	25	0	22.57	22.45	22.54	
	25	12	22.64	22.52	22.54	
64QAM	25	25	22.57	22.40	22.56	0-2
	50	0	22.57	22.40	22.45	
	1	0	22.74	22.67	22.63	
	1	25	22.83	22.64	22.65	0-3
	1	49	22.71	22.60	22.72	
	25	0	21.59	21.40	21.55	
256QAM	25	12	21.66	21.43	21.46	0-3
	25	25	21.54	21.35	21.58	
	50	0	21.57	21.37	21.40	
	1	0	19.54	19.26	19.23	0-5
	1	25	19.92	19.62	19.63	
	1	49	19.47	19.37	19.45	
25	0	19.46	19.27	19.34		
25	12	19.64	19.40	19.45		
25	25	19.51	19.35	19.47		
50	0	19.54	19.33	19.40		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 2 of 218

Table H-15
LTE Band 71 Measured P_{Max} for all DSI - 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]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)	
Conducted Power [dBm]						
QPSK	1	0	24.77	24.26	24.46	0
	1	12	24.80	24.48	24.65	
	1	24	24.74	24.28	24.50	
	12	0	23.72	23.33	23.46	0-1
	12	6	23.75	23.47	23.54	
	12	13	23.65	23.45	23.59	
16QAM	25	0	23.66	23.43	23.50	0-1
	1	0	24.16	23.71	23.83	
	1	12	24.17	23.60	23.91	
	1	24	24.09	23.64	23.86	0-2
	12	0	22.71	22.29	22.59	
	12	6	22.77	22.44	22.68	
64QAM	12	13	22.69	22.40	22.72	0-2
	25	0	22.67	22.38	22.52	
	1	0	22.85	22.29	22.52	
	1	12	22.81	22.53	22.58	0-2
	1	24	22.65	22.29	22.61	
	12	0	21.72	21.32	21.50	
256QAM	12	6	21.73	21.48	21.59	0-3
	12	13	21.64	21.39	21.70	
	25	0	21.62	21.40	21.50	
	1	0	19.41	19.42	19.56	0-5
	1	12	19.82	19.63	19.72	
	1	24	19.60	19.45	19.60	
12	0	19.58	19.23	19.41		
12	6	19.66	19.39	19.55		
12	13	19.66	19.37	19.54		
25	0	19.60	19.39	19.45		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 3 of 218

H.1.1 LTE Band 12

Table H-16
LTE Band 12 Measured P_{Max} for all DSI - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.59	24.68	24.42	0	0
	1	12	24.62	24.51	24.46		0
	1	24	24.47	24.64	24.34		0
	12	0	23.71	23.64	23.41	0-1	1
	12	6	23.64	23.61	23.38		1
	12	13	23.59	23.55	23.30		1
16QAM	25	0	23.63	23.54	23.44	0-1	1
	1	0	23.79	23.69	23.61		1
	1	12	23.80	23.82	23.79		1
	1	24	23.65	23.71	23.55	0-2	1
	12	0	22.55	22.68	22.45		2
	12	6	22.60	22.71	22.39		2
64QAM	12	13	22.57	22.58	22.25	0-2	2
	25	0	22.54	22.51	22.38		2
	1	0	22.65	22.71	22.65		0-2
	1	12	22.54	22.67	22.41	2	
	1	24	22.68	22.62	22.46	2	
	256QAM	12	0	21.55	21.65	21.36	0-3
12		6	21.52	21.63	21.27	3	
12		13	21.42	21.52	21.29	3	
25		0	21.53	21.55	21.26	0-5	3
1		0	19.62	19.82	19.44		5
1		12	19.56	19.65	19.18		5
256QAM	1	24	19.49	19.19	19.22	0-5	5
	12	0	19.56	19.60	19.34		5
	12	6	19.54	19.56	19.32		5
	12	13	19.44	19.41	19.19	5	
	25	0	19.50	19.40	19.26	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 4 of 218

Table H-17
LTE Band 12 Measured P_{Max} for all DSI - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.45	24.45	24.25	0	0
	1	7	24.50	24.45	24.31		0
	1	14	24.42	24.41	24.20		0
	8	0	23.55	23.48	23.29	0-1	1
	8	4	23.51	23.45	23.32		1
	8	7	23.50	23.34	23.25		1
	15	0	23.49	23.33	23.25	1	
16QAM	1	0	23.75	23.65	23.46	0-1	1
	1	7	23.70	23.65	23.60		1
	1	14	23.66	23.42	23.32		1
	8	0	22.56	22.45	22.35	0-2	2
	8	4	22.65	22.44	22.33		2
	8	7	22.55	22.36	22.24		2
	15	0	22.50	22.34	22.30	2	
64QAM	1	0	22.71	22.56	22.43	0-2	2
	1	7	22.68	22.60	22.43		2
	1	14	22.61	22.40	22.32		2
	8	0	21.47	21.42	21.29	0-3	3
	8	4	21.55	21.42	21.33		3
	8	7	21.44	21.30	21.25		3
	15	0	21.52	21.38	21.30	3	
256QAM	1	0	19.54	19.42	19.28	0-5	5
	1	7	19.55	19.40	19.33		5
	1	14	19.40	19.27	19.19		5
	8	0	19.50	19.36	19.29		5
	8	4	19.56	19.37	19.29		5
	8	7	19.50	19.35	19.26		5
	15	0	19.49	19.32	19.24	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 5 of 218

Table H-18
LTE Band 12 Measured P_{Max} for all DSI – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.60	24.35	24.20	0	0
	1	2	24.61	24.43	24.25		0
	1	5	24.50	24.45	24.30		0
	3	0	24.53	24.38	24.25		0
	3	2	24.55	24.40	24.30		0
	3	3	24.52	24.44	24.35		0
16QAM	6	0	23.50	23.38	23.30	0-1	1
	1	0	23.73	23.60	23.50	0-1	1
	1	2	23.74	23.64	23.41		1
	1	5	23.80	23.61	23.30		1
	3	0	23.83	23.52	23.40		1
	3	2	23.72	23.44	23.37		1
3	3	23.76	23.44	23.43	1		
64QAM	6	0	22.63	22.37	22.34	0-2	2
	1	0	22.68	22.40	22.40	0-2	2
	1	2	22.65	22.55	22.52		2
	1	5	22.77	22.49	22.36		2
	3	0	22.59	22.43	22.45		2
	3	2	22.70	22.42	22.49		2
3	3	22.60	22.47	22.37	2		
256QAM	6	0	21.59	21.39	21.34	0-3	3
	1	0	19.51	19.39	19.35	0-5	5
	1	2	19.50	19.41	19.43		5
	1	5	19.62	19.33	19.34		5
	3	0	19.47	19.40	19.41		5
	3	2	19.50	19.33	19.30		5
3	3	19.36	19.20	19.27	5		
	6	0	19.33	19.45	19.25		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 6 of 218

H.1.1 LTE Band 13

Table H-19
LTE Band 13 Measured P_{Max} for all DSI - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.98	0	0
	1	12	25.15		0
	1	24	24.93		0
	12	0	23.84	0-1	1
	12	6	23.90		1
	12	13	23.85		1
	25	0	23.84		1
16QAM	1	0	24.21	0-1	1
	1	12	24.15		1
	1	24	24.19		1
	12	0	22.89	0-2	2
	12	6	22.86		2
	12	13	22.83		2
	25	0	22.86		2
64QAM	1	0	23.14	0-2	2
	1	12	23.14		2
	1	24	23.00		2
	12	0	21.91	0-3	3
	12	6	21.92		3
	12	13	21.93		3
	25	0	21.85		3
256QAM	1	0	19.78	0-5	5
	1	12	19.83		5
	1	24	19.60		5
	12	0	19.77		5
	12	6	19.63		5
	12	13	19.79		5
	25	0	19.76		5

H.1.1 LTE Band 14

Table H-20
LTE Band 14 Measured P_{Max} for all DSI - 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	24.70	0	0
	1	12	24.70		0
	1	24	24.63		0
	12	0	23.68	0-1	1
	12	6	23.69		1
	12	13	23.60		1
	25	0	23.66		1
16QAM	1	0	24.08	0-1	1
	1	12	23.96		1
	1	24	23.89		1
	12	0	22.79	0-2	2
	12	6	22.64		2
	12	13	22.54		2
	25	0	22.65		2
64QAM	1	0	22.98	0-2	2
	1	12	22.88		2
	1	24	22.88		2
	12	0	21.69	0-3	3
	12	6	21.71		3
	12	13	21.59		3
	25	0	21.56		3
256QAM	1	0	19.80	0-5	5
	1	12	19.65		5
	1	24	19.45		5
	12	0	19.64		5
	12	6	19.46		5
	12	13	19.44		5
	25	0	19.40		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 8 of 218

H.1.1 LTE Band 26

Table H-21
LTE Band 26 (Cell) Measured P_{Max} for all DSI - 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	24.32	24.37	24.50	0	0
	1	25	24.36	24.39	24.48		0
	1	49	24.34	24.30	24.45		0
	25	0	23.21	23.21	23.29	0-1	1
	25	12	23.41	23.35	23.38		1
	25	25	23.34	23.34	23.39		1
16QAM	50	0	23.31	23.24	23.31	0-1	1
	1	0	23.73	23.86	23.95		1
	1	25	23.64	23.91	23.95		1
	1	49	23.65	23.74	23.86	0-2	1
	25	0	22.21	22.25	22.24		2
	25	12	22.38	22.38	22.28		2
64QAM	25	25	22.32	22.34	22.31	0-2	2
	50	0	22.31	22.28	22.32		2
	1	0	22.52	22.65	22.55		0-2
	1	25	22.59	22.50	22.63	2	
	1	49	22.60	22.55	22.57	2	
	256QAM	25	0	21.21	21.22	21.25	0-3
25		12	21.39	21.37	21.36	3	
25		25	21.33	21.35	21.40	3	
50		0	21.28	21.25	21.34	0-5	3
1		0	19.16	19.20	19.16		5
1		25	19.68	19.61	19.68		5
256QAM	1	49	19.30	19.23	19.35	0-5	5
	25	0	19.21	19.24	19.29		5
	25	12	19.44	19.35	19.38		5
	25	25	19.35	19.32	19.36	5	
	50	0	19.34	19.27	19.27	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 9 of 218

Table H-22
LTE Band 26 (Cell) Measured P_{Max} for all DSI - 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	24.46	24.35	24.38	0	0
	1	12	24.50	24.48	24.46		0
	1	24	24.51	24.40	24.35		0
	12	0	23.32	23.38	23.23	0-1	1
	12	6	23.47	23.44	23.36		1
	12	13	23.40	23.46	23.30		1
	25	0	23.40	23.38	23.31		1
16QAM	1	0	23.73	23.79	23.84	0-1	1
	1	12	23.80	23.89	23.80		1
	1	24	23.80	23.74	23.77		1
	12	0	22.47	22.34	22.21	0-2	2
	12	6	22.59	22.47	22.40		2
	12	13	22.52	22.48	22.33		2
	25	0	22.45	22.39	22.31		2
64QAM	1	0	22.43	22.58	22.49	0-2	2
	1	12	22.63	22.50	22.38		2
	1	24	22.52	22.55	22.27		2
	12	0	21.38	21.36	21.25	0-3	3
	12	6	21.49	21.35	21.35		3
	12	13	21.40	21.47	21.34		3
	25	0	21.38	21.40	21.25		3
256QAM	1	0	19.36	19.25	19.25	0-5	5
	1	12	19.54	19.65	19.30		5
	1	24	19.34	19.38	19.35		5
	12	0	19.30	19.30	19.18		5
	12	6	19.37	19.37	19.35		5
	12	13	19.43	19.42	19.24		5
	25	0	19.36	19.36	19.25		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 10 of 218

Table H-23
LTE Band 26 (Cell) Measured P_{Max} for all DSI - 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	24.32	24.35	24.23	0	0	
	1	7	24.52	24.52	24.42		0	
	1	14	24.33	24.40	24.31		0	
	8	0	23.43	23.39	23.24	0-1	1	
	8	4	23.45	23.40	23.27		1	
	8	7	23.42	23.46	23.31		1	
16QAM	15	0	23.44	23.36	23.22	0-1	1	
	1	0	23.75	23.84	23.61		0-1	1
	1	7	23.75	23.90	23.63			1
	1	14	23.71	23.74	23.63	0-2		1
	8	0	22.49	22.33	22.26		2	
	8	4	22.56	22.51	22.42		2	
64QAM	8	7	22.55	22.52	22.42	0-2	2	
	15	0	22.42	22.39	22.37		2	
	1	0	22.42	22.66	22.51		0-2	2
	1	7	22.71	22.50	22.48	0-3		2
	1	14	22.56	22.54	22.44			2
	8	0	21.45	21.38	21.21		0-3	3
8	4	21.43	21.46	21.29	3			
8	7	21.51	21.50	21.30	3			
256QAM	15	0	21.41	21.40	21.21	0-5	3	
	1	0	19.18	19.25	19.23		0-5	5
	1	7	19.46	19.60	19.42			5
	1	14	19.24	19.38	19.28	0-5		5
	8	0	19.36	19.30	19.24		5	
	8	4	19.43	19.35	19.33		5	
	8	7	19.44	19.48	19.25	5		
	15	0	19.36	19.36	19.21	5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 11 of 218

Table H-24
LTE Band 26 (Cell) Measured P_{Max} for all DSI – 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	24.46	24.38	24.25	0	0
	1	2	24.46	24.48	24.32		0
	1	5	24.42	24.40	24.30		0
	3	0	24.50	24.48	24.28		0
	3	2	24.47	24.45	24.30		0
	3	3	24.49	24.40	24.31		0
	6	0	22.90	22.94	23.00	0-1	1
16QAM	1	0	23.61	23.81	23.65	0-1	1
	1	2	23.74	23.77	23.85		1
	1	5	23.66	23.74	23.65		1
	3	0	23.57	23.59	23.57		1
	3	2	23.63	23.65	23.49		1
	3	3	23.59	23.60	23.56		1
	6	0	22.56	22.39	22.40	0-2	2
64QAM	1	0	22.40	22.54	22.61	0-2	2
	1	2	22.62	22.46	22.51		2
	1	5	22.68	22.55	22.44		2
	3	0	22.60	22.54	22.51		2
	3	2	22.53	22.62	22.55		2
	3	3	22.52	22.60	22.52		2
	6	0	21.57	21.30	21.34	0-3	3
256QAM	1	0	19.49	19.25	19.39	0-5	5
	1	2	19.61	19.65	19.55		5
	1	5	19.56	19.38	19.31		5
	3	0	19.61	19.39	19.11		5
	3	2	19.56	19.37	19.47		5
	3	3	19.59	19.46	19.10		5
	6	0	19.45	19.38	19.18		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 12 of 218

H.1.1 LTE Band 5

Table H-25
LTE Band 5 (Cell) Measured P_{Max} for all DSI - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.23	24.06	24.37	0	0
	1	12	24.45	24.22	24.54		0
	1	24	24.26	24.11	24.38		0
	12	0	23.05	23.10	23.11	0-1	1
	12	6	23.16	23.15	23.16		1
	12	13	23.13	23.18	23.21		1
16QAM	25	0	23.13	23.09	23.13	0-1	1
	1	0	23.38	23.45	23.52		1
	1	12	23.49	23.63	23.59		1
	1	24	23.39	23.51	23.50	0-2	1
	12	0	22.07	22.10	22.16		2
	12	6	22.20	22.16	22.21		2
64QAM	12	13	22.15	22.20	22.24	0-2	2
	25	0	22.12	22.12	22.16		2
	1	0	22.24	22.35	22.45		2
	1	12	22.45	22.42	22.48	0-3	2
	1	24	22.33	22.31	22.46		2
	12	0	20.94	21.12	21.21		3
256QAM	12	6	21.16	21.18	21.14	0-5	3
	12	13	21.02	21.20	21.16		3
	25	0	21.13	21.10	21.11		3
	1	0	19.13	19.14	19.15	0-5	5
	1	12	19.34	19.33	19.37		5
	1	24	19.20	19.19	19.26		5
12	0	19.01	19.09	19.09	5		
12	6	19.15	19.16	19.14	5		
12	13	19.08	19.13	19.17	5		
25	0	19.14	19.08	19.08	5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 13 of 218

Table H-26
LTE Band 5 (Cell) Measured P_{Max} for all DSI - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.03	24.20	24.07	0	0
	1	7	24.19	24.33	24.21		0
	1	14	24.08	24.21	24.10		0
	8	0	23.14	23.11	23.11	0-1	1
	8	4	23.17	23.22	23.24		1
	8	7	23.12	23.21	23.19		1
	15	0	23.11	23.11	23.18	1	
16QAM	1	0	23.24	23.37	23.36	0-1	1
	1	7	23.36	23.50	23.45		1
	1	14	23.27	23.40	23.33		1
	8	0	22.16	22.18	22.15	0-2	2
	8	4	22.18	22.30	22.28		2
	8	7	22.15	22.26	22.23		2
	15	0	22.17	22.15	22.23	2	
64QAM	1	0	22.35	22.35	22.43	0-2	2
	1	7	22.46	22.46	22.55		2
	1	14	22.40	22.41	22.47		2
	8	0	21.13	21.16	21.15	0-3	3
	8	4	21.27	21.31	21.30		3
	8	7	21.09	21.26	21.23		3
	15	0	21.13	21.14	21.23	3	
256QAM	1	0	19.14	19.10	19.20	0-5	5
	1	7	19.32	19.29	19.30		5
	1	14	19.22	19.20	19.29		5
	8	0	19.15	19.11	19.14		5
	8	4	19.18	19.26	19.26		5
	8	7	19.16	19.19	19.20		5
	15	0	19.11	19.13	19.19	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 14 of 218

Table H-27
LTE Band 5 (Cell) Measured P_{Max} for all DSI – 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	24.14	24.21	24.24	0	0
	1	2	24.19	24.27	24.21		0
	1	5	24.14	24.21	24.16		0
	3	0	24.17	24.20	24.25		0
	3	2	24.18	24.23	24.26		0
	3	3	24.17	24.23	24.23		0
16QAM	1	0	23.35	23.35	23.46	0-1	1
	1	2	23.36	23.43	23.44		1
	1	5	23.32	23.40	23.43		1
	3	0	23.26	23.32	23.38		1
	3	2	23.28	23.34	23.39		1
	3	3	23.25	23.34	23.31		1
64QAM	1	0	22.43	22.44	22.46	0-2	2
	1	2	22.48	22.53	22.52		2
	1	5	22.44	22.50	22.46		2
	3	0	22.21	22.28	22.32		2
	3	2	22.19	22.31	22.30		2
	3	3	22.18	22.30	22.30		2
256QAM	1	0	21.20	21.19	21.35	0-3	3
	1	0	19.23	19.27	19.27		5
	1	2	19.27	19.41	19.32		5
	1	5	19.22	19.34	19.25		5
	3	0	19.19	19.31	19.47		5
	3	2	18.98	19.40	19.45		5
256QAM	3	3	19.00	19.39	19.16	0-5	5
	6	0	19.17	19.09	19.21		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 15 of 218

H.1.1 LTE Band 66

Table H-28
LTE Band 66 (AWS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.93	23.82	24.10	0	0
	1	36	24.24	24.11	24.50		0
	1	74	24.18	23.94	24.34		0
	36	0	23.15	23.05	23.29	0-1	1
	36	18	23.06	23.09	23.24		1
	36	37	23.12	23.12	23.31		1
	75	0	23.15	23.07	23.30	1	
16QAM	1	0	23.22	23.15	23.45	0-1	1
	1	36	23.33	23.38	23.51		1
	1	74	23.08	23.33	23.49		1
	36	0	22.12	22.00	22.24	0-2	2
	36	18	22.21	22.17	22.32		2
	36	37	22.14	22.28	22.31		2
	75	0	22.17	22.10	22.31	2	
64QAM	1	0	22.12	21.95	22.41	0-2	2
	1	36	22.11	22.20	22.43		2
	1	74	22.09	22.16	22.19		2
	36	0	21.17	21.07	21.24	0-3	3
	36	18	21.15	21.17	21.25		3
	36	37	21.12	21.11	21.37		3
	75	0	21.18	21.12	21.37	3	
256QAM	1	0	19.09	18.92	19.29	0-5	5
	1	36	19.19	19.26	19.36		5
	1	74	19.17	19.23	19.17		5
	36	0	19.14	19.00	19.25		5
	36	18	19.12	19.13	19.32		5
	36	37	19.18	19.10	19.29		5
	75	0	19.14	19.04	19.33	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 16 of 218

Table H-29
LTE Band 66 (AWS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	24.12	24.21	24.40	0	0
	1	12	24.38	24.26	24.56		0
	1	24	24.20	24.18	24.36		0
	12	0	23.32	23.29	23.41	0-1	1
	12	6	23.36	23.32	23.50		1
	12	13	23.31	23.25	23.49		1
	25	0	23.34	23.20	23.50		1
16QAM	1	0	23.49	23.56	23.56	0-1	1
	1	12	23.50	23.54	23.62		1
	1	24	23.41	23.50	23.52		1
	12	0	22.37	22.38	22.47	0-2	2
	12	6	22.41	22.42	22.54		2
	12	13	22.34	22.21	22.46		2
	25	0	22.31	22.33	22.48		2
64QAM	1	0	22.41	22.41	22.48	0-2	2
	1	12	22.48	22.52	22.56		2
	1	24	22.43	22.39	22.59		2
	12	0	21.32	21.23	21.42	0-3	3
	12	6	21.35	21.37	21.56		3
	12	13	21.29	21.32	21.44		3
	25	0	21.32	21.35	21.41		3
256QAM	1	0	19.32	19.27	19.43	0-5	5
	1	12	19.30	19.38	19.55		5
	1	24	19.29	19.27	19.47		5
	12	0	19.32	19.36	19.33		5
	12	6	19.24	19.30	19.41		5
	12	13	19.28	19.26	19.40		5
	25	0	19.26	19.29	19.32	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 17 of 218

Table H-30
LTE Band 66 (AWS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	24.14	24.27	24.51	0	0
	1	7	24.23	24.31	24.41		0
	1	14	24.15	24.05	24.32		0
	8	0	23.33	23.26	23.41	0-1	1
	8	4	23.23	23.20	23.48		1
	8	7	23.30	23.19	23.41		1
	15	0	23.24	23.22	23.38		1
16QAM	1	0	23.50	23.51	23.40	0-1	1
	1	7	23.28	23.35	23.63		1
	1	14	23.46	23.32	23.60		1
	8	0	22.35	22.25	22.42	0-2	2
	8	4	22.33	22.23	22.39		2
	8	7	22.29	22.16	22.44		2
	15	0	22.31	22.24	22.47		2
64QAM	1	0	22.48	22.36	22.51	0-2	2
	1	7	22.43	22.41	22.58		2
	1	14	22.50	22.28	22.54		2
	8	0	21.32	21.27	21.41	0-3	3
	8	4	21.35	21.16	21.43		3
	8	7	21.28	21.20	21.37		3
	15	0	21.25	21.40	21.39		3
256QAM	1	0	19.30	19.24	19.43	0-5	5
	1	7	19.32	19.17	19.43		5
	1	14	19.27	19.20	19.35		5
	8	0	19.41	19.25	19.41		5
	8	4	19.36	19.23	19.48		5
	8	7	19.24	19.26	19.52		5
	15	0	19.34	19.27	19.44		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 18 of 218

Table H-31
LTE Band 66 (AWS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	24.08	24.22	24.58	0	0
	1	2	24.28	24.27	24.49		0
	1	5	24.20	24.24	24.41		0
	3	0	24.33	24.26	24.12		0
	3	2	24.35	24.25	24.44		0
	3	3	24.36	24.20	24.38		0
	6	0	23.22	23.20	23.52	0-1	1
16QAM	1	0	23.42	23.48	23.60	0-1	1
	1	2	23.52	23.37	23.55		1
	1	5	23.42	23.20	23.48		1
	3	0	23.37	23.32	23.56		1
	3	2	23.44	23.35	23.54		1
	3	3	23.31	23.11	23.52		1
	6	0	22.30	22.26	22.52	0-2	2
64QAM	1	0	22.52	22.38	22.60	0-2	2
	1	2	22.50	22.29	22.54		2
	1	5	22.46	22.43	22.55		2
	3	0	22.41	22.41	22.54		2
	3	2	22.46	22.44	22.49		2
	3	3	22.44	22.39	22.56		2
	6	0	21.25	21.15	21.45	0-3	3
256QAM	1	0	19.21	19.19	19.45	0-5	5
	1	2	19.22	19.28	19.48		5
	1	5	19.32	19.16	19.57		5
	3	0	19.24	19.10	19.52		5
	3	2	19.22	19.14	19.47		5
	3	3	19.26	19.21	19.46		5
	6	0	19.30	19.17	19.50		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 19 of 218

Table H-32

LTE Band 66 (AWS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.91	17.96	18.15	0	0
	1	36	18.09	18.09	18.15		0
	1	74	17.88	17.83	18.07		0
	36	0	18.00	17.99	18.16	0-1	0
	36	18	18.14	18.01	18.15		0
	36	37	17.96	17.91	18.16		0
	75	0	17.97	17.94	18.14	0	
16QAM	1	0	18.31	18.08	18.56	0-1	0
	1	36	18.26	18.29	18.50		0
	1	74	18.13	18.10	18.33		0
	36	0	18.00	18.02	18.13	0-2	0
	36	18	18.00	18.04	18.19		0
	36	37	17.97	17.99	18.15		0
	75	0	17.96	17.98	18.18	0	
64QAM	1	0	18.19	18.07	18.46	0-2	0
	1	36	18.24	18.03	18.51		0
	1	74	18.11	18.06	18.40		0
	36	0	17.99	17.99	18.15	0-3	0
	36	18	18.01	18.02	18.11		0
	36	37	17.96	17.92	18.13		0
	75	0	18.00	17.96	18.16	0	
256QAM	1	0	17.88	18.03	18.11	0-5	0
	1	36	18.03	18.07	18.24		0
	1	74	17.75	17.93	18.06		0
	36	0	17.99	18.01	18.13		0
	36	18	18.05	18.00	18.12		0
	36	37	17.97	17.97	18.13		0
	75	0	17.97	17.96	18.15	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 20 of 218

Table H-33

LTE Band 66 (AWS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.15	18.01	18.33	0	0
	1	12	18.27	18.20	18.31		0
	1	24	18.10	18.05	18.25		0
	12	0	18.18	18.14	18.30	0-1	0
	12	6	18.18	18.16	18.38		0
	12	13	18.06	18.07	18.28		0
	25	0	18.13	18.11	18.33	0	
16QAM	1	0	18.35	18.43	18.57	0-1	0
	1	12	18.43	18.42	18.63		0
	1	24	18.26	18.40	18.56		0
	12	0	18.16	18.18	18.29	0-2	0
	12	6	18.18	18.15	18.32		0
	12	13	18.09	18.10	18.31		0
	25	0	18.13	18.13	18.32	0	
64QAM	1	0	18.23	18.33	18.53	0-2	0
	1	12	18.58	18.47	18.65		0
	1	24	18.13	18.22	18.55		0
	12	0	18.08	18.09	18.46	0-3	0
	12	6	18.02	18.09	18.52		0
	12	13	18.00	17.95	18.42		0
	25	0	18.07	18.06	18.34	0	
256QAM	1	0	18.13	18.12	18.28	0-5	0
	1	12	18.31	18.16	18.40		0
	1	24	18.18	18.12	18.36		0
	12	0	18.13	18.19	18.27		0
	12	6	18.11	18.15	18.36		0
	12	13	18.03	18.03	18.24		0
	25	0	18.09	18.10	18.24	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 21 of 218

Table H-34

LTE Band 66 (AWS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.02	18.01	18.27	0	0
	1	7	18.05	18.19	18.37		0
	1	14	17.92	17.99	18.19		0
	8	0	18.12	18.13	18.30	0-1	0
	8	4	18.12	18.10	18.37		0
	8	7	18.04	18.09	18.30		0
	15	0	18.13	18.09	18.34	0	
16QAM	1	0	18.34	18.34	18.61	0-1	0
	1	7	18.38	18.47	18.71		0
	1	14	18.11	18.30	18.50		0
	8	0	18.18	18.19	18.28	0-2	0
	8	4	18.18	18.22	18.44		0
	8	7	18.12	18.16	18.33		0
	15	0	18.17	18.11	18.35	0	
64QAM	1	0	18.25	18.38	18.55	0-2	0
	1	7	18.34	18.33	18.58		0
	1	14	18.27	18.20	18.53		0
	8	0	18.20	18.13	18.38	0-3	0
	8	4	18.15	18.13	18.42		0
	8	7	18.11	18.07	18.45		0
	15	0	18.11	18.08	18.40	0	
256QAM	1	0	18.22	18.11	18.32	0-5	0
	1	7	18.30	18.28	18.38		0
	1	14	18.19	18.12	18.23		0
	8	0	18.13	18.10	18.31		0
	8	4	18.14	18.13	18.33		0
	8	7	18.14	18.08	18.27		0
	15	0	18.12	18.08	18.30	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 22 of 218

Table H-35

LTE Band 66 (AWS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
Conducted Power [dBm]							
QPSK	1	0	18.15	18.00	18.42	0	0
	1	2	18.18	18.23	18.42		0
	1	5	18.10	18.02	18.35		0
	3	0	18.08	18.13	18.33		0
	3	2	18.07	18.11	18.33		0
	3	3	18.06	18.13	18.32		0
	6	0	18.07	18.07	18.34	0-1	0
16QAM	1	0	18.32	18.35	18.56	0-1	0
	1	2	18.45	18.33	18.59		0
	1	5	18.26	18.39	18.51		0
	3	0	18.20	18.23	18.39		0
	3	2	18.22	18.25	18.46		0
	3	3	18.14	18.23	18.42		0
	6	0	18.15	18.21	18.40	0-2	0
64QAM	1	0	18.28	18.28	18.50	0-2	0
	1	2	18.25	18.45	18.53		0
	1	5	18.19	18.38	18.46		0
	3	0	18.17	18.19	18.42		0
	3	2	18.31	18.15	18.41		0
	3	3	18.19	18.17	18.42		0
	6	0	18.06	18.10	18.31	0-3	0
256QAM	1	0	18.17	18.14	18.40	0-5	0
	1	2	18.35	18.38	18.58		0
	1	5	18.17	18.08	18.27		0
	3	0	18.09	18.17	18.37		0
	3	2	18.25	18.23	18.38		0
	3	3	18.07	18.18	18.34		0
	6	0	18.16	18.07	18.30	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 23 of 218

Table H-36
LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.34	21.18	21.68	0	0
	1	36	21.68	21.68	21.77		0
	1	74	21.45	21.52	21.66		0
	36	0	21.51	21.55	21.70	0-1	0
	36	18	21.65	21.62	21.77		0
	36	37	21.60	21.62	21.76		0
	75	0	21.61	21.62	21.76		0
16QAM	1	0	21.59	21.52	21.37	0-1	0
	1	36	21.75	21.48	21.53		0
	1	74	21.63	21.62	21.52		0
	36	0	21.58	21.58	21.75	0-2	0
	36	18	21.70	21.56	21.47		0
	36	37	21.51	21.50	21.79		0
	75	0	21.62	21.62	21.45		0
64QAM	1	0	21.48	21.54	21.54	0-2	0
	1	36	21.69	21.64	21.70		0
	1	74	21.52	21.59	21.54		0
	36	0	21.01	20.94	21.20	0-3	0
	36	18	21.16	21.18	21.03		0
	36	37	21.10	21.00	21.02		0
	75	0	21.09	21.13	21.01		0
256QAM	1	0	18.95	18.86	18.91	0-5	2
	1	36	19.14	19.20	19.12		2
	1	74	19.08	18.98	19.09		2
	36	0	18.92	18.98	18.98		2
	36	18	19.17	19.14	19.07		2
	36	37	19.06	18.99	19.02		2
	75	0	19.08	19.09	19.00		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 24 of 218

Table H-37
LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.47	21.35	21.54	0	0
	1	25	21.70	21.64	21.52		0
	1	49	21.48	21.41	21.66		0
	25	0	21.66	21.59	21.67	0-1	0
	25	12	21.70	21.65	21.50		0
	25	25	21.61	21.69	21.51		0
	50	0	21.63	21.69	21.66		0
16QAM	1	0	21.57	21.65	21.33	0-1	0
	1	25	21.52	21.63	21.68		0
	1	49	21.66	21.60	21.54		0
	25	0	21.68	21.64	21.36	0-2	0
	25	12	21.67	21.68	21.45		0
	25	25	21.62	21.69	21.50		0
	50	0	21.64	21.64	21.37		0
64QAM	1	0	21.62	21.54	21.67	0-2	0
	1	25	21.33	21.42	21.64		0
	1	49	21.70	21.70	21.65		0
	25	0	21.13	21.10	21.28	0-3	0
	25	12	21.25	21.28	21.34		0
	25	25	21.12	21.17	21.37		0
	50	0	21.15	21.20	21.27		0
256QAM	1	0	19.03	18.96	19.17	0-5	2
	1	25	19.34	19.38	19.60		2
	1	49	19.25	19.10	19.32		2
	25	0	19.18	19.16	19.31		2
	25	12	19.26	19.32	19.37		2
	25	25	19.18	19.18	19.35		2
	50	0	19.17	19.22	19.28		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 25 of 218

Table H-38
LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.68	21.64	21.68	0	0
	1	12	21.67	21.39	21.57		0
	1	24	21.62	21.69	21.64		0
	12	0	21.69	21.65	21.47	0-1	0
	12	6	21.64	21.64	21.56		0
	12	13	21.63	21.64	21.52		0
	25	0	21.68	21.69	21.57		0
16QAM	1	0	21.42	21.58	21.57	0-1	0
	1	12	21.59	21.56	21.68		0
	1	24	21.39	21.45	21.63		0
	12	0	21.65	21.67	21.55	0-2	0
	12	6	21.67	21.34	21.58		0
	12	13	21.68	21.68	21.56		0
	25	0	21.66	21.67	21.52		0
64QAM	1	0	21.67	21.68	21.56	0-2	0
	1	12	21.27	21.35	21.68		0
	1	24	21.68	21.35	21.70		0
	12	0	21.22	21.26	21.35	0-3	0
	12	6	21.28	21.26	21.44		0
	12	13	21.19	21.23	21.36		0
	25	0	21.18	21.23	21.41		0
256QAM	1	0	19.30	19.22	19.44	0-5	2
	1	12	19.44	19.49	19.63		2
	1	24	19.38	19.30	19.53		2
	12	0	19.23	19.23	19.43		2
	12	6	19.24	19.34	19.50		2
	12	13	19.12	19.20	19.41		2
	25	0	19.19	19.24	19.41		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 26 of 218

Table H-39
LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.61	21.59	21.49	0	0
	1	7	21.64	21.68	21.56		0
	1	14	21.51	21.50	21.43		0
	8	0	21.65	21.66	21.53	0-1	0
	8	4	21.62	21.66	21.50		0
	8	7	21.56	21.66	21.47		0
	15	0	21.62	21.70	21.48		0
16QAM	1	0	21.44	21.41	21.64	0-1	0
	1	7	21.41	21.57	21.63		0
	1	14	21.64	21.62	21.66		0
	8	0	21.67	21.60	21.56	0-2	0
	8	4	21.70	21.62	21.54		0
	8	7	21.65	21.69	21.60		0
	15	0	21.58	21.69	21.47		0
64QAM	1	0	21.70	21.38	21.65	0-2	0
	1	7	21.66	21.49	21.68		0
	1	14	21.59	21.29	21.61		0
	8	0	21.14	21.30	21.47	0-3	0
	8	4	21.17	21.27	21.43		0
	8	7	21.10	21.18	21.47		0
	15	0	21.08	21.18	21.36		0
256QAM	1	0	19.16	19.22	19.45	0-5	2
	1	7	19.18	19.32	19.69		2
	1	14	19.07	19.34	19.46		2
	8	0	19.19	19.29	19.41		2
	8	4	19.20	19.29	19.44		2
	8	7	19.11	19.24	19.47		2
	15	0	19.15	19.22	19.43		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 27 of 218

Table H-40
LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) – 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	21.63	21.65	21.47	0	0
	1	2	21.63	21.63	21.50		0
	1	5	21.55	21.63	21.51		0
	3	0	21.58	21.68	21.55		0
	3	2	21.58	21.70	21.48		0
	3	3	21.56	21.65	21.45		0
	6	0	21.57	21.64	21.51		0
16QAM	1	0	21.58	21.50	21.63	0-1	0
	1	2	21.50	21.65	21.63		0
	1	5	21.68	21.38	21.65		0
	3	0	21.67	21.41	21.70		0
	3	2	21.66	21.68	21.70		0
	3	3	21.70	21.66	21.66		0
	6	0	21.64	21.69	21.69		0
64QAM	1	0	21.60	21.62	21.63	0-2	0
	1	2	21.65	21.40	21.70		0
	1	5	21.68	21.24	21.70		0
	3	0	21.61	21.67	21.62		0
	3	2	21.61	21.70	21.62		0
	3	3	21.59	21.69	21.60		0
	6	0	21.11	21.26	21.42		0
256QAM	1	0	19.14	19.11	19.45	0-5	2
	1	2	19.27	19.33	19.68		2
	1	5	19.34	19.22	19.60		2
	3	0	19.12	19.28	19.47		2
	3	2	19.09	19.28	19.49		2
	3	3	19.08	19.28	19.42		2
	6	0	19.19	19.22	19.53		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 28 of 218

Table H-41

LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.75	19.67	19.69	0	0
	1	36	19.72	19.77	19.72		0
	1	74	19.56	19.60	19.58		0
	36	0	19.81	19.80	19.67	0-1	0
	36	18	19.82	19.73	19.67		0
	36	37	19.76	19.68	19.63		0
16QAM	75	0	19.80	19.67	19.64	0-1	0
	1	0	19.79	19.90	19.84		0
	1	36	20.09	20.13	20.05		0
	1	74	19.96	19.85	19.95	0-2	0
	36	0	19.87	19.80	19.68		0
	36	18	19.83	19.74	19.72		0
64QAM	36	37	19.82	19.69	19.65	0-2	0
	75	0	19.78	19.69	19.67		0
	1	0	19.79	19.82	19.65		0
	1	36	19.81	19.97	19.86	0-3	0
	1	74	19.80	19.75	19.77		0
	36	0	19.80	19.84	19.71		0
256QAM	36	18	19.86	19.74	19.76	0-3	0
	36	37	19.78	19.66	19.67		0
	75	0	19.81	19.69	19.71		0
	1	0	19.27	19.30	19.21	0-5	0.5
	1	36	19.46	19.45	19.39		0.5
	1	74	19.23	19.15	19.06		0.5
36	0	19.34	19.37	19.19	0.5		
36	18	19.37	19.25	19.22	0.5		
36	37	19.29	19.20	19.15	0.5		
75	0	19.33	19.20	19.16	0.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 29 of 218

Table H-42

LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	19.68	19.61	19.68	0	0
	1	25	19.93	19.82	19.74		0
	1	49	19.67	19.53	19.46		0
	25	0	19.84	19.84	19.70	0-1	0
	25	12	19.99	19.86	19.81		0
	25	25	19.85	19.75	19.71		0
16QAM	50	0	19.84	19.76	19.70	0-1	0
	1	0	19.93	19.84	19.69		0
	1	25	20.24	20.10	20.05		0
	1	49	19.93	19.78	19.75	0-2	0
	25	0	19.89	19.88	19.75		0
	25	12	19.97	19.88	19.85		0
64QAM	25	25	19.87	19.77	19.72	0-2	0
	50	0	19.86	19.79	19.75		0
	1	0	19.73	19.78	19.64		0-3
	1	25	20.10	20.25	20.01	0	
	1	49	19.95	19.85	19.68	0	
	256QAM	25	0	19.89	19.88	19.75	0-5
25		12	19.98	19.91	19.85	0	
25		25	19.86	19.77	19.72	0	
50		0	19.88	19.80	19.72	0-5	0
1		0	19.36	19.25	19.22		0.5
1		25	19.59	19.59	19.34		0.5
256QAM	1	49	19.40	19.14	19.08	0-5	0.5
	25	0	19.40	19.38	19.23		0.5
	25	12	19.48	19.36	19.33		0.5
	25	25	19.36	19.25	19.17	0-5	0.5
	50	0	19.35	19.26	19.22		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 30 of 218

Table H-43

LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.91	19.96	19.72	0	0
	1	12	20.00	20.03	19.78		0
	1	24	19.84	19.81	19.64		0
	12	0	19.94	19.94	19.77	0-1	0
	12	6	19.96	19.94	19.87		0
	12	13	19.86	19.79	19.66		0
16QAM	25	0	19.92	19.82	19.77	0-1	0
	1	0	20.26	20.17	19.91		0
	1	12	20.26	20.25	20.22		0
	1	24	20.13	20.11	19.94	0-2	0
	12	0	19.98	19.99	19.84		0
	12	6	20.01	20.00	19.87		0
64QAM	12	13	19.94	19.84	19.69	0-2	0
	25	0	19.91	19.85	19.82		0
	1	0	20.10	20.04	19.92		0
	1	12	20.10	20.19	19.96	0-3	0
	1	24	20.02	19.90	19.92		0
	12	0	19.97	20.02	19.84		0
256QAM	12	6	20.00	20.00	19.87	0-5	0
	12	13	19.89	19.84	19.67		0
	25	0	19.94	19.87	19.78		0
	1	0	19.54	19.50	19.38	0-5	0.5
	1	12	19.58	19.68	19.37		0.5
	1	24	19.43	19.43	19.20		0.5
12	0	19.48	19.45	19.36	0.5		
12	6	19.53	19.45	19.30	0.5		
12	13	19.42	19.32	19.13	0.5		
25	0	19.40	19.34	19.27	0.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 31 of 218

Table H-44

LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.87	19.85	19.68	0	0
	1	7	19.95	19.82	19.74		0
	1	14	19.78	19.72	19.57		0
	8	0	19.96	19.93	19.77	0-1	0
	8	4	19.95	19.91	19.74		0
	8	7	19.86	19.86	19.70		0
	15	0	19.95	19.91	19.73	0	
16QAM	1	0	20.27	20.13	20.03	0-1	0
	1	7	20.27	20.05	20.03		0
	1	14	19.99	19.92	19.88		0
	8	0	20.06	19.95	19.86	0-2	0
	8	4	20.02	19.94	19.85		0
	8	7	19.99	19.87	19.83		0
	15	0	19.91	19.92	19.78	0	
64QAM	1	0	20.15	20.14	19.91	0-2	0
	1	7	20.17	20.21	19.91		0
	1	14	20.10	20.07	19.92		0
	8	0	20.00	19.96	19.81	0-3	0
	8	4	19.99	19.99	19.83		0
	8	7	19.94	19.92	19.78		0
	15	0	19.94	19.88	19.81	0	
256QAM	1	0	19.67	19.48	19.42	0-5	0.5
	1	7	19.75	19.54	19.42		0.5
	1	14	19.53	19.45	19.17		0.5
	8	0	19.46	19.47	19.35		0.5
	8	4	19.46	19.46	19.37		0.5
	8	7	19.47	19.41	19.31		0.5
	15	0	19.42	19.40	19.27	0.5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 32 of 218

Table H-45

LTE Band 66 (AWS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.95	19.91	19.88	0	0
	1	2	19.98	19.90	19.88		0
	1	5	19.89	19.78	19.83		0
	3	0	19.93	19.93	19.80		0
	3	2	19.91	19.90	19.77		0
	3	3	19.90	19.91	19.77		0
	6	0	19.90	19.87	19.74	0-1	0
16QAM	1	0	20.21	20.00	20.16	0-1	0
	1	2	20.19	20.10	20.10		0
	1	5	20.04	20.15	20.00		0
	3	0	20.10	19.98	19.99		0
	3	2	20.06	20.07	19.92		0
	3	3	20.09	20.05	19.84		0
	6	0	19.99	19.96	19.88	0-2	0
64QAM	1	0	20.10	20.09	19.99	0-2	0
	1	2	20.10	20.05	19.93		0
	1	5	20.03	20.07	19.75		0
	3	0	19.94	19.95	19.87		0
	3	2	19.92	20.01	19.87		0
	3	3	19.91	19.88	19.85		0
	6	0	19.96	19.84	19.85	0-3	0
256QAM	1	0	19.47	19.54	19.37	0-5	0.5
	1	2	19.62	19.61	19.48		0.5
	1	5	19.45	19.51	19.42		0.5
	3	0	19.41	19.67	19.27		0.5
	3	2	19.45	19.50	19.29		0.5
	3	3	19.41	19.47	19.21		0.5
	6	0	19.49	19.38	19.22	0.5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 33 of 218

H.1.1 LTE Band 25

Table H-46

LTE Band 25 (PCS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.48	23.96	23.98	0	0	
	1	36	23.82	23.96	24.02		0	
	1	74	23.80	23.90	23.94		0	
	QPSK	36	0	22.72	22.84	22.77	0-1	1
		36	18	22.91	22.95	22.95		1
		36	37	22.80	23.00	22.93		1
		75	0	22.83	22.88	22.89		1
16QAM	1	0	22.98	23.39	23.20	0-1	1	
	1	36	23.17	23.42	23.24		1	
	1	74	23.05	23.37	23.19		1	
	16QAM	36	0	21.74	21.86	21.79	0-2	2
		36	18	21.93	21.98	21.98		2
		36	37	21.91	22.02	21.97		2
		75	0	21.83	21.90	21.91		2
64QAM	1	0	21.75	22.15	22.05	0-2	2	
	1	36	22.08	22.19	22.09		2	
	1	74	21.96	22.13	22.04		2	
	64QAM	36	0	20.75	20.86	20.80	0-3	3
		36	18	20.96	20.98	20.98		3
		36	37	20.93	21.03	20.95		3
		75	0	20.88	20.89	20.91		3
256QAM	1	0	18.67	18.73	18.61	0-5	5	
	1	36	19.06	19.12	18.99		5	
	1	74	18.92	18.95	18.83		5	
	36	0	18.73	18.82	18.78		5	
	36	18	18.92	18.94	18.99		5	
	36	37	18.88	19.01	18.96		5	
	75	0	18.85	18.88	18.92		5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 34 of 218

Table H-47

LTE Band 25 (PCS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.75	23.74	23.98	0	0
	1	25	23.98	24.05	24.03		0
	1	49	23.78	23.84	24.00		0
	25	0	22.81	22.92	22.91	0-1	1
	25	12	23.01	23.02	23.04		1
	25	25	22.93	23.06	22.99		1
	50	0	22.91	22.95	22.95		1
16QAM	1	0	23.06	23.00	23.31	0-1	1
	1	25	23.18	23.40	23.27		1
	1	49	22.94	23.02	23.34		1
	25	0	21.84	21.95	21.96	0-2	2
	25	12	22.01	22.07	22.07		2
	25	25	21.96	22.08	22.01		2
	50	0	21.93	21.96	21.97		2
64QAM	1	0	21.92	22.01	22.16	0-2	2
	1	25	22.22	22.27	22.17		2
	1	49	21.96	21.97	22.21		2
	25	0	20.83	20.96	20.96	0-3	3
	25	12	21.02	21.04	21.07		3
	25	25	20.94	21.05	21.00		3
	50	0	20.96	21.00	20.98		3
256QAM	1	0	18.72	18.87	18.81	0-5	5
	1	25	19.15	19.27	19.20		5
	1	49	18.87	18.91	18.82		5
	25	0	18.84	18.95	18.96		5
	25	12	19.02	19.05	19.07		5
	25	25	18.96	19.09	19.01		5
	50	0	18.96	18.96	18.97		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 35 of 218

Table H-48
LTE Band 25 (PCS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.84	24.08	24.06	0	0
	1	12	24.06	24.24	24.16		0
	1	24	24.01	24.17	24.06		0
	12	0	22.94	22.99	22.98	0-1	1
	12	6	23.00	23.05	23.03		1
	12	13	23.01	23.13	23.03		1
	25	0	22.96	23.00	23.02		1
16QAM	1	0	23.19	23.44	23.30	0-1	1
	1	12	23.30	23.56	23.34		1
	1	24	23.28	23.51	23.29		1
	12	0	21.99	22.01	22.00	0-2	2
	12	6	22.04	22.08	22.06		2
	12	13	22.05	22.15	22.05		2
	25	0	21.96	22.03	22.05		2
64QAM	1	0	22.05	22.13	22.06	0-2	2
	1	12	22.04	22.23	22.11		2
	1	24	22.09	22.19	22.05		2
	12	0	20.97	21.02	21.02	0-3	3
	12	6	21.02	21.08	21.06		3
	12	13	21.03	21.17	21.08		3
	25	0	20.97	21.03	21.04		3
256QAM	1	0	18.94	19.09	19.06	0-5	5
	1	12	19.12	19.31	19.19		5
	1	24	19.10	19.26	19.11		5
	12	0	18.93	18.99	18.99		5
	12	6	18.99	19.05	19.05		5
	12	13	19.01	19.13	19.04		5
	25	0	18.99	19.02	19.02		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 36 of 218

Table H-49
LTE Band 25 (PCS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.88	23.96	23.93	0	0
	1	7	24.02	24.13	24.05		0
	1	14	23.95	24.05	23.97		0
	8	0	22.97	23.00	22.99	0-1	1
	8	4	23.02	23.13	23.04		1
	8	7	23.01	23.10	23.03		1
	15	0	22.99	22.99	23.01		1
16QAM	1	0	23.20	23.37	23.27	0-1	1
	1	7	23.30	23.52	23.39		1
	1	14	23.28	23.50	23.30		1
	8	0	22.03	22.03	22.04	0-2	2
	8	4	22.10	22.16	22.11		2
	8	7	22.08	22.15	22.09		2
	15	0	22.02	22.07	21.99		2
64QAM	1	0	22.04	22.12	21.99	0-2	2
	1	7	22.14	22.25	22.09		2
	1	14	22.11	22.18	22.20		2
	8	0	21.01	21.01	21.04	0-3	3
	8	4	21.08	21.14	21.09		3
	8	7	21.07	21.11	21.09		3
	15	0	20.99	21.04	21.05		3
256QAM	1	0	19.04	19.02	19.04	0-5	5
	1	7	19.17	19.16	19.16		5
	1	14	19.13	19.18	19.09		5
	8	0	19.02	19.03	19.04		5
	8	4	19.05	19.15	19.08		5
	8	7	19.03	19.13	19.05		5
	15	0	19.00	19.02	19.03		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 37 of 218

Table H-50
LTE Band 25 (PCS) Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	24.02	24.15	24.01	0	0
	1	2	24.05	24.18	24.07		0
	1	5	24.03	24.17	24.08		0
	3	0	23.94	24.10	24.05		0
	3	2	23.97	24.13	24.07		0
	3	3	23.97	24.12	24.07		0
	6	0	22.91	23.06	23.01	0-1	1
16QAM	1	0	23.16	23.30	23.25	0-1	1
	1	2	23.25	23.35	23.30		1
	1	5	23.16	23.33	23.29		1
	3	0	23.08	23.23	23.16		1
	3	2	23.12	23.26	23.20		1
	3	3	23.08	23.25	23.16		1
	6	0	22.04	22.16	22.10	0-2	2
64QAM	1	0	21.97	22.20	22.06	0-2	2
	1	2	22.06	22.26	22.16		2
	1	5	21.99	22.20	22.10		2
	3	0	21.95	22.17	22.02		2
	3	2	21.97	22.19	22.04		2
	3	3	21.97	22.19	22.02		2
	6	0	21.07	20.98	21.03	0-3	3
256QAM	1	0	19.01	18.56	19.20	0-5	5
	1	2	19.07	19.27	19.30		5
	1	5	19.08	19.26	19.19		5
	3	0	19.05	19.06	18.98		5
	3	2	19.03	19.09	18.97		5
	3	3	19.01	19.09	18.98		5
	6	0	18.97	19.06	19.07	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 38 of 218

Table H-51

LTE Band 25 (PCS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.68	18.19	18.02	0	0
	1	36	18.02	18.26	18.05		0
	1	74	17.87	18.18	18.01		0
	36	0	17.90	17.99	17.94	0-1	0
	36	18	18.09	17.99	18.13		0
	36	37	18.08	18.15	18.10		0
	75	0	17.99	18.02	18.06		0
16QAM	1	0	18.03	18.45	18.35	0-1	0
	1	36	18.40	18.46	18.44		0
	1	74	18.24	18.42	18.33		0
	36	0	17.92	18.00	17.95	0-2	0
	36	18	18.11	18.12	18.13		0
	36	37	18.09	18.15	18.12		0
	75	0	18.04	18.04	18.07		0
64QAM	1	0	17.94	18.28	18.24	0-2	0
	1	36	18.21	18.36	18.31		0
	1	74	18.13	18.30	18.26		0
	36	0	17.92	18.01	17.96	0-3	0
	36	18	18.11	18.12	18.15		0
	36	37	18.09	18.17	18.11		0
	75	0	18.03	18.04	18.08		0
256QAM	1	0	17.81	17.88	17.90	0-5	0
	1	36	18.19	18.23	18.22		0
	1	74	18.07	18.08	18.08		0
	36	0	17.91	18.01	17.96		0
	36	18	18.10	18.13	18.13		0
	36	37	18.09	18.19	18.10		0
	75	0	18.02	18.05	18.07		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 39 of 218

Table H-52

LTE Band 25 (PCS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.77	17.89	18.08	0	0
	1	25	18.09	18.11	18.09		0
	1	49	17.85	17.83	18.01		0
	25	0	17.91	18.01	18.02	0-1	0
	25	12	18.12	18.11	18.13		0
	25	25	18.05	18.12	18.06		0
	50	0	18.02	18.01	18.03		0
16QAM	1	0	17.96	18.08	18.31	0-1	0
	1	25	18.26	18.35	18.32		0
	1	49	17.99	18.10	18.27		0
	25	0	17.95	18.05	18.04	0-2	0
	25	12	18.13	18.15	18.14		0
	25	25	18.08	18.17	18.08		0
	50	0	18.04	18.04	18.06		0
64QAM	1	0	18.05	18.02	18.33	0-2	0
	1	25	18.35	18.34	18.36		0
	1	49	18.09	18.12	18.22		0
	25	0	17.94	18.02	18.05	0-3	0
	25	12	18.13	18.15	18.15		0
	25	25	18.06	18.13	18.10		0
	50	0	18.04	18.04	18.07		0
256QAM	1	0	17.86	18.00	17.99	0-5	0
	1	25	18.24	18.36	18.28		0
	1	49	18.02	18.09	18.00		0
	25	0	17.95	18.05	18.04		0
	25	12	18.14	18.13	18.17		0
	25	25	18.07	18.14	18.10		0
	50	0	18.06	18.04	18.06		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 40 of 218

Table H-53

LTE Band 25 (PCS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.04	18.26	18.24	0	0
	1	12	18.18	18.44	18.24		0
	1	24	18.13	18.23	18.15		0
	12	0	18.06	18.07	18.09	0-1	0
	12	6	18.13	18.13	18.14		0
	12	13	18.12	18.19	18.13		0
	25	0	18.07	18.10	18.09	0	
16QAM	1	0	18.34	18.42	18.41	0-1	0
	1	12	18.46	18.54	18.47		0
	1	24	18.42	18.50	18.41		0
	12	0	18.15	18.12	18.12	0-2	0
	12	6	18.20	18.19	18.18		0
	12	13	18.19	18.25	18.18		0
	25	0	18.09	18.15	18.15	0	
64QAM	1	0	18.20	18.22	18.17	0-2	0
	1	12	18.27	18.35	18.38		0
	1	24	18.25	18.29	18.32		0
	12	0	18.08	18.12	18.08	0-3	0
	12	6	18.15	18.15	18.16		0
	12	13	18.14	18.23	18.14		0
	25	0	18.12	18.13	18.14	0	
256QAM	1	0	17.98	18.16	18.15	0-5	0
	1	12	18.23	18.46	18.30		0
	1	24	18.18	18.30	18.22		0
	12	0	18.08	18.08	18.08		0
	12	6	18.14	18.21	18.13		0
	12	13	18.14	18.23	18.15		0
	25	0	18.12	18.15	18.09	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 41 of 218

Table H-54

LTE Band 25 (PCS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.04	18.05	17.97	0	0
	1	7	18.15	18.18	18.04		0
	1	14	18.10	18.11	18.01		0
	8	0	18.05	18.09	18.09	0-1	0
	8	4	18.12	18.22	18.13		0
	8	7	18.08	18.17	18.09		0
	15	0	18.09	18.09	18.11		0
16QAM	1	0	18.26	18.38	18.23	0-1	0
	1	7	18.37	18.51	18.38		0
	1	14	18.35	18.47	18.30		0
	8	0	18.12	18.13	18.15	0-2	0
	8	4	18.16	18.25	18.18		0
	8	7	18.19	18.25	18.18		0
	15	0	18.09	18.14	18.19		0
64QAM	1	0	18.18	18.26	18.28	0-2	0
	1	7	18.31	18.35	18.41		0
	1	14	18.24	18.34	18.37		0
	8	0	18.12	18.12	18.17	0-3	0
	8	4	18.12	18.25	18.22		0
	8	7	18.08	18.24	18.18		0
	15	0	18.12	18.13	18.14		0
256QAM	1	0	18.06	18.11	17.95	0-5	0
	1	7	18.16	18.31	18.06		0
	1	14	18.14	18.26	18.01		0
	8	0	18.11	18.10	18.11		0
	8	4	18.15	18.23	18.16		0
	8	7	18.13	18.23	18.16		0
	15	0	18.12	18.11	18.09		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 42 of 218

Table H-55

LTE Band 25 (PCS) Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.12	18.25	18.17	0	0
	1	2	18.16	18.27	18.22		0
	1	5	18.14	18.29	18.21		0
	3	0	18.02	18.21	18.12		0
	3	2	18.07	18.20	18.14		0
	3	3	18.07	18.21	18.13		0
	6	0	18.04	18.16	18.08	0-1	0
16QAM	1	0	18.25	18.44	18.35	0-1	0
	1	2	18.34	18.47	18.40		0
	1	5	18.35	18.46	18.36		0
	3	0	18.21	18.35	18.25		0
	3	2	18.25	18.37	18.23		0
	3	3	18.21	18.36	18.24		0
	6	0	18.17	18.25	18.17	0-2	0
64QAM	1	0	18.22	18.37	18.19	0-2	0
	1	2	18.34	18.34	18.24		0
	1	5	18.23	18.39	18.19		0
	3	0	18.14	18.23	18.16		0
	3	2	18.16	18.25	18.17		0
	3	3	18.16	18.27	18.20		0
	6	0	18.09	18.20	18.03	0-3	0
256QAM	1	0	18.16	18.33	18.21	0-5	0
	1	2	18.17	18.40	18.26		0
	1	5	18.17	18.40	18.22		0
	3	0	18.11	18.25	18.14		0
	3	2	18.14	18.24	18.17		0
	3	3	18.12	18.25	18.11		0
	6	0	18.13	18.21	18.14		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 43 of 218

Table H-56
LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.28	22.39	22.32	0	0
	1	36	22.39	22.32	22.33		0
	1	74	22.33	22.29	22.33		0
	36	0	22.35	22.29	22.17	0-1	0
	36	18	22.37	22.40	22.27		0
	36	37	22.35	22.38	22.34		0
	75	0	22.39	22.33	22.20		0
16QAM	1	0	22.36	22.15	22.09	0-1	0
	1	36	22.21	22.26	22.06		0
	1	74	22.12	21.97	22.05		0
	36	0	22.37	22.27	22.12	0-2	0
	36	18	22.39	22.38	22.23		0
	36	37	22.33	22.35	22.30		0
	75	0	22.36	22.32	22.19		0
64QAM	1	0	22.32	22.09	21.90	0-2	0
	1	36	22.03	22.22	22.04		0
	1	74	22.37	22.07	22.37		0
	36	0	21.34	21.28	21.13	0-3	0.5
	36	18	21.41	21.35	21.25		0.5
	36	37	21.44	21.36	21.32		0.5
	75	0	21.37	21.31	21.17		0.5
256QAM	1	0	19.31	19.27	19.10	0-5	2.5
	1	36	19.63	19.54	19.53		2.5
	1	74	19.49	19.45	19.36		2.5
	36	0	19.36	19.31	19.15		2.5
	36	18	19.47	19.40	19.24		2.5
	36	37	19.46	19.37	19.31		2.5
	75	0	19.42	19.34	19.21		2.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 44 of 218

Table H-57
LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.24	22.15	22.35	0	0
	1	25	21.96	22.36	22.30		0
	1	49	22.28	22.07	22.31		0
	25	0	22.37	22.37	22.21	0-1	0
	25	12	22.08	22.34	22.38		0
	25	25	22.35	22.36	22.34		0
16QAM	50	0	22.35	22.38	22.28	0-1	0
	1	0	22.38	22.32	22.25		0
	1	25	22.24	22.39	22.16		0
	1	49	22.00	22.30	22.34	0-2	0
	25	0	22.33	22.38	22.22		0
	25	12	22.08	22.37	22.38		0
64QAM	25	25	21.98	22.32	22.32	0-2	0
	50	0	22.34	22.37	22.27		0
	1	0	22.40	22.28	22.39		0
	1	25	22.16	22.15	22.14	0-3	0
	1	49	22.37	22.31	22.37		0
	25	0	21.44	21.37	21.22		0.5
256QAM	25	12	21.56	21.46	21.39	0-3	0.5
	25	25	21.49	21.40	21.34		0.5
	50	0	21.47	21.37	21.24		0.5
	1	0	19.31	19.21	19.18	0-5	2.5
	1	25	19.70	19.61	19.42		2.5
	1	49	19.42	19.38	19.15		2.5
25	0	19.45	19.40	19.23	2.5		
25	12	19.57	19.48	19.41	2.5		
25	25	19.51	19.40	19.34	2.5		
50	0	19.49	19.39	19.21	2.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 45 of 218

Table H-58
LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.38	22.37	22.38	0	0
	1	12	22.06	22.39	22.00		0
	1	24	22.37	22.38	22.39		0
	12	0	22.36	22.39	22.36	0-1	0
	12	6	22.08	22.38	22.37		0
	12	13	22.06	22.37	22.40		0
	25	0	21.98	22.37	22.36		0
16QAM	1	0	22.22	22.17	22.20	0-1	0
	1	12	22.37	22.37	22.18		0
	1	24	22.19	22.30	22.32		0
	12	0	22.00	22.40	22.38	0-2	0
	12	6	22.04	22.37	22.34		0
	12	13	22.10	22.36	22.37		0
	25	0	22.00	22.39	22.38		0
64QAM	1	0	22.15	22.00	22.31	0-2	0
	1	12	22.24	22.30	22.37		0
	1	24	22.24	22.09	22.36		0
	12	0	21.54	21.42	21.35	0-3	0.5
	12	6	21.57	21.47	21.40		0.5
	12	13	21.58	21.49	21.41		0.5
	25	0	21.48	21.43	21.39		0.5
256QAM	1	0	19.49	19.41	19.47	0-5	2.5
	1	12	19.69	19.56	19.56		2.5
	1	24	19.60	19.59	19.49		2.5
	12	0	19.48	19.39	19.33		2.5
	12	6	19.53	19.44	19.39		2.5
	12	13	19.53	19.44	19.41		2.5
	25	0	19.50	19.43	19.41		2.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 46 of 218

Table H-59
LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.36	22.29	22.14	0	0
	1	7	22.34	22.38	22.25		0
	1	14	22.39	22.36	22.22		0
	8	0	22.38	22.36	22.28	0-1	0
	8	4	22.04	22.35	22.34		0
	8	7	22.09	22.35	22.34		0
	15	0	22.03	22.38	22.33		0
16QAM	1	0	22.00	22.20	22.39	0-1	0
	1	7	22.30	22.36	22.20		0
	1	14	22.26	22.25	22.34		0
	8	0	21.95	22.37	22.32	0-2	0
	8	4	22.05	22.06	22.38		0
	8	7	22.10	22.38	22.38		0
	15	0	22.00	22.39	22.30		0
64QAM	1	0	22.05	22.01	22.00	0-2	0
	1	7	22.20	22.25	22.10		0
	1	14	22.13	22.10	22.07		0
	8	0	21.53	21.41	21.29	0-3	0.5
	8	4	21.57	21.43	21.37		0.5
	8	7	21.56	21.41	21.32		0.5
	15	0	21.44	21.40	21.29		0.5
256QAM	1	0	19.60	19.42	19.38	0-5	2.5
	1	7	19.70	19.60	19.43		2.5
	1	14	19.69	19.44	19.46		2.5
	8	0	19.55	19.42	19.32		2.5
	8	4	19.61	19.44	19.38		2.5
	8	7	19.54	19.40	19.33		2.5
	15	0	19.53	19.42	19.32		2.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 47 of 218

Table H-60
LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 4/5 (Head) – 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	22.00	22.39	22.32	0	0
	1	2	22.05	22.37	22.39		0
	1	5	21.96	22.35	22.32		0
	3	0	22.01	22.39	22.26		0
	3	2	22.02	22.40	22.31		0
	3	3	21.95	22.38	22.32		0
	6	0	22.38	22.36	22.27		0
16QAM	1	0	22.20	22.30	22.39	0-1	0
	1	2	22.30	22.20	22.28		0
	1	5	22.20	22.30	22.22		0
	3	0	22.10	22.39	22.33		0
	3	2	21.96	22.33	22.34		0
	3	3	22.10	22.34	22.37		0
	6	0	22.05	22.37	22.33		0
64QAM	1	0	22.15	22.05	22.39	0-2	0
	1	2	22.20	22.04	22.35		0
	1	5	22.20	22.07	22.00		0
	3	0	22.07	22.39	22.37		0
	3	2	22.00	22.31	22.38		0
	3	3	22.05	22.35	22.38		0
	6	0	21.48	21.34	21.29		0.5
256QAM	1	0	19.58	19.51	19.47	0-5	2.5
	1	2	19.70	19.53	19.42		2.5
	1	5	19.62	19.60	19.45		2.5
	3	0	19.45	19.41	19.27		2.5
	3	2	19.44	19.38	19.33		2.5
	3	3	19.48	19.38	19.33		2.5
	6	0	19.48	19.36	19.32		2.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 48 of 218

Table H-61

LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.76	19.77	19.53	0	0
	1	36	19.91	19.61	19.52		0
	1	74	19.76	19.67	19.48		0
	36	0	19.99	19.61	19.30	0-1	0
	36	18	20.07	19.72	19.54		0
	36	37	19.93	19.66	19.53		0
	75	0	20.00	19.61	19.49		0
16QAM	1	0	20.05	20.05	19.40	0-1	0
	1	36	20.35	20.04	19.80		0
	1	74	20.10	19.81	19.77		0
	36	0	20.01	19.61	19.44	0-2	0
	36	18	20.09	19.69	19.55		0
	36	37	19.97	19.62	19.52		0
	75	0	19.95	19.61	19.52		0
64QAM	1	0	19.97	19.80	19.81	0-2	0
	1	36	20.23	19.75	19.73		0
	1	74	19.97	19.68	19.68		0
	36	0	19.98	19.58	19.45	0-3	0
	36	18	20.07	19.67	19.53		0
	36	37	19.94	19.63	19.53		0
	75	0	20.01	19.62	19.49		0
256QAM	1	0	19.43	19.03	18.90	0-5	0.5
	1	36	19.68	19.20	19.09		0.5
	1	74	19.38	19.08	19.00		0.5
	36	0	19.43	19.08	18.95		0.5
	36	18	19.57	19.17	19.04		0.5
	36	37	19.38	19.12	19.02		0.5
	75	0	19.41	19.10	19.02		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 49 of 218

Table H-62

LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.76	19.42	19.58	0	0
	1	25	20.02	19.67	19.60		0
	1	49	19.72	19.39	19.61		0
	25	0	20.04	19.70	19.60	0-1	0
	25	12	20.11	19.77	19.73		0
	25	25	19.97	19.71	19.65		0
16QAM	50	0	19.97	19.70	19.62	0-1	0
	1	0	20.06	19.77	19.95		0
	1	25	20.28	19.98	19.87		0
	1	49	19.96	19.68	19.91	0-2	0
	25	0	20.08	19.76	19.64		0
	25	12	20.16	19.88	19.74		0
64QAM	25	25	20.01	19.78	19.68	0-2	0
	50	0	19.97	19.80	19.66		0
	1	0	19.99	19.70	19.75		0-2
	1	25	20.24	19.98	19.72	0	
	1	49	19.82	19.67	19.64	0-3	
	25	0	20.07	19.76	19.60		0
25	12	20.17	19.85	19.71	0		
256QAM	25	25	20.00	19.77	19.64	0-3	0
	50	0	19.96	19.79	19.62		0
	1	0	19.50	19.22	19.00		0-5
	1	25	19.74	19.47	19.26	0.5	
	1	49	19.31	19.16	18.96	0.5	
	25	0	19.61	19.24	19.10	0.5	
25	12	19.69	19.37	19.20	0.5		
25	25	19.53	19.25	19.13	0.5		
50	0	19.51	19.27	19.12	0.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 50 of 218

Table H-63

LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	20.22	19.84	19.69	0	0
	1	12	20.36	19.93	19.75		0
	1	24	20.12	19.85	19.71		0
	12	0	20.24	19.82	19.61	0-1	0
	12	6	20.20	19.90	19.73		0
	12	13	20.18	19.85	19.72		0
16QAM	25	0	20.18	19.83	19.66	0-1	0
	1	0	20.47	20.08	20.03		0
	1	12	20.50	20.16	20.10		0
	1	24	20.49	20.18	20.00	0-2	0
	12	0	20.26	19.86	19.72		0
	12	6	20.24	19.90	19.78		0
64QAM	12	13	20.21	19.87	19.77	0-2	0
	25	0	20.19	19.87	19.70		0
	1	0	20.30	19.86	19.73		0-3
	1	12	20.38	19.98	19.79	0	
	1	24	20.27	19.93	19.82	0	
	12	0	20.27	19.60	19.67	0-3	0
12	6	20.24	19.89	19.74	0		
12	13	20.20	19.99	19.70	0		
256QAM	25	0	20.21	19.86	19.69	0-5	0
	1	0	19.83	19.40	19.18		0.5
	1	12	19.97	19.50	19.29		0.5
	1	24	19.67	19.50	19.21	0.5	
	12	0	19.79	19.32	19.16	0.5	
	12	6	19.75	19.38	19.20	0.5	
12	13	19.74	19.34	19.20	0.5		
25	0	19.75	19.33	19.16	0.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 51 of 218

Table H-64

LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	20.13	19.64	19.52	0	0
	1	7	20.20	19.72	19.65		0
	1	14	20.08	19.70	19.60		0
	8	0	20.26	19.78	19.60	0-1	0
	8	4	20.21	19.84	19.66		0
	8	7	20.20	19.83	19.62		0
16QAM	15	0	20.20	19.82	19.62	0-1	0
	1	0	20.36	19.88	19.78		0
	1	7	20.48	20.00	19.88		0
	1	14	20.40	19.93	19.86	0-2	0
	8	0	20.31	19.81	19.66		0
	8	4	20.27	19.80	19.72		0
64QAM	8	7	20.26	19.86	19.71	0-2	0
	15	0	20.22	19.86	19.63		0
	1	0	20.30	19.88	19.67		0-2
	1	7	20.40	19.99	19.82	0	
	1	14	20.36	19.96	19.68	0-3	
	8	0	20.28	19.74	19.63		0
8	4	20.27	19.81	19.68	0		
256QAM	8	7	20.23	19.77	19.65	0-3	0
	15	0	20.21	19.74	19.61		0
	1	0	19.80	19.18	19.17		0-5
	1	7	19.92	19.30	19.30	0.5	
	1	14	19.66	19.23	19.20	0.5	
	8	0	19.83	19.25	19.08	0.5	
8	4	19.79	19.27	19.14	0.5		
8	7	19.77	19.25	19.12	0.5		
	15	0	19.72	19.22	19.12	0.5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 52 of 218

Table H-65

LTE Band 25 (PCS) Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	20.07	19.75	19.51	0	0
	1	2	20.17	19.77	19.60		0
	1	5	20.09	19.76	19.53		0
	3	0	20.16	19.74	19.60		0
	3	2	20.18	19.75	19.62		0
	3	3	20.17	19.74	19.60		0
	6	0	20.15	19.93	19.51	0-1	0
16QAM	1	0	20.32	19.89	19.78	0-1	0
	1	2	20.39	20.03	19.79		0
	1	5	20.33	19.96	19.81		0
	3	0	20.30	19.91	19.70		0
	3	2	20.30	19.92	19.71		0
	3	3	20.32	19.94	19.72		0
	6	0	20.19	19.80	19.63	0-2	0
64QAM	1	0	20.38	19.91	19.74	0-2	0
	1	2	20.40	19.98	19.76		0
	1	5	20.42	19.95	19.79		0
	3	0	20.17	19.84	19.69		0
	3	2	20.19	19.87	19.67		0
	3	3	20.19	19.87	19.70		0
	6	0	20.22	19.82	19.54	0-3	0
256QAM	1	0	19.85	19.29	19.16	0-5	0.5
	1	2	19.84	19.32	19.10		0.5
	1	5	19.67	19.29	19.02		0.5
	3	0	19.76	19.26	19.13		0.5
	3	2	19.79	19.29	19.11		0.5
	3	3	19.78	19.30	19.13		0.5
	6	0	19.74	19.24	18.99		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 53 of 218

H.1.1 LTE Band 30

Table H-66
LTE Band 30 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	21.74	0	0
	1	12	21.77		0
	1	24	21.64		0
	12	0	21.75	0-1	0
	12	6	21.81		0
	12	13	21.66		0
	25	0	21.74		0
16QAM	1	0	22.21	0-1	0
	1	12	22.18		0
	1	24	22.09		0
	12	0	21.13	0-2	0.5
	12	6	21.18		0.5
	12	13	21.02		0.5
	25	0	21.10		0.5
64QAM	1	0	21.30	0-2	0.5
	1	12	21.29		0.5
	1	24	21.18		0.5
	12	0	20.12	0-3	1.5
	12	6	20.18		1.5
	12	13	20.03		1.5
	25	0	20.13		1.5
256QAM	1	0	18.14	0-5	3.5
	1	12	18.24		3.5
	1	24	18.01		3.5
	12	0	18.09		3.5
	12	6	18.13		3.5
	12	13	18.00		3.5
	25	0	18.05		3.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 54 of 218

Table H-67

LTE Band 30 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 10 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	16.38	0	0
	1	12	16.35		0
	1	24	16.24		0
	12	0	16.32	0-1	0
	12	6	16.36		0
	12	13	16.23		0
	25	0	16.33		0
16QAM	1	0	16.64	0-1	0
	1	12	16.69		0
	1	24	16.58		0
	12	0	16.34	0-2	0
	12	6	16.37		0
	12	13	16.22		0
	25	0	16.27		0
64QAM	1	0	16.56	0-2	0
	1	12	16.53		0
	1	24	16.42		0
	12	0	16.34	0-3	0
	12	6	16.38		0
	12	13	16.23		0
	25	0	16.31		0
256QAM	1	0	16.27	0-5	0
	1	12	16.43		0
	1	24	16.16		0
	12	0	16.33		0
	12	6	16.36		0
	12	13	16.22		0
	25	0	16.31		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 55 of 218

Table H-68
LTE Band 30 Antenna F Measured P_{max} for DSI = 5 (Head) - 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	22.52	0	0
	1	12	22.61		0
	1	24	22.50		0
	12	0	21.40	0-1	1
	12	6	21.46		1
	12	13	21.38		1
	25	0	21.39		1
16QAM	1	0	21.80	0-1	1
	1	12	21.83		1
	1	24	21.72		1
	12	0	20.42	0-2	2
	12	6	20.45		2
	12	13	20.41		2
	25	0	20.41		2
64QAM	1	0	20.58	0-2	2
	1	12	20.66		2
	1	24	20.55		2
	12	0	19.44	0-3	3
	12	6	19.47		3
	12	13	19.39		3
	25	0	19.42		3
256QAM	1	0	17.47	0-5	5
	1	12	17.66		5
	1	24	17.45		5
	12	0	17.39		5
	12	6	17.45		5
	12	13	17.37		5
	25	0	17.37		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 56 of 218

Table H-69

LTE Band 30 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (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	19.82	0	0
	1	12	19.83		0
	1	24	19.75		0
	12	0	19.83	0-1	0
	12	6	19.89		0
	12	13	19.81		0
	25	0	19.79		0
16QAM	1	0	20.19	0-1	0
	1	12	20.27		0
	1	24	20.16		0
	12	0	19.96	0-2	0
	12	6	20.00		0
	12	13	19.87		0
	25	0	19.85		0
64QAM	1	0	20.15	0-2	0
	1	12	20.20		0
	1	24	20.07		0
	12	0	19.92	0-3	0
	12	6	20.00		0
	12	13	19.85		0
	25	0	19.85		0
256QAM	1	0	18.25	0-5	1.5
	1	12	18.34		1.5
	1	24	18.16		1.5
	12	0	18.21		1.5
	12	6	18.28		1.5
	12	13	18.15		1.5
	25	0	18.14		1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 57 of 218

H.1.1 LTE Band 7

Table H-70
LTE Band 7 Antenna B Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	21.16	21.54	21.65	0	0	
	1	36	21.30	21.63	21.65		0	
	1	74	21.37	21.53	21.67		0	
	QPSK	36	0	21.14	21.42	21.71	0-1	0
		36	18	21.24	21.44	21.67		0
		36	37	21.22	21.43	21.70		0
		75	0	21.20	21.36	21.63		0
16QAM	1	0	21.41	21.65	21.95	0-1	0	
	1	36	21.53	21.83	22.10		0	
	1	74	21.47	21.76	21.93		0	
	16QAM	36	0	21.17	21.46	21.67	0-2	0
		36	18	21.22	21.47	21.70		0
		36	37	21.21	21.47	21.68		0
		75	0	21.18	21.39	21.61		0
64QAM	1	0	21.39	21.53	21.83	0-2	0	
	1	36	21.48	21.65	21.80		0	
	1	74	21.50	21.70	21.95		0	
	64QAM	36	0	20.72	20.95	21.20	0-3	0.5
		36	18	20.81	20.96	21.18		0.5
		36	37	20.75	20.96	21.22		0.5
		75	0	20.72	20.86	21.13		0.5
256QAM	1	0	18.63	18.80	19.20	0-5	2.5	
	1	36	18.75	19.13	19.30		2.5	
	1	74	18.77	19.05	19.24		2.5	
	36	0	18.59	18.88	19.13		2.5	
	36	18	18.74	18.97	19.17		2.5	
	36	37	18.76	18.97	19.17		2.5	
	75	0	18.71	18.89	19.11		2.5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 58 of 218

Table H-71
LTE Band 7 Antenna B Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	21.25	21.66	21.87	0	0
	1	25	21.27	21.65	21.86		0
	1	49	21.32	21.56	21.81		0
	25	0	21.18	21.54	21.79	0-1	0
	25	12	21.31	21.55	21.87		0
	25	25	21.30	21.59	21.83		0
16QAM	50	0	21.18	21.49	21.77	0-1	0
	1	0	21.39	21.71	22.14		0
	1	25	21.52	21.92	22.18		0
	1	49	21.58	21.85	22.20	0-2	0
	25	0	21.21	21.52	21.80		0
	25	12	21.34	21.57	21.90		0
64QAM	25	25	21.34	21.55	21.84	0-2	0
	50	0	21.28	21.47	21.77		0
	1	0	21.54	21.84	22.07		0-2
	1	25	21.59	21.85	22.33	0	
	1	49	21.51	21.74	22.12	0-3	
	25	0	20.71	21.05	21.29		0.5
25	12	20.81	21.07	21.37	0.5		
256QAM	25	25	20.82	21.09	21.30	0-3	0.5
	50	0	20.72	20.98	21.30		0.5
	1	0	18.57	18.83	19.12		0-5
	1	25	18.91	19.24	19.48	2.5	
	1	49	18.74	18.94	19.27	2.5	
	25	0	18.64	18.97	19.18	2.5	
25	12	18.77	19.07	19.36	2.5		
25	25	18.71	19.04	19.19	2.5		
50	0	18.75	18.96	19.29	2.5		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 59 of 218

Table H-72
LTE Band 7 Antenna B Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	21.25	21.66	21.77	0	0
	1	12	21.30	21.70	21.86		0
	1	24	21.26	21.64	21.76		0
	12	0	21.14	21.54	21.74	0-1	0
	12	6	21.29	21.60	21.79		0
	12	13	21.24	21.59	21.83		0
	25	0	21.20	21.53	21.87	0	
16QAM	1	0	21.55	21.89	22.21	0-1	0
	1	12	21.59	22.01	22.31		0
	1	24	21.62	22.01	22.27		0
	12	0	21.22	21.58	21.79	0-2	0
	12	6	21.36	21.64	21.85		0
	12	13	21.26	21.65	21.85		0
	25	0	21.23	21.52	21.88	0	
64QAM	1	0	21.48	21.90	22.23	0-2	0
	1	12	21.63	22.04	22.24		0
	1	24	21.50	22.01	22.34		0
	12	0	20.62	21.09	21.23	0-3	0.5
	12	6	20.73	21.10	21.31		0.5
	12	13	20.68	21.12	21.32		0.5
	25	0	20.73	20.99	21.37	0.5	
256QAM	1	0	18.74	19.17	19.35	0-5	2.5
	1	12	18.91	19.26	19.53		2.5
	1	24	18.74	19.08	19.46		2.5
	12	0	18.66	19.00	19.33		2.5
	12	6	18.84	19.09	19.37		2.5
	12	13	18.71	19.10	19.35		2.5
	25	0	18.74	19.04	19.36	2.5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 60 of 218

Table H-73

LTE Band 7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	16.55	16.85	17.16	0	0
	1	36	16.73	16.88	17.19		0
	1	74	16.74	16.84	17.12		0
	36	0	16.55	16.79	17.03	0-1	0
	36	18	16.67	16.85	17.05		0
	36	37	16.69	16.91	17.07		0
16QAM	75	0	16.64	16.71	16.97	0-1	0
	1	0	16.88	17.07	17.27		0
	1	36	16.87	17.08	17.32		0
	1	74	16.96	17.10	17.29	0-2	0
	36	0	16.56	16.75	17.06		0
	36	18	16.70	16.81	17.11		0
64QAM	36	37	16.68	16.82	17.13	0-2	0
	75	0	16.59	16.69	17.05		0
	1	0	16.94	16.93	17.39		0-2
	1	36	16.99	17.04	17.37	0	
	1	74	16.88	17.04	17.40	0-3	
	36	0	16.55	16.82	17.11		0
36	18	16.62	16.88	17.15	0		
256QAM	36	37	16.60	16.92	17.18	0-3	0
	75	0	16.50	16.76	17.04		0
	1	0	16.34	16.79	17.17		0-5
	1	36	16.73	17.08	17.24	0	
	1	74	16.51	16.82	17.16	0	
	36	0	16.42	16.81	17.01	0	
36	18	16.59	16.86	17.08	0		
36	37	16.67	16.84	17.12	0		
75	0	16.59	16.72	17.02	0		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 61 of 218

Table H-74

LTE Band 7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	16.67	17.01	17.42	0	0
	1	25	16.73	17.00	17.29		0
	1	49	16.76	16.88	17.21		0
	25	0	16.64	16.89	17.18	0-1	0
	25	12	16.71	16.90	17.20		0
	25	25	16.69	16.97	17.24		0
16QAM	50	0	16.66	16.81	17.19	0-1	0
	1	0	16.82	17.19	17.59		0
	1	25	16.92	17.18	17.63		0
	1	49	16.90	17.22	17.53	0-2	0
	25	0	16.62	16.90	17.23		0
	25	12	16.74	16.90	17.30		0
64QAM	25	25	16.76	16.97	17.26	0-2	0
	50	0	16.64	16.83	17.21		0
	1	0	16.97	17.03	17.77		0-2
	1	25	17.07	17.10	17.52	0	
	1	49	17.16	17.15	17.63	0	
	256QAM	25	0	16.69	16.99	17.22	0-3
25		12	16.81	17.00	17.34	0	
25		25	16.81	16.99	17.28	0	
50		0	16.67	16.87	17.15	0-5	0
1		0	16.48	16.81	17.17		0
1		25	16.91	17.02	17.42		0
256QAM	1	49	16.65	16.83	17.04	0-5	0
	25	0	16.55	16.90	17.10		0
	25	12	16.72	16.96	17.26		0
	25	25	16.66	16.85	17.21	0	
	50	0	16.59	16.81	17.18	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 62 of 218

Table H-75

LTE Band 7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	16.88	17.03	17.23	0	0
	1	12	16.82	17.13	17.27		0
	1	24	16.76	17.04	17.22		0
	12	0	16.63	16.93	17.21	0-1	0
	12	6	16.74	16.94	17.27		0
	12	13	16.72	16.97	17.29		0
	25	0	16.69	16.89	17.29		0
16QAM	1	0	17.00	17.22	17.54	0-1	0
	1	12	17.01	17.46	17.30		0
	1	24	17.02	17.32	17.62		0
	12	0	16.66	16.94	17.27	0-2	0
	12	6	16.78	17.01	17.33		0
	12	13	16.75	17.03	17.31		0
	25	0	16.75	16.95	17.35		0
64QAM	1	0	16.95	17.37	17.64	0-2	0
	1	12	17.13	17.36	17.10		0
	1	24	17.07	17.28	17.62		0
	12	0	16.60	17.01	17.35	0-3	0
	12	6	16.72	17.05	17.41		0
	12	13	16.70	17.08	17.44		0
	25	0	16.71	16.93	17.35		0
256QAM	1	0	16.64	16.98	17.17	0-5	0
	1	12	16.98	17.07	17.36		0
	1	24	16.79	17.02	17.22		0
	12	0	16.61	16.93	17.23		0
	12	6	16.75	16.97	17.28		0
	12	13	16.72	17.00	17.33		0
	25	0	16.72	16.94	17.28		0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 63 of 218

Table H-76
LTE Band 7 Antenna F Measured P_{max} for DSI = 5 (Head) - 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	24.06	24.26	24.49	0	0
	1	36	24.32	24.27	24.46		0
	1	74	24.31	24.21	24.34		0
	36	0	23.37	23.33	23.41	0-1	1
	36	18	23.46	23.40	23.44		1
	36	37	23.44	23.34	23.44		1
	75	0	23.41	23.31	23.38		1
16QAM	1	0	23.61	23.73	23.74	0-1	1
	1	36	23.71	23.66	23.76		1
	1	74	23.69	23.49	23.67		1
	36	0	22.41	22.34	22.50	0-2	2
	36	18	22.44	22.42	22.43		2
	36	37	22.40	22.36	22.46		2
	75	0	22.42	22.33	22.40		2
64QAM	1	0	22.50	22.43	22.60	0-2	2
	1	36	22.59	22.41	22.61		2
	1	74	22.53	22.40	22.54		2
	36	0	21.38	21.29	21.44	0-3	3
	36	18	21.45	21.38	21.43		3
	36	37	21.43	21.34	21.48		3
	75	0	21.39	21.36	21.38		3
256QAM	1	0	19.31	19.26	19.39	0-5	5
	1	36	19.61	19.48	19.66		5
	1	74	19.36	19.28	19.38		5
	36	0	19.27	19.30	19.40		5
	36	18	19.45	19.36	19.42		5
	36	37	19.41	19.33	19.45		5
	75	0	19.37	19.32	19.37		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 64 of 218

Table H-77
LTE Band 7 Antenna F Measured P_{max} for DSI = 5 (Head) - 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	24.32	24.60	24.65	0	0	
	1	25	24.50	24.53	24.65		0	
	1	49	24.44	24.48	24.31		0	
	25	0	23.43	23.43	23.54	0-1	1	
	25	12	23.52	23.50	23.55		1	
	25	25	23.49	23.46	23.59		1	
16QAM	50	0	23.44	23.42	23.53	0-1	1	
	1	0	23.50	23.68	23.99		0-1	1
	1	25	23.72	23.78	23.99			1
	1	49	23.75	23.83	23.67	0-2		1
	25	0	22.54	22.45	22.57		2	
	25	12	22.62	22.56	22.58		2	
64QAM	25	25	22.56	22.50	22.62	0-2	2	
	50	0	22.46	22.45	22.61		2	
	1	0	22.79	22.67	22.74		0-2	2
	1	25	22.82	22.67	22.84	0-3		2
	1	49	22.71	22.65	22.74			2
	25	0	21.49	21.46	21.54		0-3	3
25	12	21.55	21.56	21.55	3			
25	25	21.57	21.47	21.60	3			
256QAM	50	0	21.48	21.48	21.54	0-3	3	
	1	0	19.37	19.40	19.43		0-5	5
	1	25	19.73	19.70	19.79			5
	1	49	19.38	19.37	19.43	5		
	25	0	19.41	19.42	19.52	5		
	25	12	19.56	19.55	19.61	5		
25	25	19.45	19.47	19.59	5			
	50	0	19.47	19.50	19.57		5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 65 of 218

Table H-78
LTE Band 7 Antenna F Measured P_{max} for DSI = 5 (Head) - 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	24.21	24.54	24.74	0	0
	1	12	24.46	24.64	24.64		0
	1	24	24.60	24.58	24.19		0
	12	0	23.46	23.42	23.54	0-1	1
	12	6	23.61	23.60	23.63		1
	12	13	23.57	23.54	23.68		1
	25	0	23.59	23.54	23.58		1
16QAM	1	0	23.46	23.88	23.88	0-1	1
	1	12	23.77	23.99	24.00		1
	1	24	23.89	23.83	23.62		1
	12	0	22.60	22.53	22.64	0-2	2
	12	6	22.70	22.64	22.69		2
	12	13	22.65	22.58	22.68		2
	25	0	22.61	22.52	22.61		2
64QAM	1	0	22.57	22.73	22.81	0-2	2
	1	12	22.62	22.79	22.87		2
	1	24	22.64	22.73	22.74		2
	12	0	21.59	21.51	21.53	0-3	3
	12	6	21.63	21.61	21.67		3
	12	13	21.56	21.52	21.73		3
	25	0	21.58	21.54	21.59		3
256QAM	1	0	19.59	19.67	19.84	0-5	5
	1	12	19.84	19.77	19.90		5
	1	24	19.77	19.57	19.76		5
	12	0	19.57	19.50	19.61		5
	12	6	19.62	19.69	19.68		5
	12	13	19.54	19.59	19.73		5
	25	0	19.51	19.56	19.59		5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 66 of 218

Table H-79

LTE Band 7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (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	18.34	18.34	18.38	0	0
	1	36	18.42	18.34	18.33		0
	1	74	18.35	18.23	18.24		0
	36	0	18.27	18.27	18.38	0-1	0
	36	18	18.37	18.30	18.34		0
	36	37	18.36	18.28	18.39		0
16QAM	75	0	18.29	18.25	18.29	0-1	0
	1	0	18.57	18.59	18.62		0
	1	36	18.61	18.62	18.63		0
	1	74	18.49	18.48	18.57	0-2	0
	36	0	18.30	18.32	18.37		0
	36	18	18.36	18.33	18.38		0
64QAM	36	37	18.38	18.29	18.46	0-2	0
	75	0	18.29	18.27	18.30		0
	1	0	18.40	18.61	18.61		0-2
	1	36	18.46	18.60	18.62	0	
	1	74	18.45	18.62	18.59	0-3	
	36	0	18.30	18.30	18.43		0
36	18	18.38	18.31	18.37	0		
256QAM	36	37	18.37	18.35	18.45	0-3	0
	75	0	18.27	18.30	18.33		0
	1	0	18.20	18.22	18.35		0-5
	1	36	18.30	18.33	18.47	0	
	1	74	18.11	18.22	18.43	0	
	36	0	18.19	18.23	18.35	0	
36	18	18.35	18.35	18.38	0		
36	37	18.38	18.29	18.38	0		
75	0	18.31	18.28	18.28	0		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 67 of 218

Table H-80

LTE Band 7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (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	18.52	18.44	18.53	0	0
	1	25	18.50	18.41	18.58		0
	1	49	18.48	18.36	18.53		0
	25	0	18.41	18.40	18.50	0-1	0
	25	12	18.49	18.48	18.49		0
	25	25	18.44	18.46	18.48		0
16QAM	50	0	18.43	18.37	18.49	0-1	0
	1	0	18.70	18.63	18.80		0
	1	25	18.67	18.66	18.80		0
	1	49	18.71	18.61	18.80	0-2	0
	25	0	18.47	18.48	18.50		0
	25	12	18.52	18.53	18.57		0
64QAM	25	25	18.54	18.46	18.59	0-2	0
	50	0	18.42	18.38	18.48		0
	1	0	18.58	18.77	18.76		0-2
	1	25	18.68	18.68	18.75	0	
	1	49	18.70	18.64	18.64	0	
	256QAM	25	0	18.46	18.43	18.51	0-3
25		12	18.53	18.49	18.53	0	
25		25	18.50	18.46	18.57	0	
50		0	18.43	18.45	18.49	0-5	0
1		0	18.25	18.26	18.40		0
1		25	18.63	18.42	18.78		0
256QAM	1	49	18.37	18.24	18.36	0-5	0
	25	0	18.30	18.35	18.45		0
	25	12	18.46	18.46	18.50		0
	25	25	18.42	18.40	18.45	0	
	50	0	18.42	18.42	18.47	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 68 of 218

Table H-81

LTE Band 7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (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	18.51	18.50	18.52	0	0
	1	12	18.57	18.57	18.52		0
	1	24	18.50	18.47	18.49		0
	12	0	18.45	18.38	18.46	0-1	0
	12	6	18.50	18.49	18.55		0
	12	13	18.45	18.43	18.54		0
	25	0	18.45	18.44	18.48	0	
16QAM	1	0	18.78	18.68	18.80	0-1	0
	1	12	18.80	18.80	18.80		0
	1	24	18.71	18.76	18.80		0
	12	0	18.54	18.42	18.50	0-2	0
	12	6	18.55	18.54	18.59		0
	12	13	18.52	18.47	18.55		0
	25	0	18.52	18.45	18.51	0	
64QAM	1	0	18.68	18.68	18.80	0-2	0
	1	12	18.80	18.74	18.80		0
	1	24	18.80	18.76	18.80		0
	12	0	18.44	18.45	18.52	0-3	0
	12	6	18.50	18.55	18.60		0
	12	13	18.46	18.48	18.61		0
	25	0	18.49	18.48	18.53	0	
256QAM	1	0	18.45	18.53	18.42	0-5	0
	1	12	18.56	18.65	18.68		0
	1	24	18.42	18.55	18.53		0
	12	0	18.51	18.37	18.51		0
	12	6	18.55	18.49	18.52		0
	12	13	18.53	18.45	18.56		0
	25	0	18.45	18.48	18.51	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 69 of 218

H.1.1 LTE Band 41 PC3

Table H-82

LTE Band 41 Antenna B PC3 Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	21.90	21.95	22.06	21.98	22.18	0	0	
	1	36	21.95	22.09	22.30	22.15	22.23		0	
	1	74	21.94	22.00	22.02	21.90	22.25		0	
	16QAM	36	0	21.95	21.91	22.30	21.99	22.18	0-1	0
		36	18	22.00	21.98	22.35	22.06	22.17		0
		36	37	21.96	22.02	22.28	22.05	22.15		0
		75	0	21.94	21.98	22.29	21.98	22.19		0
64QAM	1	0	21.95	21.80	21.83	21.87	21.80	0-1	0	
	1	36	21.96	22.12	22.00	22.08	22.23		0	
	1	74	21.99	21.81	21.80	21.77	22.16		0	
	256QAM	36	0	21.87	21.80	21.86	21.86	21.90	0-2	0
		36	18	21.95	21.85	21.95	21.93	22.03		0
		36	37	21.96	21.90	21.95	21.95	22.09		0
		75	0	21.87	21.93	21.89	21.88	21.98		0
1		0	21.89	21.80	21.82	21.89	21.96	0-2		0
1	36	21.84	21.97	22.02	22.10	22.15	0			
64QAM	1	74	21.98	21.76	21.85	21.87	21.90	0-3	0	
	36	0	20.89	20.81	20.96	20.91	20.92		1	
	36	18	20.98	20.87	20.98	20.92	21.02		1	
	256QAM	36	37	20.87	20.96	20.95	20.94	21.10	0-5	1
		75	0	20.86	20.94	20.94	20.83	20.95		1
		1	0	18.60	18.62	18.69	18.86	18.71		3
		1	36	18.89	18.90	18.94	19.10	18.98		3
1		74	18.87	18.76	18.86	18.76	18.95	3		
36		0	18.76	18.81	18.89	18.91	18.88	3		
36		18	18.96	18.90	18.99	18.96	18.98	3		
36	37	18.94	18.92	19.00	19.01	19.12	3			
75	0	18.80	18.77	18.86	18.75	18.88	3			

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 70 of 218

Table H-83

LTE Band 41 Antenna B PC3 Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	22.06	21.88	21.88	21.90	21.88	0	0	
	1	25	22.09	22.08	22.17	22.27	22.18		0	
	1	49	22.05	21.96	21.84	21.95	22.22		0	
	16QAM	25	0	22.08	22.07	22.17	22.07	22.15	0-1	0
		25	12	22.20	22.27	22.23	22.23	22.26		0
		25	25	22.16	22.18	22.11	22.14	22.20		0
		64QAM	50	0	22.08	22.17	22.13	22.19	22.16	0-2
1			0	21.95	21.85	21.89	21.92	22.01	0	
1	25		22.06	22.20	22.18	22.18	22.22	0		
256QAM	1		49	22.01	21.87	21.76	21.92	21.99	0-2	0
	25		0	21.95	21.96	22.07	22.09	22.10		0
	25		12	22.09	22.12	22.11	22.17	22.11		0
	64QAM		50	25	22.03	22.02	22.05	22.14	22.08	0-3
		1	0	21.98	22.04	22.06	22.08	22.06	0	
		1	0	22.06	21.82	21.90	21.89	21.91	0	
		256QAM	1	25	22.09	22.16	22.14	22.13	22.25	0-3
1			49	22.01	21.85	21.83	21.48	22.07	1	
25			0	20.98	20.98	21.06	20.99	21.08	1	
256QAM			25	12	21.05	21.15	21.16	21.09	21.19	0-5
	25		25	21.06	20.92	21.03	21.07	21.21	3	
	50		0	20.94	21.06	21.08	21.01	21.04	3	
	256QAM		1	0	18.66	18.79	18.79	19.03	18.90	0-5
		1	25	19.06	19.11	19.09	18.82	19.18	3	
		1	49	18.76	18.84	18.80	18.99	18.91	3	
		256QAM	25	0	18.95	19.01	19.10	19.12	19.08	0-5
25			12	19.09	19.04	19.12	19.05	19.11	3	
25			25	18.97	19.10	19.05	19.06	19.12	3	
50			0	18.98	19.08	19.06	19.03	19.06	3	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 71 of 218

Table H-84

LTE Band 41 Antenna B PC3 Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	22.10	21.96	21.78	22.15	22.21	0	0	
	1	12	22.15	22.16	22.29	22.30	22.34		0	
	1	24	22.08	22.15	22.13	22.19	22.23		0	
	QPSK	12	0	22.10	22.14	22.15	22.18	22.20	0-1	0
		12	6	22.07	22.25	22.30	22.19	22.25		0
		12	13	22.15	22.22	22.25	22.21	22.28		0
		25	0	22.12	22.26	22.24	22.14	22.20		0
1		0	22.05	22.05	22.09	22.05	22.15	0		
16QAM	1	12	22.10	22.17	22.07	22.07	22.30	0-1	0	
	1	24	22.09	21.95	22.17	22.17	22.12		0	
	12	0	21.98	22.03	22.05	22.08	22.13		0	
	16QAM	12	6	22.09	22.11	22.14	22.10	22.22	0-2	0
		12	13	22.02	22.09	22.12	22.14	22.20		0
		25	0	22.01	22.11	22.11	22.08	22.16		0
		1	0	22.07	22.14	22.09	22.11	22.17		0
1		12	22.10	22.08	22.16	22.22	22.24	0		
64QAM	1	24	22.09	22.13	22.12	21.98	22.12	0-2	0	
	12	0	21.05	21.06	21.08	21.03	21.10		1	
	12	6	21.10	21.12	21.15	21.12	21.11		1	
	64QAM	12	13	21.05	21.22	21.14	21.14	21.18	0-3	1
		25	0	20.98	21.13	21.09	21.12	21.15		1
		1	0	18.79	18.96	18.97	18.95	19.04		3
	256QAM	1	12	19.03	19.12	19.06	19.10	19.10	0-5	3
1		24	18.96	19.05	19.03	19.11	19.01	3		
12		0	19.00	19.02	19.09	19.05	19.12	3		
12		6	19.15	19.10	19.23	19.14	19.16	3		
12		13	19.10	19.16	19.09	19.11	19.22	3		
25		0	19.10	19.19	19.14	19.08	19.12	3		

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 72 of 218

Table H-85

LTE Band 41 Antenna B PC3 Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.69	17.70	17.61	17.56	17.72	0	0	
	1	36	17.76	17.98	17.85	17.75	18.04		0	
	1	74	17.65	17.74	17.62	17.51	18.01		0	
	16QAM	36	0	17.68	17.82	17.69	17.69	17.85	0-1	0
		36	18	17.74	17.90	17.84	17.73	17.98		0
		36	37	17.74	17.86	17.83	17.70	18.06		0
		64QAM	75	0	17.67	17.81	17.81	17.64	17.91	0-1
1			0	17.73	17.57	17.61	17.54	17.55	0	
1	36		17.75	17.76	17.86	17.77	17.85	0		
256QAM	1		74	17.70	17.53	17.67	17.45	17.80	0-2	0
	36		0	17.67	17.79	17.66	17.62	17.81		0
	36		18	17.74	17.90	17.81	17.67	17.93		0
	64QAM		36	37	17.78	17.86	17.79	17.70	18.03	0-2
		75	0	17.72	17.81	17.76	17.64	17.90	0	
1		0	17.64	17.70	17.43	17.59	17.76	0		
256QAM		1	36	17.67	17.94	17.71	17.49	17.99	0-3	0
		1	74	17.61	17.75	17.43	17.52	18.02		0
		36	0	17.67	17.82	17.64	17.65	17.81		0
		256QAM	36	18	17.75	17.85	17.82	17.70	17.95	0-3
	36		37	17.74	17.89	17.78	17.72	18.05	0	
75	0		17.71	17.83	17.75	17.65	17.92	0		
256QAM	1		0	17.41	17.53	17.59	17.58	17.56	0-5	0
	1		36	17.69	17.84	17.85	17.80	17.95		0
	1		74	17.52	17.64	17.58	17.53	17.96		0
	256QAM		36	0	17.58	17.82	17.67	17.70	17.82	0-5
		36	18	17.74	17.88	17.84	17.73	17.95	0	
		36	37	17.74	17.88	17.78	17.74	18.05	0	
		75	0	17.67	17.80	17.77	17.67	17.93	0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 73 of 218

Table H-86

LTE Band 41 Antenna B PC3 Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.85	17.85	17.63	17.65	17.84	0	0	
	1	25	17.92	18.12	17.89	17.96	18.17		0	
	1	49	17.86	17.82	17.58	17.64	17.90		0	
	16QAM	25	0	17.88	18.00	17.91	17.78	18.00	0-1	0
		25	12	17.91	18.06	18.00	17.88	18.13		0
		25	25	17.90	18.05	17.85	17.82	18.08		0
		64QAM	50	0	17.83	17.97	17.88	17.76	18.00	0-1
1			0	17.66	17.87	17.58	17.40	17.85	0	
1	25		17.67	18.14	17.86	17.72	18.14	0		
256QAM	1		49	17.59	17.82	17.55	17.43	17.89	0-2	0
	25		0	17.82	17.99	17.91	17.77	18.04		0
	25		12	17.91	18.07	17.98	17.84	18.12		0
	64QAM		50	0	17.87	18.04	17.84	17.81	18.10	0-2
		1	0	17.78	17.98	17.87	17.77	18.00	0	
1		0	17.87	17.84	17.65	17.60	17.78	0		
256QAM		1	25	17.89	18.10	17.91	17.89	18.07	0-3	0
		1	49	17.86	17.78	17.62	17.58	17.78		0
		25	0	17.84	18.01	17.91	17.77	18.05		0
		256QAM	25	12	17.91	18.08	17.96	17.86	18.14	0-5
	25		25	17.89	18.04	17.86	17.84	18.13	0	
50	0		17.80	17.99	17.91	17.81	18.05	0		
256QAM	1		0	17.52	17.75	17.55	17.48	17.75	0-5	0
	1		25	17.87	18.10	17.89	17.87	18.12		0
	1		49	17.56	17.81	17.60	17.57	17.85		0
	256QAM		25	0	17.75	18.05	17.94	17.79	18.04	0
		25	12	17.91	18.12	18.00	17.88	18.18	0	
25		25	17.80	18.07	17.88	17.87	18.11	0		
50	0	17.81	18.01	17.91	17.79	18.06	0			

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 74 of 218

Table H-87

LTE Band 41 Antenna B PC3 Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.87	17.99	17.83	17.84	18.03	0	0	
	1	12	17.92	18.07	17.88	17.93	18.15		0	
	1	24	17.89	18.00	17.80	17.95	18.07		0	
	QPSK	12	0	17.86	18.08	17.97	17.86	18.12	0-1	0
		12	6	17.94	18.09	18.01	17.87	18.14		0
		12	13	17.94	18.08	17.96	17.91	18.17		0
		25	0	17.91	18.01	17.95	17.86	18.11		0
1		0	17.81	17.93	17.80	17.83	18.00	0		
16QAM	1	12	17.93	18.07	17.84	17.91	18.11	0-1	0	
	1	24	17.80	17.90	17.81	17.82	18.03		0	
	12	0	17.88	18.03	17.94	17.81	18.11		0	
	16QAM	12	6	17.92	18.09	17.97	17.84	18.15	0-2	0
		12	13	17.94	18.13	17.93	17.90	18.17		0
		25	0	17.91	18.02	17.97	17.85	18.09		0
		1	0	17.78	18.12	17.93	17.81	18.10		0
1		12	17.85	18.17	17.96	17.89	18.21	0		
64QAM	1	24	17.83	18.09	17.92	17.79	18.20	0-2	0	
	12	0	17.75	18.09	17.95	17.73	18.08		0	
	12	6	17.82	18.10	17.93	17.75	18.08		0	
	64QAM	12	13	17.80	18.15	17.94	17.79	18.13	0-3	0
		25	0	17.90	18.10	17.99	17.86	18.13		0
		1	0	17.80	18.01	17.87	17.74	18.10		0
		1	12	17.94	18.10	17.98	17.89	18.24		0
1		24	17.83	18.00	17.89	17.86	18.16	0		
256QAM	12	0	17.83	18.06	18.00	17.87	18.14	0-5	0	
	12	6	17.92	18.13	17.99	17.91	18.17		0	
	12	13	17.91	18.16	17.97	17.95	18.21		0	
	25	0	17.91	18.07	17.98	17.89	18.14		0	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 75 of 218

Table H-88
LTE Band 41 Antenna F PC3 Measured P_{max} for DSI = 5 (Head) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	24.37	24.24	24.34	24.03	24.05	0	0	
	1	36	24.54	24.24	24.53	24.18	24.40		0	
	1	74	24.46	24.33	24.27	23.92	24.33		0	
	QPSK	36	0	23.41	23.51	23.39	23.10	23.11	0-1	1
		36	18	23.50	23.56	23.46	23.14	23.25		1
		36	37	23.44	23.58	23.52	23.12	23.34		1
		75	0	23.43	23.50	23.41	23.16	23.20		1
1		0	23.50	23.31	23.13	22.97	23.08	1		
16QAM	1	36	23.54	23.68	23.45	23.14	23.42	0-1	1	
	1	74	23.51	23.40	23.10	22.84	23.36		1	
	36	0	22.42	22.50	22.37	22.12	22.14		2	
	16QAM	36	18	22.48	22.57	22.49	22.15	22.26	0-2	2
		36	37	22.45	22.51	22.51	22.16	22.32		2
		75	0	22.42	22.50	22.41	22.16	22.21		2
	64QAM	1	0	22.49	22.41	22.33	22.10	22.00	0-2	2
1		36	22.45	22.69	22.61	22.30	22.33	2		
1		74	22.36	22.48	22.44	21.95	22.28	2		
64QAM		36	0	21.40	21.51	21.41	21.13	21.14	0-3	3
		36	18	21.50	21.57	21.48	21.17	21.25		3
		36	37	21.44	21.59	21.54	21.15	21.35		3
		75	0	21.42	21.51	21.42	21.17	21.22		3
256QAM	1	0	19.12	19.34	19.17	18.99	18.96	0-5	5	
	1	36	19.40	19.65	19.46	18.95	19.28		5	
	1	74	19.25	19.48	19.23	18.83	19.28		5	
	36	0	19.30	19.52	19.40	19.14	19.14		5	
	36	18	19.44	19.61	19.45	19.16	19.27		5	
	36	37	19.43	19.50	19.49	19.14	19.36		5	
	75	0	19.39	19.30	19.40	19.19	19.20		5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 76 of 218

Table H-89
LTE Band 41 Antenna F PC3 Measured P_{max} for DSI = 5 (Head) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.62	24.48	24.45	24.13	24.12	0	0
	1	25	24.67	24.83	24.73	24.42	24.42		0
	1	49	24.61	24.50	24.40	24.12	24.10		0
	25	0	23.57	23.70	23.53	23.24	23.34	0-1	1
	25	12	23.68	23.79	23.62	23.38	23.44		1
	25	25	23.64	23.80	23.59	23.29	23.41		1
16QAM	50	0	23.56	23.68	23.49	23.31	23.34	0-1	1
	1	0	23.58	23.51	23.26	23.08	23.08		1
	1	25	23.63	23.77	23.55	23.38	23.39		1
	1	49	23.55	23.47	23.22	23.07	23.08	0-2	1
	25	0	22.55	22.70	22.49	22.21	22.35		2
	25	12	22.67	22.78	22.58	22.39	22.45		2
64QAM	25	25	22.60	22.74	22.54	22.26	22.41	0-2	2
	50	0	22.54	22.67	22.52	22.29	22.34		2
	1	0	22.54	22.58	22.40	22.04	22.15		0-2
	1	25	22.53	22.85	22.69	22.30	22.50	2	
	1	49	22.48	22.60	22.35	22.00	22.20	2	
	256QAM	25	0	21.60	21.68	21.55	21.25	21.34	0-3
25		12	21.64	21.77	21.64	21.41	21.45	3	
25		25	21.61	21.74	21.56	21.29	21.39	3	
50		0	21.55	21.70	21.53	21.31	21.33	0-5	3
1		0	19.24	19.48	19.25	18.99	19.13		5
1		25	19.62	19.85	19.64	19.34	19.51		5
256QAM	1	49	19.24	19.53	19.28	19.01	19.17	0-5	5
	25	0	19.51	19.72	19.59	19.26	19.36		5
	25	12	19.67	19.80	19.65	19.42	19.44		5
	25	25	19.57	19.79	19.61	19.32	19.39	5	
	50	0	19.56	19.72	19.57	19.34	19.35	5	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 77 of 218

Table H-90
LTE Band 41 Antenna F PC3 Measured P_{max} for DSI = 5 (Head) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	24.51	24.79	24.54	24.22	24.38	0	0	
	1	12	24.55	24.86	24.64	24.29	24.47		0	
	1	24	24.51	24.81	24.54	24.23	24.39		0	
	QPSK	12	0	23.56	23.76	23.61	23.28	23.40	0-1	1
		12	6	23.66	23.71	23.63	23.41	23.43		1
		12	13	23.63	23.83	23.65	23.36	23.48		1
		25	0	23.65	23.77	23.58	23.35	23.40		1
1		0	23.52	23.75	23.52	23.22	23.38	1		
16QAM	1	12	23.56	23.87	23.61	23.30	23.49	0-1	1	
	1	24	23.51	23.86	23.46	23.21	23.37		1	
	12	0	22.57	22.78	22.59	22.29	22.38		2	
	16QAM	12	6	22.65	22.80	22.61	22.40	22.42	0-2	2
		12	13	22.60	22.84	22.64	22.33	22.47		2
		25	0	22.64	22.76	22.56	22.37	22.41		2
		1	0	22.61	22.76	22.59	22.29	22.28		0-2
1	12	22.65	22.80	22.70	22.36	22.40	2			
1	24	22.57	22.72	22.60	22.34	22.31	2			
64QAM	12	0	21.59	21.82	21.63	21.33	21.36	0-3	3	
	12	6	21.70	21.85	21.67	21.42	21.38		3	
	12	13	21.65	21.89	21.71	21.36	21.43		3	
	25	0	21.62	21.75	21.57	21.37	21.42	0-3	3	
	1	0	19.49	19.63	19.58	19.25	19.26		0-5	5
	1	12	19.61	19.81	19.78	19.38	19.54			5
1	24	19.55	19.68	19.60	19.26	19.47	5			
12	0	19.55	19.74	19.66	19.33	19.39	5			
12	6	19.65	19.80	19.64	19.44	19.42	5			
12	13	19.61	19.85	19.61	19.37	19.45	5			
25	0	19.62	19.77	19.60	19.38	19.40	5			

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 78 of 218

Table H-91

LTE Band 41 Antenna F PC3 Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (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	20.31	20.29	20.21	20.00	19.92	0	0	
	1	36	20.34	20.56	20.48	20.14	20.23		0	
	1	74	20.31	20.38	20.23	19.86	20.19		0	
	QPSK	36	0	20.30	20.41	20.31	20.04	20.04	0-1	0
		36	18	20.37	20.48	20.35	20.05	20.18		0
		36	37	20.34	20.47	20.39	20.04	20.26		0
		75	0	20.27	20.40	20.29	20.07	20.12		0
16QAM	1	0	20.21	20.06	20.03	19.89	19.76	0-1	0	
	1	36	20.18	20.40	20.29	19.98	20.08		0	
	1	74	20.22	20.22	20.08	19.69	20.03		0	
	16QAM	36	0	20.29	20.42	20.32	20.05	20.07	0-2	0
		36	18	20.38	20.49	20.38	20.08	20.18		0
		36	37	20.33	20.50	20.41	20.08	20.27		0
		75	0	20.31	20.42	20.34	20.11	20.13		0
64QAM	1	0	20.29	20.23	20.22	19.95	19.89	0-2	0	
	1	36	20.31	20.49	20.41	20.09	20.03		0	
	1	74	20.25	20.26	20.16	19.82	20.15		0	
	64QAM	36	0	20.29	20.44	20.34	20.05	20.07	0-3	0
		36	18	20.38	20.49	20.39	20.09	20.22		0
		36	37	20.35	20.51	20.42	20.06	20.28		0
		75	0	20.34	20.43	20.34	20.09	20.15		0
256QAM	1	0	19.00	19.17	19.16	18.89	18.85	0-5	1	
	1	36	19.29	19.48	19.47	19.11	19.16		1	
	1	74	19.14	19.31	19.26	18.78	19.13		1	
	36	0	19.23	19.42	19.33	19.06	19.08		1	
	36	18	19.36	19.49	19.40	19.08	19.20		1	
	36	37	19.36	19.50	19.43	19.08	19.28		1	
	75	0	19.33	19.44	19.32	19.10	19.13		1	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 79 of 218

Table H-92

LTE Band 41 Antenna F PC3 Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	20.45	20.50	20.31	19.98	20.07	0	0	
	1	25	20.45	20.77	20.57	20.30	20.47		0	
	1	49	20.41	20.48	20.27	19.95	20.13		0	
	QPSK	25	0	20.45	20.62	20.42	20.18	20.20	0-1	0
		25	12	20.53	20.71	20.52	20.37	20.30		0
		25	25	20.50	20.69	20.49	20.22	20.32		0
		50	0	20.45	20.61	20.44	20.25	20.28		0
16QAM	1	0	20.44	20.30	20.28	19.99	19.92	0-1	0	
	1	25	20.47	20.66	20.57	20.25	20.29		0	
	1	49	20.41	20.34	20.29	19.97	19.99		0	
	16QAM	25	0	20.46	20.62	20.46	20.19	20.27	0-2	0
		25	12	20.55	20.69	20.53	20.33	20.34		0
		25	25	20.51	20.66	20.50	20.24	20.31		0
		50	0	20.45	20.63	20.46	20.24	20.24		0
64QAM	1	0	20.53	20.48	20.29	20.06	20.18	0-2	0	
	1	25	20.52	20.71	20.55	20.34	20.35		0	
	1	49	20.45	20.49	20.29	20.02	20.17		0	
	64QAM	25	0	20.45	20.64	20.45	20.20	20.21	0-3	0
		25	12	20.56	20.74	20.54	20.33	20.34		0
		25	25	20.54	20.70	20.51	20.25	20.33		0
		50	0	20.49	20.64	20.47	20.28	20.30		0
256QAM	1	0	19.18	19.35	19.31	18.93	19.00	0-5	1	
	1	25	19.56	19.72	19.57	19.26	19.44		1	
	1	49	19.23	19.41	19.25	18.94	19.09		1	
	25	0	19.43	19.68	19.47	19.21	19.30		1	
	25	12	19.58	19.75	19.57	19.36	19.38		1	
	25	25	19.49	19.73	19.53	19.26	19.34		1	
	50	0	19.49	19.66	19.46	19.29	19.29		1	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 80 of 218

Table H-93

LTE Band 41 Antenna F PC3 Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	20.51	20.64	20.49	20.23	20.28	0	0	
	1	12	20.52	20.74	20.55	20.34	20.38		0	
	1	24	20.49	20.66	20.44	20.25	20.29		0	
	QPSK	12	0	20.44	20.70	20.53	20.24	20.35	0-1	0
		12	6	20.56	20.74	20.56	20.32	20.37		0
		12	13	20.53	20.78	20.59	20.29	20.41		0
		25	0	20.51	20.71	20.52	20.32	20.35		0
25		0	20.51	20.71	20.52	20.32	20.35	0		
16QAM	1	0	20.46	20.63	20.47	20.26	20.29	0-1	0	
	1	12	20.52	20.73	20.56	20.32	20.37		0	
	1	24	20.47	20.63	20.45	20.22	20.27		0	
	16QAM	12	0	20.48	20.75	20.55	20.26	20.35	0-2	0
		12	6	20.61	20.78	20.58	20.36	20.36		0
		12	13	20.60	20.82	20.59	20.32	20.41		0
		25	0	20.54	20.75	20.54	20.35	20.32		0
64QAM	1	0	20.47	20.76	20.57	20.22	20.44	0-2	0	
	1	12	20.58	20.86	20.67	20.27	20.39		0	
	1	24	20.48	20.77	20.58	20.24	20.46		0	
	64QAM	12	0	20.54	20.69	20.61	20.24	20.37	0-3	0
		12	6	20.55	20.70	20.63	20.32	20.37		0
		12	13	20.52	20.75	20.65	20.28	20.42		0
		25	0	20.55	20.73	20.55	20.36	20.36		0
256QAM	1	0	19.29	19.55	19.39	19.23	19.31	0-5	1	
	1	12	19.52	19.89	19.56	19.40	19.45		1	
	1	24	19.46	19.75	19.49	19.32	19.33		1	
	12	0	19.50	19.74	19.59	19.25	19.36		1	
	12	6	19.58	19.79	19.60	19.38	19.40		1	
	12	13	19.55	19.82	19.64	19.32	19.41		1	
	25	0	19.59	19.74	19.55	19.35	19.36		1	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 81 of 218

H.1.1 LTE Band 48

Table H-94
LTE Band 48 Measured P_{limit} for DSI = 4/5 (Head) - 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	20.91	20.83	21.05	20.76	0	0
	1	36	20.98	20.88	21.01	20.80		0
	1	74	20.89	20.91	21.00	20.73		0
	36	0	20.89	20.87	20.91	20.76	0-1	0
	36	18	21.02	21.02	21.00	20.83		0
	36	37	20.96	20.98	20.91	20.70		0
	75	0	20.92	20.96	20.93	20.78		0
16QAM	1	0	21.00	20.89	20.98	20.93	0-1	0
	1	36	21.08	20.95	21.04	20.93		0
	1	74	21.01	20.96	20.93	20.87		0
	36	0	20.86	20.93	20.93	20.79	0-2	0
	36	18	21.03	21.05	21.03	20.85		0
	36	37	20.97	20.98	20.92	20.74		0
	75	0	20.96	21.00	20.97	20.81		0
64QAM	1	0	20.86	20.99	21.01	20.75	0-2	0
	1	36	20.98	21.04	21.11	20.67		0
	1	74	20.88	21.00	21.10	20.59		0
	36	0	20.84	20.93	20.93	20.77	0-3	0
	36	18	21.01	21.04	21.02	20.84		0
	36	37	20.96	20.98	20.91	20.71		0
	75	0	20.95	20.99	20.97	20.78		0
256QAM	1	0	18.67	18.80	18.83	18.74	0-5	2
	1	36	19.02	18.99	18.94	18.86		2
	1	74	18.85	18.76	18.69	18.59		2
	36	0	18.86	18.93	18.94	18.80		2
	36	18	19.04	19.04	19.02	18.87		2
	36	37	18.99	18.99	18.91	18.73		2
	75	0	18.96	18.99	18.96	18.80		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 82 of 218

Table H-95
LTE Band 48 Measured P_{limit} for DSI = 4/5 (Head) - 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	21.09	20.93	21.03	20.80	0	0
	1	25	21.21	21.03	21.12	20.90		0
	1	49	21.15	21.05	21.11	20.89		0
	25	0	21.05	20.80	20.99	20.79	0-1	0
	25	12	21.20	21.06	21.16	20.88		0
	25	25	21.15	21.04	21.01	20.81		0
	50	0	21.09	20.98	21.05	20.80		0
16QAM	1	0	21.11	20.79	20.98	20.88	0-1	0
	1	25	21.14	20.88	21.04	20.86		0
	1	49	21.16	20.97	21.09	20.85		0
	25	0	21.01	20.84	20.96	20.79	0-2	0
	25	12	21.16	21.06	21.14	20.93		0
	25	25	21.12	20.98	21.06	20.79		0
	50	0	21.09	20.94	21.04	20.78		0
64QAM	1	0	20.76	21.00	21.11	20.88	0-2	0
	1	25	20.93	21.02	21.18	20.93		0
	1	49	20.95	21.13	21.16	20.89		0
	25	0	20.61	20.70	20.85	20.63	0-3	0
	25	12	20.78	20.95	21.02	20.78		0
	25	25	20.89	20.94	20.95	20.71		0
	50	0	20.71	20.83	20.94	20.68		0
256QAM	1	0	18.63	18.39	18.69	18.49	0-5	2
	1	25	19.13	18.90	19.03	18.96		2
	1	49	18.88	18.88	18.77	18.55		2
	25	0	19.00	18.81	18.89	18.79		2
	25	12	19.17	18.71	19.00	18.76		2
	25	25	19.11	18.99	18.95	18.70		2
	50	0	19.04	18.93	18.94	18.69		2

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 83 of 218

Table H-96
LTE Band 48 Measured P_{limit} for DSI = 4/5 (Head) - 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	20.60	20.78	20.93	20.80	0	0
	1	12	20.79	21.03	21.16	20.88		0
	1	24	20.73	21.00	20.98	20.74		0
	12	0	20.78	20.86	21.04	20.76	0-1	0
	12	6	20.89	21.02	21.14	20.85		0
	12	13	20.85	21.05	21.08	20.79		0
16QAM	25	0	20.81	21.05	21.12	20.81	0-1	0
	1	0	20.68	20.79	21.00	20.80		0
	1	12	20.80	20.93	21.04	20.90		0
	1	24	20.82	20.89	20.94	21.10	0-2	0
	12	0	20.66	20.88	21.03	20.85		0
	12	6	20.82	21.02	21.14	20.88		0
64QAM	12	13	20.85	21.01	21.06	20.80	0-2	0
	25	0	20.79	20.93	21.08	20.86		0
	1	0	20.76	20.88	20.95	20.71		0-2
	1	12	20.75	21.14	21.16	20.82	0	
	1	24	20.92	21.01	21.08	20.86	0	
	256QAM	12	0	20.66	20.75	20.94	20.70	0-3
12		6	20.76	20.95	20.99	20.81	0	
12		13	20.79	20.98	20.95	20.73	0	
25		0	20.70	20.88	20.96	20.75	0-5	0
1		0	18.63	18.60	18.73	18.56		2
1		12	18.73	18.78	18.99	18.74		2
256QAM	1	24	18.69	18.85	18.80	18.69	0-5	2
	12	0	18.63	18.76	18.92	18.76		2
	12	6	18.79	18.97	18.99	18.85		2
	12	13	18.73	18.89	18.93	18.74	2	
	25	0	18.70	18.90	18.92	18.77	2	

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 84 of 218

Table H-97

LTE Band 48 Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.47	19.71	20.10	19.81	0	0
	1	36	19.58	19.86	20.05	19.74		0
	1	74	19.58	19.92	20.02	19.71		0
	36	0	19.36	19.83	20.04	19.78	0-1	0
	36	18	19.56	19.96	20.15	19.84		0
	36	37	19.54	19.95	20.04	19.71		0
	75	0	19.51	19.91	20.06	19.79		0
16QAM	1	0	19.30	19.73	20.11	19.77	0-1	0
	1	36	19.42	19.87	20.08	19.80		0
	1	74	19.41	19.89	20.05	19.70		0
	36	0	19.37	19.84	20.06	19.78	0-2	0
	36	18	19.55	19.99	20.17	19.85		0
	36	37	19.56	20.00	20.06	19.72		0
	75	0	19.51	19.95	20.10	19.81		0
64QAM	1	0	19.41	19.79	20.09	19.80	0-2	0
	1	36	19.54	19.90	20.16	19.80		0
	1	74	19.52	19.96	20.12	19.74		0
	36	0	19.44	19.86	20.07	19.81	0-3	0
	36	18	19.62	20.00	20.16	19.87		0
	36	37	19.60	19.98	20.07	19.73		0
	75	0	19.56	19.94	20.13	19.81		0
256QAM	1	0	18.62	19.17	19.43	19.25	0-5	0.5
	1	36	19.05	19.44	19.61	19.40		0.5
	1	74	18.96	19.32	19.38	19.05		0.5
	36	0	18.93	19.35	19.57	19.36		0.5
	36	18	19.11	19.49	19.67	19.40		0.5
	36	37	19.06	19.49	19.59	19.28		0.5
	75	0	19.02	19.47	19.61	19.36		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 85 of 218

Table H-98

LTE Band 48 Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.42	19.45	19.68	19.48	0	0
	1	25	19.59	19.60	19.78	19.52		0
	1	49	19.53	19.59	19.74	19.49		0
	25	0	19.38	19.36	19.65	19.40	0-1	0
	25	12	19.58	19.54	19.80	19.60		0
	25	25	19.50	19.51	19.68	19.44		0
	50	0	19.51	19.46	19.73	19.50		0
16QAM	1	0	19.39	19.43	19.65	19.49	0-1	0
	1	25	19.49	19.66	19.87	19.57		0
	1	49	19.53	19.55	19.59	19.62		0
	25	0	19.43	19.40	19.64	19.48	0-2	0
	25	12	19.60	19.56	19.76	19.51		0
	25	25	19.55	19.53	19.68	19.56		0
	50	0	19.52	19.50	19.70	19.68		0
64QAM	1	0	19.70	19.54	19.84	19.76	0-2	0
	1	25	19.71	19.70	19.77	19.65		0
	1	49	19.70	19.63	19.86	19.71		0
	25	0	19.46	19.35	19.59	19.56	0-3	0
	25	12	19.62	19.51	19.68	19.77		0
	25	25	19.60	19.57	19.74	19.57		0
	50	0	19.54	19.50	19.73	19.54		0
256QAM	1	0	18.52	18.65	18.79	18.59	0-5	0.5
	1	25	19.11	18.93	19.17	18.98		0.5
	1	49	18.80	18.89	19.00	18.70		0.5
	25	0	18.88	18.79	19.06	18.87		0.5
	25	12	19.03	18.98	19.25	18.93		0.5
	25	25	18.98	18.99	19.10	18.94		0.5
	50	0	18.96	18.87	19.13	18.92		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 86 of 218

Table H-99

LTE Band 48 Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.39	19.30	19.40	19.46	0	0
	1	12	19.59	19.48	19.70	19.66		0
	1	24	19.40	19.37	19.60	19.55		0
	12	0	19.35	19.35	19.59	19.59	0-1	0
	12	6	19.41	19.51	19.68	19.71		0
	12	13	19.39	19.53	19.63	19.62		0
	25	0	19.34	19.49	19.66	19.64		0
16QAM	1	0	19.15	19.30	19.52	19.50	0-1	0
	1	12	19.41	19.52	19.68	19.70		0
	1	24	19.20	19.42	19.61	19.60		0
	12	0	19.37	19.35	19.28	19.55	0-2	0
	12	6	19.38	19.47	19.68	19.70		0
	12	13	19.40	19.53	19.56	19.61		0
	25	0	19.39	19.47	19.63	19.66		0
64QAM	1	0	19.28	19.36	19.52	19.56	0-2	0
	1	12	19.45	19.55	19.70	19.73		0
	1	24	19.19	19.47	19.57	19.66		0
	12	0	19.34	19.39	19.66	19.55	0-3	0
	12	6	19.37	19.54	19.63	19.68		0
	12	13	19.42	19.48	19.70	19.66		0
	25	0	19.38	19.45	19.64	19.63		0
256QAM	1	0	18.59	18.62	18.80	18.82	0-5	0.5
	1	12	18.70	18.81	18.95	19.06		0.5
	1	24	18.55	18.75	18.75	18.99		0.5
	12	0	18.69	18.71	18.78	19.07		0.5
	12	6	18.76	18.85	18.99	19.11		0.5
	12	13	18.74	18.82	18.91	19.08		0.5
	25	0	18.71	18.84	19.01	19.05		0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 87 of 218

H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band 71

Table H-100
NR Band n71 Measured P_{Max} for all DSI - 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	24.40	0	0.0
	1	40	24.19		0.0
	1	77	24.12		0.0
	36	0	23.86	0-0.5	0.5
	36	22	24.24	0	0.0
	36	43	23.70	0-0.5	0.5
	75	0	23.77		0.5
DFT-s-OFDM QPSK	1	1	24.31	0	0.0
	1	40	24.01		0.0
	1	77	24.04		0.0
	36	0	23.33	0-1	1.0
	36	22	24.22	0	0.0
	36	43	23.18	0-1	1.0
	75	0	23.25		1.0
DFT-s-OFDM 16QAM	1	1	23.42	0-1	1.0
CP-OFDM QPSK	1	1	22.90	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 88 of 218

Table H-101
NR Band n71 Measured P_{Max} for all DSI - 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	24.50	24.20	24.03	0	0.0
	1	26	24.48	24.11	24.02		0.0
	1	50	24.36	24.02	24.03		0.0
	25	0	23.95	23.64	23.53	0-0.5	0.5
	25	14	24.39	24.11	24.01	0	0.0
	25	27	23.85	23.57	23.40	0-0.5	0.5
	50	0	23.91	23.61	23.46		0.5
DFT-s-OFDM QPSK	1	1	24.33	24.07	23.90	0	0.0
	1	26	24.29	24.01	23.90		0.0
	1	50	24.27	23.97	23.93		0.0
	25	0	23.48	23.24	23.04	0-1	1.0
	25	14	24.42	24.14	24.02	0	0.0
	25	27	23.32	23.04	22.97	0-1	1.0
	50	0	23.40	23.15	22.95		1.0
DFT-s-OFDM 16QAM	1	1	23.45	23.21	23.15	0-1	1.0
CP-OFDM QPSK	1	1	22.91	22.70	22.53	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 89 of 218

Table H-102
NR Band n71 Measured P_{Max} for all DSI - 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	24.70	24.29	24.16	0	0.0
	1	13	24.63	24.26	24.22		0.0
	1	23	24.63	24.15	24.19		0.0
	12	0	24.14	23.71	23.66	0-0.5	0.5
	12	7	24.60	24.24	24.19	0	0.0
	12	13	24.08	23.70	23.60	0-0.5	0.5
	25	0	24.07	23.73	23.67		0.5
DFT-s-OFDM QPSK	1	1	24.63	24.07	24.04	0	0.0
	1	13	24.58	24.11	24.05		0.0
	1	23	24.58	24.03	24.05		0.0
	12	0	23.63	23.21	23.15	0-1	1.0
	12	7	24.52	24.22	24.13	0	0.0
	12	13	23.56	23.16	23.12	0-1	1.0
	25	0	23.55	23.22	23.11		1.0
DFT-s-OFDM 16QAM	1	1	23.56	23.20	23.14	0-1	1.0
CP-OFDM QPSK	1	1	23.08	22.70	22.56	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 90 of 218

H.2.1 NR Band 12

Table H-103
NR Band n12 Measured P_{Max} for all DSI - 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	24.72	0	0.0
	1	26	24.78		0.0
	1	50	24.76		0.0
	25	0	24.31	0-0.5	0.5
	25	14	24.77	0	0.0
	25	27	24.27	0-0.5	0.5
	50	0	24.29		0.5
DFT-s-OFDM QPSK	1	1	24.83	0	0.0
	1	26	24.82		0.0
	1	50	24.77		0.0
	25	0	23.78	0-1	1.0
	25	14	24.79	0	0.0
	25	27	23.85	0-1	1.0
	50	0	23.77		1.0
DFT-s-OFDM 16QAM	1	1	23.76	0-1	1.0
CP-OFDM QPSK	1	1	23.20	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 91 of 218

Table H-104
NR Band n12 Measured P_{Max} for all DSI - 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	24.68	24.63	24.67	0	0.0
	1	13	24.72	24.74	24.65		0.0
	1	23	24.67	24.69	24.56		0.0
	12	0	24.18	24.27	24.14	0-0.5	0.5
	12	7	24.68	24.76	24.63	0	0.0
	12	13	24.11	24.23	24.07	0-0.5	0.5
	25	0	24.26	24.26	24.13		0.5
DFT-s-OFDM QPSK	1	1	24.75	24.75	24.68	0	0.0
	1	13	24.70	24.83	24.65		0.0
	1	23	24.68	24.82	24.59		0.0
	12	0	23.74	23.70	23.70	0-1	1.0
	12	7	24.67	24.71	24.59	0	0.0
	12	13	23.65	23.79	23.64	0-1	1.0
	25	0	23.71	23.79	23.63		1.0
DFT-s-OFDM 16QAM	1	1	22.70	23.72	23.55	0-1	1.0
CP-OFDM QPSK	1	1	23.18	23.16	23.05	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 92 of 218

H.2.1 NR Band 5

Table H-105
NR Band n5 Measured P_{Max} for all DSI - 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	24.84	0	0.0
	1	40	24.92		0.0
	1	77	24.81		0.0
	36	0	24.32	0-0.5	0.5
	36	22	24.91	0	0.0
	36	43	24.42	0-0.5	0.5
	75	0	24.46		0.5
DFT-s-OFDM QPSK	1	1	24.90	0	0.0
	1	40	24.95		0.0
	1	77	24.86		0.0
	36	0	23.86	0-1	1.0
	36	22	24.96	0	0.0
	36	43	23.94	0-1	1.0
	75	0	23.94		1.0
DFT-s-OFDM 16QAM	1	1	23.72	0-1	1.0
CP-OFDM QPSK	1	1	23.38	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 93 of 218

Table H-106
NR Band n5 Measured P_{Max} for all DSI - 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	24.53	0	0.0
	1	26	24.66		0.0
	1	50	24.59		0.0
	25	0	24.04	0-0.5	0.5
	25	14	24.66	0	0.0
	25	27	24.15	0-0.5	0.5
	50	0	24.16		0.5
DFT-s-OFDM QPSK	1	1	24.47	0	0.0
	1	26	24.54		0.0
	1	50	24.46		0.0
	25	0	23.60	0-1	1.0
	25	14	24.69	0	0.0
	25	27	23.70	0-1	1.0
	50	0	23.62		1.0
DFT-s-OFDM 16QAM	1	1	23.57	0-1	1.0
CP-OFDM QPSK	1	1	22.93	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 94 of 218

Table H-107
NR Band n5 Measured P_{Max} for all DSI - 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	24.46	24.62	24.70	0	0.0
	1	13	24.46	24.71	24.67		0.0
	1	23	24.49	24.75	24.75		0.0
	12	0	23.95	24.12	24.12	0-0.5	0.5
	12	7	24.39	24.69	24.57	0	0.0
	12	13	23.99	24.17	24.18	0-0.5	0.5
	25	0	23.97	24.23	24.14		0.5
DFT-s-OFDM QPSK	1	1	24.31	24.56	24.65	0	0.0
	1	13	24.26	24.53	24.70		0.0
	1	23	24.33	24.55	24.73		0.0
	12	0	23.45	23.64	23.65	0-1	1.0
	12	7	24.40	24.70	24.61	0	0.0
	12	13	23.37	23.68	23.70	0-1	1.0
	25	0	23.42	23.74	23.67		1.0
DFT-s-OFDM 16QAM	1	1	23.42	23.68	23.67	0-1	1.0
CP-OFDM QPSK	1	1	23.01	23.05	23.16	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 95 of 218

H.2.1 NR Band 66

Table H-108
NR Band n66 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.63	0	0.0
	1	80	23.86		0.0
	1	158	23.64		0.0
	80	0	23.25	0-0.5	0.5
	80	40	23.70	0	0.0
	80	80	23.22	0-0.5	0.5
	160	0	23.29		0.5
DFT-s-OFDM QPSK	1	1	23.61	0	0.0
	1	80	23.70		0.0
	1	158	23.55		0.0
	80	0	22.80	0-1	1.0
	80	40	23.77	0	0.0
	80	80	22.77	0-1	1.0
	160	0	22.85		1.0
DFT-s-OFDM 16QAM	1	1	22.57	0-1	1.0
CP-OFDM QPSK	1	1	22.37	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 96 of 218

Table H-109
NR Band n66 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.43	23.71	23.49	0	0.0
	1	53	23.39	23.65	23.35		0.0
	1	104	23.56	23.67	23.38		0.0
	50	0	22.97	23.22	22.94	0-0.5	0.5
	50	28	23.45	23.75	23.41	0	0.0
	50	56	23.09	23.16	22.92	0-0.5	0.5
	100	0	23.05	23.16	22.94		0.5
DFT-s-OFDM QPSK	1	1	23.37	23.70	23.53	0	0.0
	1	53	23.37	23.51	23.35		0.0
	1	104	23.55	23.61	23.38		0.0
	50	0	22.52	22.75	22.49	0-1	1.0
	50	28	23.49	23.72	23.41	0	0.0
	50	56	22.61	22.71	22.44	0-1	1.0
	100	0	22.49	22.70	22.45		1.0
DFT-s-OFDM 16QAM	1	1	22.45	22.64	22.51	0-1	1.0
CP-OFDM QPSK	1	1	22.05	22.32	22.01	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 97 of 218

Table H-110
NR Band n66 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.47	23.61	23.37	0	0.0
	1	40	23.43	23.62	23.29		0.0
	1	77	23.59	23.68	23.32		0.0
	36	0	23.04	23.24	22.89	0-0.5	0.5
	36	22	23.56	23.69	23.30	0	0.0
	36	43	23.03	23.22	22.86	0-0.5	0.5
	75	0	23.11	23.10	22.89		0.5
DFT-s-OFDM QPSK	1	1	23.43	23.69	23.33	0	0.0
	1	40	23.43	23.61	23.29		0.0
	1	77	23.69	23.70	23.34		0.0
	36	0	22.56	22.79	22.39	0-1	1.0
	36	22	23.47	23.72	23.38	0	0.0
	36	43	22.54	22.72	22.43	0-1	1.0
	75	0	22.56	22.75	22.41		1.0
DFT-s-OFDM 16QAM	1	1	22.52	22.74	22.43	0-1	1.0
CP-OFDM QPSK	1	1	22.10	22.23	21.92	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 98 of 218

Table H-111
NR Band n66 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.33	23.51	23.09	0	0.0
	1	26	23.41	23.54	23.02		0.0
	1	50	23.41	23.50	23.07		0.0
	25	0	22.84	23.10	22.55	0-0.5	0.5
	25	14	23.38	23.53	23.04	0	0.0
	25	27	22.92	23.03	22.52	0-0.5	0.5
	50	0	22.86	23.10	22.59		0.5
DFT-s-OFDM QPSK	1	1	23.36	23.46	23.03	0	0.0
	1	26	23.36	23.53	22.98		0.0
	1	50	23.40	23.51	23.02		0.0
	25	0	22.42	22.61	22.09	0-1	1.0
	25	14	23.41	23.55	23.07	0	0.0
	25	27	22.39	22.58	22.07	0-1	1.0
	50	0	22.44	22.63	22.11		1.0
DFT-s-OFDM 16QAM	1	1	22.36	22.46	22.15	0-1	1.0
CP-OFDM QPSK	1	1	21.80	21.99	21.62	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 99 of 218

Table H-112
NR Band n66 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.25	23.55	23.20	0	0.0
	1	13	23.28	23.63	23.25		0.0
	1	23	23.31	23.52	23.18		0.0
	12	0	22.80	23.17	22.73	0-0.5	0.5
	12	7	23.29	23.63	23.24	0	0.0
	12	13	22.79	23.09	22.72	0-0.5	0.5
	25	0	22.83	23.13	22.71		0.5
DFT-s-OFDM QPSK	1	1	23.35	23.63	23.24	0	0.0
	1	13	23.40	23.64	23.25		0.0
	1	23	23.34	23.62	23.22		0.0
	12	0	22.31	22.67	22.30	0-1	1.0
	12	7	23.28	23.70	23.24	0	0.0
	12	13	22.33	22.62	22.33	0-1	1.0
	25	0	22.34	22.58	22.27		1.0
DFT-s-OFDM 16QAM	1	1	22.32	22.65	22.23	0-1	1.0
CP-OFDM QPSK	1	1	21.85	22.13	21.78	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 100 of 218

Table H-113

NR Band n66 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.74	0	0.0
	1	80	18.93		0.0
	1	158	18.70		0.0
	80	0	18.89	0-0.5	0.0
	80	40	18.79	0	0.0
	80	80	18.83	0-0.5	0.0
	160	0	18.87		0.0
DFT-s-OFDM QPSK	1	1	18.81	0	0.0
	1	80	18.94		0.0
	1	158	18.71		0.0
	80	0	18.88	0-1	0.0
	80	40	18.86	0	0.0
	80	80	18.86	0-1	0.0
	160	0	18.88		0.0
DFT-s-OFDM 16QAM	1	1	18.76	0-1	0.0
CP-OFDM QPSK	1	1	18.77	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 101 of 218

Table H-114

NR Band n66 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.52	18.83	18.55	0	0.0
	1	53	18.53	18.73	18.51		0.0
	1	104	18.68	18.74	18.41		0.0
	50	0	18.58	18.79	18.63	0-0.5	0.0
	50	28	18.65	18.79	18.57	0	0.0
	50	56	18.66	18.76	18.50	0-0.5	0.0
	100	0	18.68	18.75	18.62		0.0
DFT-s-OFDM QPSK	1	1	18.60	18.82	18.58	0	0.0
	1	53	18.61	18.75	18.56		0.0
	1	104	18.69	18.81	18.45		0.0
	50	0	18.52	18.74	18.64	0-1	0.0
	50	28	18.66	18.76	18.58	0	0.0
	50	56	18.67	18.78	18.50	0-1	0.0
	100	0	18.71	18.77	18.63		0.0
DFT-s-OFDM 16QAM	1	1	18.52	18.73	18.44	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.78	18.62	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 102 of 218

Table H-115

NR Band n66 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.50	18.77	18.50	0	0.0
	1	40	18.51	18.69	18.37		0.0
	1	77	18.71	18.76	18.38		0.0
	36	0	18.55	18.81	18.58	0-0.5	0.0
	36	22	18.53	18.70	18.52	0	0.0
	36	43	18.75	18.72	18.43	0-0.5	0.0
	75	0	18.63	18.84	18.53		0.0
DFT-s-OFDM QPSK	1	1	18.60	18.80	18.60	0	0.0
	1	40	18.53	18.76	18.44		0.0
	1	77	18.72	18.79	18.50		0.0
	36	0	18.58	18.79	18.61	0-1	0.0
	36	22	18.55	18.78	18.57	0	0.0
	36	43	18.69	18.73	18.46	0-1	0.0
	75	0	18.63	18.76	18.59		0.0
DFT-s-OFDM 16QAM	1	1	18.49	18.70	18.52	0-1	0.0
CP-OFDM QPSK	1	1	18.64	18.75	18.58	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 103 of 218

Table H-116

NR Band n66 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.37	18.52	18.41	0	0.0
	1	26	18.45	18.70	18.45		0.0
	1	50	18.46	18.56	18.37		0.0
	25	0	18.36	18.68	18.39	0-0.5	0.0
	25	14	18.44	18.60	18.43	0	0.0
	25	27	18.52	18.61	18.42	0-0.5	0.0
	50	0	18.37	18.57	18.38		0.0
DFT-s-OFDM QPSK	1	1	18.35	18.54	18.37	0	0.0
	1	26	18.40	18.70	18.41		0.0
	1	50	18.50	18.57	18.36		0.0
	25	0	18.37	18.64	18.38	0-1	0.0
	25	14	18.41	18.60	18.42	0	0.0
	25	27	18.48	18.59	18.36	0-1	0.0
	50	0	18.38	18.67	18.40		0.0
DFT-s-OFDM 16QAM	1	1	18.17	18.30	18.37	0-1	0.0
CP-OFDM QPSK	1	1	18.41	18.45	18.44	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 104 of 218

Table H-117

NR Band n66 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	18.28	18.64	18.30	0	0.0
	1	13	18.27	18.59	18.31		0.0
	1	23	18.26	18.57	18.31		0.0
	12	0	18.33	18.63	18.30	0-0.5	0.0
	12	7	18.24	18.58	18.39	0	0.0
	12	13	18.31	18.57	18.37	0-0.5	0.0
	25	0	18.28	18.62	18.36		0.0
DFT-s-OFDM QPSK	1	1	18.32	18.58	18.38	0	0.0
	1	13	18.26	18.63	18.39		0.0
	1	23	18.26	18.63	18.28		0.0
	12	0	18.19	18.57	18.24	0-1	0.0
	12	7	18.31	18.68	18.30	0	0.0
	12	13	18.30	18.68	18.36	0-1	0.0
	25	0	18.28	18.66	18.34		0.0
DFT-s-OFDM 16QAM	1	1	18.26	18.65	18.38	0-1	0.0
CP-OFDM QPSK	1	1	18.21	18.51	18.26	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 105 of 218

Table H-118
NR Band n66 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.83	0	0.0
	1	80	21.98		0.0
	1	158	21.89		0.0
	80	0	21.99	0-0.5	0.0
	80	40	22.00	0	0.0
	80	80	22.00	0-0.5	0.0
	160	0	22.00		0.0
DFT-s-OFDM QPSK	1	1	21.93	0	0.0
	1	80	22.00		0.0
	1	158	21.98		0.0
	80	0	22.00	0-1	0.0
	80	40	22.00	0	0.0
	80	80	22.00	0-1	0.0
	160	0	22.00		0.0
DFT-s-OFDM 16QAM	1	1	21.75	0-1	0.0
CP-OFDM QPSK	1	1	21.98	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 106 of 218

Table H-119
NR Band n66 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.64	21.89	21.89	0	0.0
	1	53	21.68	21.88	21.72		0.0
	1	104	21.88	21.99	21.72		0.0
	50	0	21.79	21.98	21.96	0-0.5	0.0
	50	28	21.81	22.00	21.84	0	0.0
	50	56	21.87	22.00	21.80	0-0.5	0.0
	100	0	21.81	22.00	21.85		0.0
DFT-s-OFDM QPSK	1	1	21.77	21.95	21.94	0	0.0
	1	53	21.76	21.95	21.77		0.0
	1	104	21.93	22.00	21.79		0.0
	50	0	21.79	21.95	21.97	0-1	0.0
	50	28	21.82	22.00	21.82	0	0.0
	50	56	21.86	22.00	21.84	0-1	0.0
	100	0	21.85	22.00	21.88		0.0
DFT-s-OFDM 16QAM	1	1	21.79	21.63	21.71	0-1	0.0
CP-OFDM QPSK	1	1	21.82	22.00	21.94	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 107 of 218

Table H-120
NR Band n66 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.67	21.87	21.61	0	0.0
	1	40	21.71	21.89	21.51		0.0
	1	77	21.87	22.00	21.56		0.0
	36	0	21.82	21.97	21.83	0-0.5	0.0
	36	22	21.81	21.98	21.72	0	0.0
	36	43	21.84	22.00	21.77	0-0.5	0.0
	75	0	21.83	21.99	21.75		0.0
DFT-s-OFDM QPSK	1	1	21.79	21.92	21.78	0	0.0
	1	40	21.78	21.90	21.70		0.0
	1	77	21.94	22.00	21.75		0.0
	36	0	21.85	21.99	21.79	0-1	0.0
	36	22	21.84	22.00	21.74	0	0.0
	36	43	21.87	22.00	21.79	0-1	0.0
	75	0	21.85	22.00	21.83		0.0
DFT-s-OFDM 16QAM	1	1	21.56	21.57	21.53	0-1	0.0
CP-OFDM QPSK	1	1	21.83	22.00	21.87	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 108 of 218

Table H-121
NR Band n66 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.58	21.86	21.74	0	0.0
	1	26	21.60	21.91	21.65		0.0
	1	50	21.63	21.90	21.61		0.0
	25	0	21.64	21.94	21.71	0-0.5	0.0
	25	14	21.62	21.95	21.66	0	0.0
	25	27	21.64	21.96	21.67	0-0.5	0.0
	50	0	21.62	21.90	21.66		0.0
DFT-s-OFDM QPSK	1	1	21.58	21.83	21.76	0	0.0
	1	26	21.63	21.92	21.64		0.0
	1	50	21.65	21.93	21.61		0.0
	25	0	21.64	21.89	21.66	0-1	0.0
	25	14	21.66	21.91	21.65	0	0.0
	25	27	21.70	21.91	21.67	0-1	0.0
	50	0	21.64	21.90	21.70		0.0
DFT-s-OFDM 16QAM	1	1	21.42	21.50	21.47	0-1	0.0
CP-OFDM QPSK	1	1	21.61	21.85	21.79	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 109 of 218

Table H-122
NR Band n66 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.46	21.82	21.59	0	0.0
	1	13	21.53	21.81	21.58		0.0
	1	23	21.50	21.80	21.58		0.0
	12	0	21.48	21.83	21.54	0-0.5	0.0
	12	7	21.49	21.87	21.56	0	0.0
	12	13	21.47	21.86	21.56	0-0.5	0.0
	25	0	21.56	21.90	21.64		0.0
DFT-s-OFDM QPSK	1	1	21.48	21.85	21.60	0	0.0
	1	13	21.53	21.92	21.57		0.0
	1	23	21.50	21.88	21.58		0.0
	12	0	21.47	21.79	21.56	0-1	0.0
	12	7	21.46	21.82	21.56	0	0.0
	12	13	21.48	21.82	21.53	0-1	0.0
	25	0	21.59	21.90	21.60		0.0
DFT-s-OFDM 16QAM	1	1	21.35	21.51	21.32	0-1	0.0
CP-OFDM QPSK	1	1	21.54	21.86	21.58	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 110 of 218

Table H-123

NR Band n66 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.65	0	0.0
	1	80	19.87		0.0
	1	158	19.67		0.0
	80	0	19.82	0-0.5	0.0
	80	40	19.81	0	0.0
	80	80	19.83	0-0.5	0.0
	160	0	19.67		0.0
DFT-s-OFDM QPSK	1	1	19.68	0	0.0
	1	80	19.88		0.0
	1	158	19.74		0.0
	80	0	19.83	0-1	0.0
	80	40	19.85	0	0.0
	80	80	19.86	0-1	0.0
	160	0	19.85		0.0
DFT-s-OFDM 16QAM	1	1	19.73	0-1	0.0
CP-OFDM QPSK	1	1	19.70	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 111 of 218

Table H-124

NR Band n66 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.17	19.65	19.57	0	0.0
	1	53	19.33	19.62	19.55		0.0
	1	104	19.51	19.72	19.55		0.0
	50	0	19.33	19.73	19.67	0-0.5	0.0
	50	28	19.42	19.70	19.63	0	0.0
	50	56	19.54	19.77	19.61	0-0.5	0.0
	100	0	19.42	19.76	19.65		0.0
DFT-s-OFDM QPSK	1	1	19.29	19.68	19.67	0	0.0
	1	53	19.34	19.72	19.55		0.0
	1	104	19.56	19.80	19.51		0.0
	50	0	19.34	19.76	19.64	0-1	0.0
	50	28	19.39	19.73	19.66	0	0.0
	50	56	19.51	19.71	19.61	0-1	0.0
	100	0	19.39	19.73	19.66		0.0
DFT-s-OFDM 16QAM	1	1	19.14	19.78	19.78	0-1	0.0
CP-OFDM QPSK	1	1	19.32	19.70	19.71	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 112 of 218

Table H-125

NR Band n66 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.46	19.71	19.58	0	0.0
	1	40	19.47	19.74	19.56		0.0
	1	77	19.53	19.77	19.60		0.0
	36	0	19.40	19.80	19.63	0-0.5	0.0
	36	22	19.50	19.80	19.61	0	0.0
	36	43	19.57	19.84	19.65	0-0.5	0.0
	75	0	19.57	19.83	19.69		0.0
DFT-s-OFDM QPSK	1	1	19.39	19.78	19.66	0	0.0
	1	40	19.47	19.73	19.61		0.0
	1	77	19.58	19.84	19.68		0.0
	36	0	19.35	19.81	19.63	0-1	0.0
	36	22	19.53	19.74	19.65	0	0.0
	36	43	19.57	19.79	19.63	0-1	0.0
	75	0	19.50	19.80	19.68		0.0
DFT-s-OFDM 16QAM	1	1	19.34	19.77	19.66	0-1	0.0
CP-OFDM QPSK	1	1	19.37	19.80	19.71	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 113 of 218

Table H-126

NR Band n66 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.26	19.57	19.52	0	0.0
	1	26	19.40	19.69	19.52		0.0
	1	50	19.32	19.72	19.49		0.0
	25	0	19.34	19.72	19.53	0-0.5	0.0
	25	14	19.24	19.69	19.49	0	0.0
	25	27	19.36	19.70	19.46	0-0.5	0.0
	50	0	19.37	19.68	19.47		0.0
DFT-s-OFDM QPSK	1	1	19.31	19.55	19.54	0	0.0
	1	26	19.38	19.73	19.53		0.0
	1	50	19.33	19.68	19.47		0.0
	25	0	19.29	19.67	19.53	0-1	0.0
	25	14	19.36	19.61	19.49	0	0.0
	25	27	19.37	19.71	19.47	0-1	0.0
	50	0	19.35	19.63	19.50		0.0
DFT-s-OFDM 16QAM	1	1	19.20	19.64	19.38	0-1	0.0
CP-OFDM QPSK	1	1	19.34	19.62	19.45	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 114 of 218

Table H-127

NR Band n66 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.17	19.66	19.41	0	0.0
	1	13	19.21	19.71	19.46		0.0
	1	23	19.22	19.69	19.40		0.0
	12	0	19.21	19.71	19.45	0-0.5	0.0
	12	7	19.26	19.72	19.45	0	0.0
	12	13	19.24	19.74	19.44	0-0.5	0.0
	25	0	19.22	19.66	19.42		0.0
DFT-s-OFDM QPSK	1	1	19.21	19.68	19.45	0	0.0
	1	13	19.22	19.70	19.44		0.0
	1	23	19.17	19.73	19.45		0.0
	12	0	19.21	19.64	19.39	0-1	0.0
	12	7	19.18	19.70	19.44	0	0.0
	12	13	19.20	19.73	19.41	0-1	0.0
	25	0	19.17	19.67	19.41		0.0
DFT-s-OFDM 16QAM	1	1	19.10	19.75	19.46	0-1	0.0
CP-OFDM QPSK	1	1	19.19	19.75	19.46	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 115 of 218

H.2.1 NR Band 25

Table H-128
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.24	0	0.0
	1	80	23.30		0.0
	1	158	23.04		0.0
	80	0	22.81	0-0.5	0.5
	80	40	23.28	0	0.0
	80	80	22.75	0-0.5	0.5
	160	0	22.78		0.5
DFT-s-OFDM QPSK	1	1	23.23	0	0.0
	1	80	23.32		0.0
	1	158	23.00		0.0
	80	0	22.38	0-1	1.0
	80	40	23.28	0	0.0
	80	80	22.29	0-1	1.0
	160	0	22.32		1.0
DFT-s-OFDM 16QAM	1	1	21.94	0-1	1.0
CP-OFDM QPSK	1	1	21.60	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 116 of 218

Table H-129
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	23.26	0	0.0
	1	67	23.13		0.0
	1	131	23.16		0.0
	64	0	22.95	0-0.5	0.5
	64	35	23.40	0	0.0
	64	69	22.91	0-0.5	0.5
	128	0	22.96		0.5
DFT-s-OFDM QPSK	1	1	23.28	0	0.0
	1	67	23.21		0.0
	1	131	23.21		0.0
	64	0	22.43	0-1	1.0
	64	35	23.46	0	0.0
	64	69	22.41	0-1	1.0
	128	0	22.48		1.0
DFT-s-OFDM 16QAM	1	1	22.03	0-1	1.0
CP-OFDM QPSK	1	1	21.91	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 117 of 218

Table H-130
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	23.13	23.14	23.02	0	0.0
	1	53	23.26	23.13	23.00		0.0
	1	104	23.25	23.05	22.93		0.0
	50	0	22.87	22.70	22.70	0-0.5	0.5
	50	28	23.36	23.17	23.21	0	0.0
	50	56	22.85	22.72	22.64	0-0.5	0.5
	100	0	22.86	22.70	22.75		0.5
DFT-s-OFDM QPSK	1	1	23.17	23.01	23.02	0	0.0
	1	53	23.26	23.00	23.01		0.0
	1	104	23.24	22.93	22.93		0.0
	50	0	22.47	22.23	22.29	0-1	1.0
	50	28	23.40	23.22	23.26	0	0.0
	50	56	22.43	22.21	22.14	0-1	1.0
	100	0	22.41	22.25	22.26		1.0
DFT-s-OFDM 16QAM	1	1	22.07	21.87	22.42	0-1	1.0
CP-OFDM QPSK	1	1	21.80	21.74	21.65	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 118 of 218

Table H-131
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	23.34	23.28	23.03	0	0.0
	1	40	23.38	23.20	22.96		0.0
	1	77	23.39	23.24	22.97		0.0
	36	0	22.92	22.85	22.67	0-0.5	0.5
	36	22	23.50	23.33	23.20	0	0.0
	36	43	23.02	22.86	22.61	0-0.5	0.5
	75	0	23.04	22.89	22.73		0.5
DFT-s-OFDM QPSK	1	1	23.33	23.24	23.02	0	0.0
	1	40	23.32	23.15	22.87		0.0
	1	77	23.31	23.14	22.92		0.0
	36	0	22.42	22.41	22.27	0-1	1.0
	36	22	23.53	23.38	23.25	0	0.0
	36	43	22.52	22.40	22.17	0-1	1.0
	75	0	22.53	22.40	22.29		1.0
DFT-s-OFDM 16QAM	1	1	22.57	22.55	22.40	0-1	1.0
CP-OFDM QPSK	1	1	21.88	21.85	21.69	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 119 of 218

Table H-132
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	23.03	23.03	22.86	0	0.0
	1	26	23.08	23.09	22.88		0.0
	1	50	23.00	22.98	22.85		0.0
	25	0	22.66	22.71	22.48	0-0.5	0.5
	25	14	23.12	23.21	22.97	0	0.0
	25	27	22.70	22.71	22.37	0-0.5	0.5
	50	0	22.66	22.69	22.50		0.5
DFT-s-OFDM QPSK	1	1	23.05	23.05	22.78	0	0.0
	1	26	23.03	23.06	22.80		0.0
	1	50	23.00	23.06	22.71		0.0
	25	0	22.25	22.32	22.04	0-1	1.0
	25	14	23.23	23.28	23.02	0	0.0
	25	27	22.26	22.28	21.95	0-1	1.0
	50	0	22.33	22.29	22.00		1.0
DFT-s-OFDM 16QAM	1	1	22.47	22.55	22.24	0-1	1.0
CP-OFDM QPSK	1	1	21.61	21.61	21.34	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 120 of 218

Table H-133
NR Band n25 Antenna B Measured P_{Max} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 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	23.11	23.30	22.94	0	0.0
	1	13	23.05	23.24	22.84		0.0
	1	23	23.13	23.31	22.83		0.0
	12	0	22.68	22.81	22.56	0-0.5	0.5
	12	7	23.17	23.28	22.98	0	0.0
	12	13	22.67	22.83	22.47	0-0.5	0.5
	25	0	22.68	22.81	22.47		0.5
DFT-s-OFDM QPSK	1	1	23.10	23.20	22.90	0	0.0
	1	13	23.05	23.12	22.79		0.0
	1	23	23.08	23.16	22.83		0.0
	12	0	22.25	22.35	22.13	0-1	1.0
	12	7	23.22	23.30	23.01	0	0.0
	12	13	22.22	22.34	22.02	0-1	1.0
	25	0	22.25	22.34	22.00		1.0
DFT-s-OFDM 16QAM	1	1	22.49	22.62	22.38	0-1	1.0
CP-OFDM QPSK	1	1	21.69	21.80	21.43	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 121 of 218

Table H-134

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.64	0	0.0
	1	80	17.70		0.0
	1	158	17.44		0.0
	80	0	17.63	0-0.5	0.0
	80	40	17.63	0	0.0
	80	80	17.63	0-0.5	0.0
	160	0	17.67		0.0
DFT-s-OFDM QPSK	1	1	17.81	0	0.0
	1	80	17.84		0.0
	1	158	17.57		0.0
	80	0	17.76	0-1	0.0
	80	40	17.72	0	0.0
	80	80	17.70	0-1	0.0
	160	0	17.78		0.0
DFT-s-OFDM 16QAM	1	1	17.85	0-1	0.0
CP-OFDM QPSK	1	1	17.78	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 122 of 218

Table H-135

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.87	0	0.0
	1	67	17.78		0.0
	1	131	17.76		0.0
	64	0	17.89	0-0.5	0.0
	64	35	17.91	0	0.0
	64	69	17.86	0-0.5	0.0
	128	0	17.89		0.0
DFT-s-OFDM QPSK	1	1	17.91	0	0.0
	1	67	17.85		0.0
	1	131	17.78		0.0
	64	0	17.90	0-1	0.0
	64	35	17.88	0	0.0
	64	69	17.89	0-1	0.0
	128	0	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.91	0-1	0.0
CP-OFDM QPSK	1	1	17.96	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 123 of 218

Table H-136

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.51	17.64	17.54	0	0.0
	1	53	17.56	17.58	17.50		0.0
	1	104	17.58	17.54	17.36		0.0
	50	0	17.63	17.68	17.58	0-0.5	0.0
	50	28	17.61	17.68	17.56	0	0.0
	50	56	17.59	17.66	17.47	0-0.5	0.0
	100	0	17.61	17.67	17.55		0.0
DFT-s-OFDM QPSK	1	1	17.51	17.69	17.58	0	0.0
	1	53	17.59	17.65	17.55		0.0
	1	104	17.62	17.59	17.45		0.0
	50	0	17.65	17.67	17.62	0-1	0.0
	50	28	17.66	17.70	17.61	0	0.0
	50	56	17.61	17.66	17.47	0-1	0.0
	100	0	17.61	17.69	17.62		0.0
DFT-s-OFDM 16QAM	1	1	17.55	17.71	17.58	0-1	0.0
CP-OFDM QPSK	1	1	17.61	17.66	17.69	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 124 of 218

Table H-137

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.65	17.69	17.52	0	0.0
	1	40	17.62	17.63	17.40		0.0
	1	77	17.68	17.64	17.39		0.0
	36	0	17.62	17.74	17.56	0-0.5	0.0
	36	22	17.74	17.71	17.60	0	0.0
	36	43	17.70	17.68	17.47	0-0.5	0.0
	75	0	17.74	17.70	17.59		0.0
DFT-s-OFDM QPSK	1	1	17.72	17.71	17.57	0	0.0
	1	40	17.69	17.67	17.45		0.0
	1	77	17.73	17.62	17.45		0.0
	36	0	17.61	17.73	17.57	0-1	0.0
	36	22	17.73	17.67	17.59	0	0.0
	36	43	17.72	17.66	17.44	0-1	0.0
	75	0	17.73	17.69	17.55		0.0
DFT-s-OFDM 16QAM	1	1	17.62	17.79	17.59	0-1	0.0
CP-OFDM QPSK	1	1	17.72	17.80	17.60	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 125 of 218

Table H-138

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.50	17.54	17.27	0	0.0
	1	26	17.53	17.52	17.25		0.0
	1	50	17.46	17.49	17.10		0.0
	25	0	17.58	17.59	17.30	0-0.5	0.0
	25	14	17.54	17.57	17.32	0	0.0
	25	27	17.53	17.54	17.21	0-0.5	0.0
	50	0	17.55	17.55	17.31		0.0
DFT-s-OFDM QPSK	1	1	17.60	17.54	17.27	0	0.0
	1	26	17.56	17.54	17.30		0.0
	1	50	17.48	17.49	17.19		0.0
	25	0	17.59	17.55	17.32	0-1	0.0
	25	14	17.54	17.51	17.32	0	0.0
	25	27	17.55	17.54	17.18	0-1	0.0
	50	0	17.56	17.53	17.30		0.0
DFT-s-OFDM 16QAM	1	1	17.50	17.55	17.36	0-1	0.0
CP-OFDM QPSK	1	1	17.55	17.55	17.32	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 126 of 218

Table H-139

NR Band n25 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	17.54	17.60	17.24	0	0.0
	1	13	17.46	17.54	17.15		0.0
	1	23	17.45	17.55	17.16		0.0
	12	0	17.52	17.55	17.29	0-0.5	0.0
	12	7	17.51	17.48	17.19	0	0.0
	12	13	17.49	17.54	17.19	0-0.5	0.0
	25	0	17.46	17.58	17.17		0.0
DFT-s-OFDM QPSK	1	1	17.52	17.57	17.25	0	0.0
	1	13	17.45	17.51	17.18		0.0
	1	23	17.54	17.59	17.18		0.0
	12	0	17.49	17.61	17.27	0-1	0.0
	12	7	17.47	17.57	17.12	0	0.0
	12	13	17.48	17.58	17.12	0-1	0.0
	25	0	17.51	17.54	17.14		0.0
DFT-s-OFDM 16QAM	1	1	17.46	17.66	17.32	0-1	0.0
CP-OFDM QPSK	1	1	17.53	17.61	17.25	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 127 of 218

Table H-140
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.11	0	0.0
	1	80	22.35		0.0
	1	158	22.30		0.0
	80	0	22.33	0-0.5	0.0
	80	40	22.30	0	0.0
	80	80	22.36	0-0.5	0.0
	160	0	22.30		0.0
DFT-s-OFDM QPSK	1	1	22.09	0	0.0
	1	80	22.34		0.0
	1	158	22.29		0.0
	80	0	22.31	0-1	0.0
	80	40	22.37	0	0.0
	80	80	22.40	0-1	0.0
	160	0	22.38		0.0
DFT-s-OFDM 16QAM	1	1	22.01	0-1	0.0
CP-OFDM QPSK	1	1	22.31	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 128 of 218

**Table H-141
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	22.29	0	0.0
	1	67	22.38		0.0
	1	131	22.33		0.0
	64	0	22.50	0-0.5	0.0
	64	35	22.50	0	0.0
	64	69	22.50	0-0.5	0.0
	128	0	22.50		0.0
DFT-s-OFDM QPSK	1	1	22.44	0	0.0
	1	67	22.50		0.0
	1	131	22.50		0.0
	64	0	22.50	0-1	0.0
	64	35	22.50	0	0.0
	64	69	22.50	0-1	0.0
	128	0	22.50		0.0
DFT-s-OFDM 16QAM	1	1	22.19	0-1	0.0
CP-OFDM QPSK	1	1	22.46	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 129 of 218

Table H-142
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.86	22.25	22.25	0	0.0
	1	53	22.01	22.28	22.11		0.0
	1	104	22.14	22.30	22.19		0.0
	50	0	22.09	22.35	22.40	0-0.5	0.0
	50	28	22.14	22.37	22.50	0	0.0
	50	56	22.27	22.37	22.49	0-0.5	0.0
	100	0	22.16	22.38	22.50		0.0
DFT-s-OFDM QPSK	1	1	21.98	22.31	22.45	0	0.0
	1	53	22.13	22.30	22.40		0.0
	1	104	22.20	22.05	22.43		0.0
	50	0	22.10	22.33	22.50	0-1	0.0
	50	28	22.19	22.40	22.50	0	0.0
	50	56	22.27	22.38	22.49	0-1	0.0
	100	0	22.16	22.37	22.50		0.0
DFT-s-OFDM 16QAM	1	1	21.82	22.08	22.29	0-1	0.0
CP-OFDM QPSK	1	1	22.02	22.37	22.47	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 130 of 218

Table H-143
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.96	22.34	22.26	0	0.0
	1	40	22.05	22.42	22.23		0.0
	1	77	22.08	22.37	22.25		0.0
	36	0	22.12	22.40	22.40	0-0.5	0.0
	36	22	22.13	22.38	22.40	0	0.0
	36	43	22.13	22.39	22.40	0-0.5	0.0
	75	0	22.16	22.35	22.50		0.0
DFT-s-OFDM QPSK	1	1	22.06	22.40	22.43	0	0.0
	1	40	22.14	22.38	22.45		0.0
	1	77	22.27	22.40	22.40		0.0
	36	0	22.17	22.40	22.49	0-1	0.0
	36	22	22.13	22.40	22.50	0	0.0
	36	43	22.16	22.40	22.50	0-1	0.0
	75	0	22.21	22.41	22.49		0.0
DFT-s-OFDM 16QAM	1	1	21.91	22.23	22.37	0-1	0.0
CP-OFDM QPSK	1	1	21.96	22.48	22.26	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 131 of 218

Table H-144
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.97	22.16	22.20	0	0.0
	1	26	21.96	22.23	22.22		0.0
	1	50	21.93	22.23	22.26		0.0
	25	0	22.00	22.30	22.30	0-0.5	0.0
	25	14	22.01	22.29	22.36	0	0.0
	25	27	21.98	22.24	22.35	0-0.5	0.0
	50	0	22.00	22.28	22.34		0.0
DFT-s-OFDM QPSK	1	1	21.95	22.17	22.29	0	0.0
	1	26	22.01	22.28	22.29		0.0
	1	50	21.90	22.24	22.27		0.0
	25	0	21.98	22.26	22.32	0-1	0.0
	25	14	22.01	22.25	22.32	0	0.0
	25	27	21.99	22.30	22.31	0-1	0.0
	50	0	22.00	22.26	22.31		0.0
DFT-s-OFDM 16QAM	1	1	21.84	22.00	22.22	0-1	0.0
CP-OFDM QPSK	1	1	21.91	22.07	22.24	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 132 of 218

Table H-145
NR Band n25 Antenna F Measured P_{limit} for DSI = 4/5 (Head) - 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	21.86	22.31	22.28	0	0.0
	1	13	21.82	22.27	22.27		0.0
	1	23	21.89	22.31	22.14		0.0
	12	0	21.85	22.23	22.24	0-0.5	0.0
	12	7	21.81	22.22	22.25	0	0.0
	12	13	21.84	22.24	22.25	0-0.5	0.0
	25	0	21.90	22.27	22.32		0.0
DFT-s-OFDM QPSK	1	1	21.91	22.31	22.29	0	0.0
	1	13	21.88	22.30	22.30		0.0
	1	23	21.92	22.34	22.26		0.0
	12	0	21.82	22.22	22.26	0-1	0.0
	12	7	21.82	22.22	22.24	0	0.0
	12	13	21.88	22.25	22.20	0-1	0.0
	25	0	21.87	22.25	22.28		0.0
DFT-s-OFDM 16QAM	1	1	21.80	22.17	22.12	0-1	0.0
CP-OFDM QPSK	1	1	21.86	22.40	22.31	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 133 of 218

Table H-146

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.72	0	0.0
	1	80	19.84		0.0
	1	158	19.63		0.0
	80	0	19.78	0-0.5	0.0
	80	40	19.76	0	0.0
	80	80	19.74	0-0.5	0.0
	160	0	19.78		0.0
DFT-s-OFDM QPSK	1	1	19.79	0	0.0
	1	80	19.94		0.0
	1	158	19.75		0.0
	80	0	19.77	0-1	0.0
	80	40	19.80	0	0.0
	80	80	19.86	0-1	0.0
	160	0	19.86		0.0
DFT-s-OFDM 16QAM	1	1	19.74	0-1	0.0
CP-OFDM QPSK	1	1	19.77	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 134 of 218

Table H-147

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.79	0	0.0
	1	67	19.82		0.0
	1	131	19.66		0.0
	64	0	19.82	0-0.5	0.0
	64	35	19.84	0	0.0
	64	69	19.84	0-0.5	0.0
	128	0	19.87		0.0
DFT-s-OFDM QPSK	1	1	19.81	0	0.0
	1	67	19.83		0.0
	1	131	19.73		0.0
	64	0	19.83	0-1	0.0
	64	35	19.90	0	0.0
	64	69	19.91	0-1	0.0
	128	0	19.87		0.0
DFT-s-OFDM 16QAM	1	1	19.82	0-1	0.0
CP-OFDM QPSK	1	1	19.85	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 135 of 218

Table H-148

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.70	19.68	19.72	0	0.0
	1	53	19.66	19.74	19.65		0.0
	1	104	19.67	19.72	19.42		0.0
	50	0	19.70	19.76	19.80	0-0.5	0.0
	50	28	19.73	19.77	19.71	0	0.0
	50	56	19.75	19.79	19.71	0-0.5	0.0
	100	0	19.72	19.77	19.66		0.0
DFT-s-OFDM QPSK	1	1	19.65	19.68	19.75	0	0.0
	1	53	19.74	19.72	19.61		0.0
	1	104	19.72	19.73	19.50		0.0
	50	0	19.74	19.75	19.79	0-1	0.0
	50	28	19.76	19.74	19.66	0	0.0
	50	56	19.75	19.78	19.61	0-1	0.0
	100	0	19.74	19.75	19.67		0.0
DFT-s-OFDM 16QAM	1	1	19.77	19.66	19.70	0-1	0.0
CP-OFDM QPSK	1	1	19.64	19.80	19.82	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 136 of 218

Table H-149

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.76	19.74	19.72	0	0.0
	1	40	19.68	19.68	19.59		0.0
	1	77	19.67	19.74	19.41		0.0
	36	0	19.71	19.80	19.75	0-0.5	0.0
	36	22	19.77	19.75	19.66	0	0.0
	36	43	19.75	19.77	19.66	0-0.5	0.0
	75	0	19.79	19.80	19.63		0.0
DFT-s-OFDM QPSK	1	1	19.77	19.77	19.74	0	0.0
	1	40	19.75	19.70	19.58		0.0
	1	77	19.73	19.77	19.47		0.0
	36	0	19.74	19.74	19.76	0-1	0.0
	36	22	19.76	19.75	19.63	0	0.0
	36	43	19.74	19.78	19.63	0-1	0.0
	75	0	19.74	19.76	19.65		0.0
DFT-s-OFDM 16QAM	1	1	19.81	19.73	19.73	0-1	0.0
CP-OFDM QPSK	1	1	19.79	19.80	19.79	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 137 of 218

Table H-150

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.50	19.55	19.52	0	0.0
	1	26	19.57	19.60	19.33		0.0
	1	50	19.48	19.48	19.32		0.0
	25	0	19.58	19.60	19.40	0-0.5	0.0
	25	14	19.55	19.61	19.42	0	0.0
	25	27	19.50	19.63	19.39	0-0.5	0.0
	50	0	19.55	19.62	19.39		0.0
DFT-s-OFDM QPSK	1	1	19.53	19.59	19.47	0	0.0
	1	26	19.56	19.59	19.38		0.0
	1	50	19.47	19.51	19.36		0.0
	25	0	19.52	19.60	19.38	0-1	0.0
	25	14	19.57	19.61	19.38	0	0.0
	25	27	19.56	19.62	19.40	0-1	0.0
	50	0	19.58	19.60	19.39		0.0
DFT-s-OFDM 16QAM	1	1	19.46	19.64	19.58	0-1	0.0
CP-OFDM QPSK	1	1	19.48	19.57	19.45	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 138 of 218

Table H-151

NR Band n25 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.47	19.63	19.33	0	0.0
	1	13	19.46	19.61	19.34		0.0
	1	23	19.48	19.64	19.31		0.0
	12	0	19.45	19.65	19.35	0-0.5	0.0
	12	7	19.47	19.62	19.30	0	0.0
	12	13	19.48	19.65	19.32	0-0.5	0.0
	25	0	19.44	19.62	19.31		0.0
DFT-s-OFDM QPSK	1	1	19.49	19.60	19.34	0	0.0
	1	13	19.48	19.59	19.34		0.0
	1	23	19.47	19.64	19.30		0.0
	12	0	19.46	19.60	19.34	0-1	0.0
	12	7	19.44	19.59	19.33	0	0.0
	12	13	19.41	19.61	19.34	0-1	0.0
	25	0	19.46	19.63	19.27		0.0
DFT-s-OFDM 16QAM	1	1	19.46	19.69	19.38	0-1	0.0
CP-OFDM QPSK	1	1	19.57	19.66	19.32	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 139 of 218

H.2.1 NR Band 30

Table H-152
NR Band n30 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 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	21.46	0	0.0
	1	13	21.52		0.0
	1	23	21.47		0.0
	12	0	21.50	0-0.5	0.0
	12	7	21.56	0	0.0
	12	13	21.48	0-0.5	0.0
	25	0	21.55		0.0
DFT-s-OFDM QPSK	1	1	21.53	0	0.0
	1	13	21.55		0.0
	1	23	21.48		0.0
	12	0	21.49	0-1	0.0
	12	7	21.53	0	0.0
	12	13	21.47	0-1	0.0
	25	0	21.48		0.0
DFT-s-OFDM 16QAM	1	1	21.74	0-1	0.0
CP-OFDM QPSK	1	1	21.02	0-1.5	0.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 140 of 218

Table H-153

NR Band n30 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	15.29	0	0.0
	1	13	15.31		0.0
	1	23	15.24		0.0
	12	0	15.28	0-0.5	0.0
	12	7	15.30	0	0.0
	12	13	15.28	0-0.5	0.0
	25	0	15.28		0.0
DFT-s-OFDM QPSK	1	1	15.23	0	0.0
	1	13	15.31		0.0
	1	23	15.25		0.0
	12	0	15.27	0-1	0.0
	12	7	15.30	0	0.0
	12	13	15.27	0-1	0.0
	25	0	15.26		0.0
DFT-s-OFDM 16QAM	1	1	15.29	0-1	0.0
CP-OFDM QPSK	1	1	15.26	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 141 of 218

Table H-154
NR Band n30 Antenna F Measured P_{max} for DSI = 4/5 (Head) - 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	21.92	0	0.0
	1	13	21.97		0.0
	1	23	21.92		0.0
	12	0	21.50	0-0.5	0.5
	12	7	22.04	0	0.0
	12	13	21.50	0-0.5	0.5
	25	0	21.53		0.5
DFT-s-OFDM QPSK	1	1	21.97	0	0.0
	1	13	21.99		0.0
	1	23	21.89		0.0
	12	0	21.05	0-1	1.0
	12	7	22.09	0	0.0
	12	13	21.02	0-1	1.0
	25	0	21.01		1.0
DFT-s-OFDM 16QAM	1	1	21.08	0-1	1.0
CP-OFDM QPSK	1	1	20.53	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 142 of 218

Table H-155

NR Band n30 Antenna F Measured P_{limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (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	19.61	0	0.0
	1	13	19.57		0.0
	1	23	19.60		0.0
	12	0	19.65	0-0.5	0.0
	12	7	19.64	0	0.0
	12	13	19.59	0-0.5	0.0
	25	0	19.51		0.0
DFT-s-OFDM QPSK	1	1	19.69	0	0.0
	1	13	19.64		0.0
	1	23	19.52		0.0
	12	0	19.66	0-1	0.0
	12	7	19.70	0	0.0
	12	13	19.66	0-1	0.0
	25	0	19.69		0.0
DFT-s-OFDM 16QAM	1	1	19.71	0-1	0.0
CP-OFDM QPSK	1	1	19.66	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 143 of 218

H.2.1 NR Band 7

Table H-156
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.24	0	0.0
	1	80	21.03		0.0
	1	158	21.35		0.0
	80	0	21.26	0-0.5	0.0
	80	40	21.12	0	0.0
	80	80	21.17	0-0.5	0.0
	160	0	21.28		0.0
DFT-s-OFDM QPSK	1	1	21.47	0	0.0
	1	80	21.27		0.0
	1	158	21.47		0.0
	80	0	21.28	0-1	0.0
	80	40	21.27	0	0.0
	80	80	21.27	0-1	0.0
	160	0	21.46		0.0
DFT-s-OFDM 16QAM	1	1	21.49	0-1	0.0
CP-OFDM QPSK	1	1	21.42	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 144 of 218

Table H-157
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.30	0	0.0
	1	67	21.18		0.0
	1	131	21.32		0.0
	64	0	21.27	0-0.5	0.0
	64	35	21.22	0	0.0
	64	69	21.16	0-0.5	0.0
	128	0	21.22		0.0
DFT-s-OFDM QPSK	1	1	21.34	0	0.0
	1	67	21.25		0.0
	1	131	21.37		0.0
	64	0	21.22	0-1	0.0
	64	35	21.26	0	0.0
	64	69	21.20	0-1	0.0
	128	0	21.11		0.0
DFT-s-OFDM 16QAM	1	1	21.30	0-1	0.0
CP-OFDM QPSK	1	1	21.37	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 145 of 218

Table H-158
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.51	21.13	21.38	0	0.0
	1	53	21.57	21.09	21.52		0.0
	1	104	21.31	21.13	21.65		0.0
	50	0	21.59	21.15	21.53	0-0.5	0.0
	50	28	21.53	21.17	21.57	0	0.0
	50	56	21.48	21.17	21.70	0-0.5	0.0
	100	0	21.57	21.09	21.60		0.0
DFT-s-OFDM QPSK	1	1	21.46	21.18	21.41	0	0.0
	1	53	21.61	21.17	21.63		0.0
	1	104	21.40	21.18	21.71		0.0
	50	0	21.63	21.23	21.54	0-1	0.0
	50	28	21.62	21.10	21.62	0	0.0
	50	56	21.47	21.12	21.72	0-1	0.0
	100	0	21.62	21.15	21.58		0.0
DFT-s-OFDM 16QAM	1	1	21.74	21.22	21.45	0-1	0.0
CP-OFDM QPSK	1	1	20.75	21.14	21.41	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 146 of 218

Table H-159
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.52	21.16	21.57	0	0.0
	1	40	21.53	21.07	21.61		0.0
	1	77	21.47	21.07	21.79		0.0
	36	0	21.59	21.14	21.75	0-0.5	0.0
	36	22	21.55	21.08	21.76	0	0.0
	36	43	21.41	21.19	21.80	0-0.5	0.0
	75	0	21.53	21.16	21.81		0.0
DFT-s-OFDM QPSK	1	1	21.61	21.23	21.57	0	0.0
	1	40	21.54	21.12	21.75		0.0
	1	77	21.50	21.21	21.88		0.0
	36	0	21.55	21.16	21.70	0-1	0.0
	36	22	21.55	21.10	21.73	0	0.0
	36	43	21.51	21.22	21.82	0-1	0.0
	75	0	21.60	21.22	21.75		0.0
DFT-s-OFDM 16QAM	1	1	21.70	21.20	21.54	0-1	0.0
CP-OFDM QPSK	1	1	20.49	21.16	21.56	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 147 of 218

Table H-160
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.40	21.09	21.45	0	0.0
	1	26	21.49	21.10	21.53		0.0
	1	50	21.45	21.15	21.56		0.0
	25	0	21.50	21.05	21.43	0-0.5	0.0
	25	14	21.46	21.01	21.50	0	0.0
	25	27	21.40	20.97	21.62	0-0.5	0.0
	50	0	21.40	21.03	21.58		0.0
DFT-s-OFDM QPSK	1	1	21.42	21.09	21.46	0	0.0
	1	26	21.50	21.12	21.60		0.0
	1	50	21.48	21.19	21.61		0.0
	25	0	21.44	21.04	21.46	0-1	0.0
	25	14	21.46	21.05	21.50	0	0.0
	25	27	21.38	20.99	21.64	0-1	0.0
	50	0	21.42	21.00	21.49		0.0
DFT-s-OFDM 16QAM	1	1	21.63	21.17	21.46	0-1	0.0
CP-OFDM QPSK	1	1	21.28	21.07	21.37	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 148 of 218

Table H-161
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0/1 (Body-worn, or Phablet/UMPC with grip sensor inactive), or DSI = 4/5 (Head) – 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.58	21.08	21.62	0	0.0
	1	13	21.72	21.09	21.73		0.0
	1	23	21.69	21.06	21.72		0.0
	12	0	21.65	21.08	21.53	0-0.5	0.0
	12	7	21.66	21.07	21.67	0	0.0
	12	13	21.77	21.06	21.76	0-0.5	0.0
	25	0	21.66	21.04	21.66		0.0
DFT-s-OFDM QPSK	1	1	21.68	21.11	21.64	0	0.0
	1	13	21.73	21.12	21.77		0.0
	1	23	21.68	21.07	21.67		0.0
	12	0	21.66	21.05	21.55	0-1	0.0
	12	7	21.71	21.03	21.70	0	0.0
	12	13	21.75	21.12	21.67	0-1	0.0
	25	0	21.66	21.02	21.68		0.0
DFT-s-OFDM 16QAM	1	1	21.72	21.16	21.63	0-1	0.0
CP-OFDM QPSK	1	1	21.30	20.98	21.68	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 149 of 218

Table H-162

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.04	0	0.0
	1	80	16.90		0.0
	1	158	17.08		0.0
	80	0	16.93	0-0.5	0.0
	80	40	16.87	0	0.0
	80	80	16.88	0-0.5	0.0
	160	0	16.96		0.0
DFT-s-OFDM QPSK	1	1	17.15	0	0.0
	1	80	16.83		0.0
	1	158	17.00		0.0
	80	0	16.92	0-1	0.0
	80	40	16.83	0	0.0
	80	80	16.83	0-1	0.0
	160	0	16.97		0.0
DFT-s-OFDM 16QAM	1	1	16.97	0-1	0.0
CP-OFDM QPSK	1	1	17.11	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 150 of 218

Table H-163

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.80	0	0.0
	1	67	16.73		0.0
	1	131	16.89		0.0
	64	0	16.86	0-0.5	0.0
	64	35	16.73	0	0.0
	64	69	16.74	0-0.5	0.0
	128	0	16.73		0.0
DFT-s-OFDM QPSK	1	1	16.82	0	0.0
	1	67	16.73		0.0
	1	131	16.95		0.0
	64	0	16.76	0-1	0.0
	64	35	16.78	0	0.0
	64	69	16.76	0-1	0.0
	128	0	16.79		0.0
DFT-s-OFDM 16QAM	1	1	16.80	0-1	0.0
CP-OFDM QPSK	1	1	16.90	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 151 of 218

Table H-164

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.06	16.63	16.84	0	0.0
	1	53	17.07	16.56	17.09		0.0
	1	104	16.89	16.68	17.22		0.0
	50	0	17.19	16.68	17.09	0-0.5	0.0
	50	28	17.08	16.67	17.18	0	0.0
	50	56	16.98	16.65	17.28	0-0.5	0.0
	100	0	17.14	16.63	17.14		0.0
DFT-s-OFDM QPSK	1	1	16.97	16.59	16.81	0	0.0
	1	53	17.14	16.52	16.98		0.0
	1	104	16.87	16.63	17.24		0.0
	50	0	17.14	16.72	17.03	0-1	0.0
	50	28	17.18	16.61	17.16	0	0.0
	50	56	16.94	16.68	17.26	0-1	0.0
	100	0	17.12	16.67	17.12		0.0
DFT-s-OFDM 16QAM	1	1	16.80	16.71	17.13	0-1	0.0
CP-OFDM QPSK	1	1	17.14	16.66	16.95	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 152 of 218

Table H-165

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.11	16.65	17.05	0	0.0
	1	40	16.92	16.59	17.21		0.0
	1	77	16.97	16.71	17.25		0.0
	36	0	17.15	16.69	17.19	0-0.5	0.0
	36	22	17.04	16.63	17.26	0	0.0
	36	43	16.98	16.73	17.35	0-0.5	0.0
	75	0	17.12	16.65	17.32		0.0
DFT-s-OFDM QPSK	1	1	17.06	16.65	17.06	0	0.0
	1	40	16.99	16.63	17.25		0.0
	1	77	16.89	16.71	17.34		0.0
	36	0	17.12	16.64	17.21	0-1	0.0
	36	22	17.03	16.70	17.21	0	0.0
	36	43	17.04	16.74	17.32	0-1	0.0
	75	0	17.05	16.71	17.29		0.0
DFT-s-OFDM 16QAM	1	1	17.23	16.61	17.03	0-1	0.0
CP-OFDM QPSK	1	1	17.12	16.67	17.12	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 153 of 218

Table H-166

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.89	16.54	16.87	0	0.0
	1	26	16.93	16.55	17.07		0.0
	1	50	16.94	16.60	17.01		0.0
	25	0	16.96	16.56	16.91	0-0.5	0.0
	25	14	16.97	16.58	16.97	0	0.0
	25	27	16.90	16.47	17.04	0-0.5	0.0
	50	0	16.94	16.49	17.03		0.0
DFT-s-OFDM QPSK	1	1	16.96	16.58	16.96	0	0.0
	1	26	16.98	16.50	17.01		0.0
	1	50	16.91	16.59	17.11		0.0
	25	0	16.98	16.48	16.90	0-1	0.0
	25	14	16.90	16.55	17.02	0	0.0
	25	27	16.87	16.49	17.09	0-1	0.0
	50	0	16.90	16.49	16.95		0.0
DFT-s-OFDM 16QAM	1	1	17.03	16.55	16.96	0-1	0.0
CP-OFDM QPSK	1	1	17.01	16.55	16.90	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 154 of 218

Table H-167

NR Band n7 Antenna B Measured P_{limit} for DSI = 2/3 (Phablet or UMPC Extremity with grip sensor active), or DSI = 6/7 (Hotspot Mode), and/or DSI = 8/9 (Earjack active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.15	16.55	17.00	0	0.0
	1	13	17.26	16.57	17.17		0.0
	1	23	17.15	16.50	17.16		0.0
	12	0	17.11	16.50	17.01	0-0.5	0.0
	12	7	17.13	16.54	17.13	0	0.0
	12	13	17.18	16.52	17.17	0-0.5	0.0
	25	0	17.12	16.51	17.19		0.0
DFT-s-OFDM QPSK	1	1	17.11	16.47	17.04	0	0.0
	1	13	17.13	16.51	17.11		0.0
	1	23	17.08	16.53	17.12		0.0
	12	0	16.99	16.43	16.97	0-1	0.0
	12	7	17.00	16.51	17.16	0	0.0
	12	13	17.09	16.54	17.24	0-1	0.0
	25	0	17.13	16.47	17.16		0.0
DFT-s-OFDM 16QAM	1	1	17.14	16.53	17.05	0-1	0.0
CP-OFDM QPSK	1	1	17.13	16.56	17.10	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 155 of 218

Table H-168
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.17	0	0.0
	1	80	23.05		0.0
	1	158	23.29		0.0
	80	0	22.62	0-0.5	0.5
	80	40	23.00	0	0.0
	80	80	22.59	0-0.5	0.5
	160	0	22.59		0.5
DFT-s-OFDM QPSK	1	1	23.19	0	0.0
	1	80	23.09		0.0
	1	158	23.31		0.0
	80	0	22.18	0-1	1.0
	80	40	23.04	0	0.0
	80	80	22.13	0-1	1.0
	160	0	22.06		1.0
DFT-s-OFDM 16QAM	1	1	22.25	0-1	1.0
CP-OFDM QPSK	1	1	21.70	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 156 of 218

Table H-169
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.95	0	0.0
	1	67	22.90		0.0
	1	131	23.05		0.0
	64	0	22.52	0-0.5	0.5
	64	35	22.95	0	0.0
	64	69	22.49	0-0.5	0.5
	128	0	22.46		0.5
DFT-s-OFDM QPSK	1	1	22.99	0	0.0
	1	67	22.96		0.0
	1	131	23.10		0.0
	64	0	21.96	0-1	1.0
	64	35	22.91	0	0.0
	64	69	22.00	0-1	1.0
	128	0	22.00		1.0
DFT-s-OFDM 16QAM	1	1	22.12	0-1	1.0
CP-OFDM QPSK	1	1	21.52	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 157 of 218

Table H-170
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.71	22.82	23.06	0	0.0
	1	53	23.07	22.79	23.29		0.0
	1	104	22.97	22.96	22.87		0.0
	50	0	22.67	22.36	22.82	0-0.5	0.5
	50	28	23.10	22.86	23.39	0	0.0
	50	56	22.63	22.39	22.90	0-0.5	0.5
	100	0	22.65	22.70	22.90		0.5
DFT-s-OFDM QPSK	1	1	23.04	22.82	23.16	0	0.0
	1	53	23.14	22.84	23.33		0.0
	1	104	23.04	22.92	23.29		0.0
	50	0	22.19	21.87	22.31	0-1	1.0
	50	28	23.14	22.87	23.32	0	0.0
	50	56	22.18	21.93	22.40	0-1	1.0
	100	0	22.24	21.87	22.38		1.0
DFT-s-OFDM 16QAM	1	1	22.20	22.12	22.20	0-1	1.0
CP-OFDM QPSK	1	1	21.65	21.43	21.68	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 158 of 218

Table H-171
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.07	22.84	23.27	0	0.0
	1	40	23.09	22.80	23.40		0.0
	1	77	22.99	22.95	23.20		0.0
	36	0	22.63	22.39	22.90	0-0.5	0.5
	36	22	23.07	22.89	23.40	0	0.0
	36	43	22.60	22.43	22.90	0-0.5	0.5
	75	0	22.61	22.43	22.90		0.5
DFT-s-OFDM QPSK	1	1	23.05	22.91	23.35	0	0.0
	1	40	23.05	22.93	23.40		0.0
	1	77	23.06	22.97	23.40		0.0
	36	0	22.13	21.91	22.40	0-1	1.0
	36	22	23.11	22.85	23.40	0	0.0
	36	43	22.09	21.96	22.40	0-1	1.0
	75	0	22.09	21.98	22.40		1.0
DFT-s-OFDM 16QAM	1	1	22.16	22.17	22.40	0-1	1.0
CP-OFDM QPSK	1	1	21.67	21.42	21.90	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 159 of 218

Table H-172
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	22.82	22.95	23.18	0	0.0
	1	26	23.17	23.04	23.19		0.0
	1	50	23.15	23.02	23.37		0.0
	25	0	22.71	22.52	22.69	0-0.5	0.5
	25	14	23.22	23.01	23.27	0	0.0
	25	27	22.66	22.44	22.81	0-0.5	0.5
	50	0	22.69	22.50	22.74		0.5
DFT-s-OFDM QPSK	1	1	23.28	23.02	23.14	0	0.0
	1	26	23.27	23.09	23.19		0.0
	1	50	23.19	23.05	23.26		0.0
	25	0	22.27	22.04	22.22	0-1	1.0
	25	14	23.19	23.01	23.24	0	0.0
	25	27	22.18	22.03	22.37	0-1	1.0
	50	0	22.21	22.01	22.27		1.0
DFT-s-OFDM 16QAM	1	1	22.39	22.13	22.32	0-1	1.0
CP-OFDM QPSK	1	1	21.90	21.51	21.73	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 160 of 218

Table H-173
NR Band n7 Antenna F Measured P_{max} for DSI = 5 (Head) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	23.20	22.99	23.34	0	0.0
	1	13	23.40	22.99	23.40		0.0
	1	23	23.32	22.98	23.25		0.0
	12	0	22.87	22.40	22.88	0-0.5	0.5
	12	7	23.40	22.94	23.40	0	0.0
	12	13	22.89	22.53	22.90	0-0.5	0.5
	25	0	22.90	22.48	22.90		0.5
DFT-s-OFDM QPSK	1	1	23.35	23.01	23.37	0	0.0
	1	13	23.40	23.05	23.40		0.0
	1	23	23.36	22.93	23.40		0.0
	12	0	22.40	21.95	22.34	0-1	1.0
	12	7	23.40	23.01	23.40	0	0.0
	12	13	22.40	22.01	22.40	0-1	1.0
	25	0	22.34	22.02	22.40		1.0
DFT-s-OFDM 16QAM	1	1	22.40	22.00	22.40	0-1	1.0
CP-OFDM QPSK	1	1	21.90	21.54	21.90	0-1.5	1.5

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 161 of 218

Table H-174

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.81	0	0.0
	1	80	17.72		0.0
	1	158	17.84		0.0
	80	0	17.74	0-0.5	0.0
	80	40	17.72	0	0.0
	80	80	17.76	0-0.5	0.0
	160	0	17.71		0.0
DFT-s-OFDM QPSK	1	1	17.87	0	0.0
	1	80	17.76		0.0
	1	158	17.96		0.0
	80	0	17.76	0-1	0.0
	80	40	17.69	0	0.0
	80	80	17.73	0-1	0.0
	160	0	17.67		0.0
DFT-s-OFDM 16QAM	1	1	17.75	0-1	0.0
CP-OFDM QPSK	1	1	17.90	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 162 of 218

Table H-175

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.55	0	0.0
	1	67	17.69		0.0
	1	131	17.98		0.0
	64	0	17.63	0-0.5	0.0
	64	35	17.79	0	0.0
	64	69	17.95	0-0.5	0.0
	128	0	17.76		0.0
DFT-s-OFDM QPSK	1	1	17.61	0	0.0
	1	67	17.77		0.0
	1	131	17.92		0.0
	64	0	17.59	0-1	0.0
	64	35	17.72	0	0.0
	64	69	17.88	0-1	0.0
	128	0	17.77		0.0
DFT-s-OFDM 16QAM	1	1	17.57	0-1	0.0
CP-OFDM QPSK	1	1	17.65	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 163 of 218

Table H-176

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.67	17.37	17.64	0	0.0
	1	53	17.66	17.40	17.77		0.0
	1	104	17.57	17.49	18.00		0.0
	50	0	17.72	17.42	17.78	0-0.5	0.0
	50	28	17.77	17.40	17.87	0	0.0
	50	56	17.68	17.47	17.92	0-0.5	0.0
	100	0	17.70	17.42	17.91		0.0
DFT-s-OFDM QPSK	1	1	17.71	17.41	17.62	0	0.0
	1	53	17.64	17.35	17.89		0.0
	1	104	17.77	17.47	18.07		0.0
	50	0	17.68	17.44	17.82	0-1	0.0
	50	28	17.69	17.38	17.91	0	0.0
	50	56	17.77	17.37	17.93	0-1	0.0
	100	0	17.77	17.44	17.95		0.0
DFT-s-OFDM 16QAM	1	1	17.76	17.44	17.65	0-1	0.0
CP-OFDM QPSK	1	1	17.42	17.48	17.70	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 164 of 218

Table H-177

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.57	17.36	17.66	0	0.0
	1	40	17.61	17.36	17.94		0.0
	1	77	17.53	17.50	18.09		0.0
	36	0	17.70	17.40	17.93	0-0.5	0.0
	36	22	17.66	17.39	17.96	0	0.0
	36	43	17.62	17.36	18.07	0-0.5	0.0
	75	0	17.71	17.41	18.09		0.0
DFT-s-OFDM QPSK	1	1	17.59	17.36	17.75	0	0.0
	1	40	17.59	17.34	17.97		0.0
	1	77	17.67	17.47	18.02		0.0
	36	0	17.66	17.40	17.91	0-1	0.0
	36	22	17.58	17.31	18.01	0	0.0
	36	43	17.56	17.35	18.05	0-1	0.0
	75	0	17.71	17.38	17.98		0.0
DFT-s-OFDM 16QAM	1	1	17.67	17.42	17.72	0-1	0.0
CP-OFDM QPSK	1	1	17.71	17.48	17.76	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 165 of 218

Table H-178

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.57	17.35	17.70	0	0.0
	1	26	17.50	17.37	17.74		0.0
	1	50	17.41	17.50	17.79		0.0
	25	0	17.48	17.34	17.73	0-0.5	0.0
	25	14	17.49	17.33	17.67	0	0.0
	25	27	17.43	17.42	17.85	0-0.5	0.0
	50	0	17.46	17.38	17.67		0.0
DFT-s-OFDM QPSK	1	1	17.53	17.38	17.69	0	0.0
	1	26	17.47	17.40	17.72		0.0
	1	50	17.45	17.48	17.79		0.0
	25	0	17.42	17.39	17.68	0-1	0.0
	25	14	17.38	17.31	17.73	0	0.0
	25	27	17.43	17.36	17.78	0-1	0.0
	50	0	17.42	17.41	17.67		0.0
DFT-s-OFDM 16QAM	1	1	17.63	17.44	17.65	0-1	0.0
CP-OFDM QPSK	1	1	17.64	17.66	17.68	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 166 of 218

Table H-179

NR Band n7 Antenna F Measured P_{limit} for DSI = 1 (Body-worn, or Phablet with grip sensor inactive), DSI = 3 (Phablet with grip sensor active), or DSI = 7 (Hotspot Mode), and/or DSI = 9 (Earjack active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.78	17.20	17.87	0	0.0
	1	13	17.78	17.25	17.90		0.0
	1	23	17.69	17.28	17.89		0.0
	12	0	17.70	17.18	17.83	0-0.5	0.0
	12	7	17.77	17.24	17.91	0	0.0
	12	13	17.76	17.27	17.89	0-0.5	0.0
	25	0	17.62	17.30	17.90		0.0
DFT-s-OFDM QPSK	1	1	17.80	17.30	17.89	0	0.0
	1	13	17.78	17.33	17.89		0.0
	1	23	17.62	17.28	17.90		0.0
	12	0	17.66	17.16	17.81	0-1	0.0
	12	7	17.74	17.33	17.89	0	0.0
	12	13	17.68	17.30	17.92	0-1	0.0
	25	0	17.68	17.25	17.83		0.0
DFT-s-OFDM 16QAM	1	1	17.74	17.30	17.94	0-1	0.0
CP-OFDM QPSK	1	1	17.81	17.22	17.87	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 167 of 218

H.2.1 NR Band 41

Table H-180
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	17.67	17.99	0	0.0
	1	123	17.63	17.95		0.0
	1	243	17.68	17.84		0.0
	120	0	17.61	18.07	0-0.5	0.0
	120	63	17.60	17.97	0	0.0
	120	125	17.73	17.91	0-0.5	0.0
	243	0	17.67	17.94		0.0
DFT-s-OFDM QPSK	1	1	17.78	17.97	0	0.0
	1	123	17.74	17.92		0.0
	1	243	17.71	17.83		0.0
	120	0	17.61	18.21	0-1	0.0
	120	63	17.64	18.10	0	0.0
	120	125	17.76	18.03	0-1	0.0
	243	0	17.69	18.08		0.0
DFT-s-OFDM 16QAM	1	1	17.59	18.29	0-1	0.0
CP-OFDM QPSK	1	1	17.81	17.99	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 168 of 218

Table H-181
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	17.75	18.04	0	0.0
	1	109	17.64	17.96		0.0
	1	215	17.72	17.83		0.0
	108	0	17.72	18.10	0-0.5	0.0
	108	55	17.74	17.98	0	0.0
	108	109	17.78	17.93	0-0.5	0.0
	216	0	17.73	17.99		0.0
DFT-s-OFDM QPSK	1	1	17.79	18.06	0	0.0
	1	109	17.68	18.03		0.0
	1	215	17.78	17.91		0.0
	108	0	17.75	18.13	0-1	0.0
	108	55	17.75	18.00	0	0.0
	108	109	17.81	18.02	0-1	0.0
	216	0	17.71	18.01		0.0
DFT-s-OFDM 16QAM	1	1	18.07	18.28	0-1	0.0
CP-OFDM QPSK	1	1	17.64	17.98	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 169 of 218

Table H-182
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 70 MHz Bandwidth
NR Band n41
70 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.79	18.19	0	0.0
	1	95	17.59	18.08		0.0
	1	187	17.81	17.86		0.0
	90	0	17.76	18.11	0-0.5	0.0
	90	50	17.68	17.98	0	0.0
	90	99	17.76	17.95	0-0.5	0.0
	180	0	17.80	18.01		0.0
DFT-s-OFDM QPSK	1	1	17.92	18.24	0	0.0
	1	95	17.68	18.05		0.0
	1	187	17.93	17.85		0.0
	90	0	17.67	18.13	0-1	0.0
	90	50	17.61	17.98	0	0.0
	90	99	17.74	17.96	0-1	0.0
	180	0	17.74	18.01		0.0
DFT-s-OFDM 16QAM	1	1	17.98	18.52	0-1	0.0
CP-OFDM QPSK	1	1	17.67	18.47	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 170 of 218

Table H-183
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	17.93	18.31	18.19	0	0.0
	1	81	17.82	18.33	18.11		0.0
	1	160	18.08	18.32	17.91		0.0
	81	0	17.87	18.29	18.16	0-0.5	0.0
	81	41	17.82	18.33	18.09	0	0.0
	81	81	17.89	18.31	17.89	0-0.5	0.0
	162	0	17.90	18.31	18.11		0.0
DFT-s-OFDM QPSK	1	1	17.95	18.26	18.24	0	0.0
	1	81	17.86	18.30	18.08		0.0
	1	160	18.09	18.33	17.95		0.0
	81	0	17.86	18.16	18.15	0-1	0.0
	81	41	17.79	18.18	18.07	0	0.0
	81	81	17.87	18.23	18.00	0-1	0.0
	162	0	17.89	18.19	18.09		0.0
DFT-s-OFDM 16QAM	1	1	18.06	18.11	18.53	0-1	0.0
CP-OFDM QPSK	1	1	17.80	18.28	18.20	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 171 of 218

Table H-184
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	17.85	18.29	18.31	0	0.0
	1	67	17.79	18.34	18.19		0.0
	1	131	17.94	18.30	18.12		0.0
	64	0	17.82	18.26	18.24	0-0.5	0.0
	64	35	17.84	18.39	18.14	0	0.0
	64	69	17.81	18.31	18.07	0-0.5	0.0
	128	0	17.87	18.39	18.15		0.0
DFT-s-OFDM QPSK	1	1	17.98	18.39	18.40	0	0.0
	1	67	17.87	18.32	18.20		0.0
	1	131	18.07	18.33	18.12		0.0
	64	0	17.89	18.34	18.22	0-1	0.0
	64	35	17.85	18.37	18.14	0	0.0
	64	69	17.82	18.33	18.10	0-1	0.0
	128	0	17.84	18.38	18.16		0.0
DFT-s-OFDM 16QAM	1	1	18.08	18.61	18.54	0-1	0.0
CP-OFDM QPSK	1	1	17.85	18.21	18.26	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 172 of 218

Table H-185
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	18.11	18.47	18.34	18.29	0	0.0
	1	53	17.89	18.31	18.32	18.05		0.0
	1	104	18.12	18.40	18.41	18.22		0.0
	50	0	18.04	18.29	18.31	18.11	0-0.5	0.0
	50	28	17.94	18.30	18.29	18.05	0	0.0
	50	56	17.96	18.34	18.42	18.16	0-0.5	0.0
	100	0	17.90	18.27	18.31	18.09		0.0
DFT-s-OFDM QPSK	1	1	18.16	18.47	18.38	18.31	0	0.0
	1	53	17.91	18.28	18.32	18.05		0.0
	1	104	18.14	18.39	18.47	18.21		0.0
	50	0	17.95	18.26	18.34	18.11	0-1	0.0
	50	28	17.82	18.28	18.30	18.04	0	0.0
	50	56	17.85	18.36	18.41	18.19	0-1	0.0
	100	0	17.89	18.31	18.28	18.09		0.0
DFT-s-OFDM 16QAM	1	1	18.05	18.71	18.58	18.52	0-1	0.0
CP-OFDM QPSK	1	1	18.02	18.32	18.29	18.13	0-1.5	0.0

Table H-186
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 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	17.87	17.97	18.38	18.52	18.31	0	0.0
	1	39	17.56	18.06	18.29	18.47	18.34		0.0
	1	76	17.96	18.16	18.50	18.54	18.26		0.0
	36	0	18.01	17.98	18.34	18.37	18.24	0-0.5	0.0
	36	21	17.89	18.03	18.43	18.49	18.24	0	0.0
	36	42	17.95	18.16	18.43	18.52	18.27	0-0.5	0.0
	75	0	17.94	18.11	18.36	18.49	18.17		0.0
DFT-s-OFDM QPSK	1	1	18.12	17.98	18.42	18.53	18.30	0	0.0
	1	39	18.04	18.14	18.34	18.48	18.22		0.0
	1	76	18.06	18.23	18.52	18.56	18.31		0.0
	36	0	18.05	18.05	18.38	18.44	18.19	0-1	0.0
	36	21	17.86	18.10	18.42	18.48	18.27	0	0.0
	36	42	17.91	18.20	18.48	18.51	18.25	0-1	0.0
	75	0	17.91	18.19	18.33	18.51	18.16		0.0
DFT-s-OFDM 16QAM	1	1	18.08	18.21	18.74	18.76	18.55	0-1	0.0
CP-OFDM QPSK	1	1	17.97	18.80	18.38	18.38	18.17	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 173 of 218

Table H-187
NR Band n41 Antenna F Measured P_{Limit} for all DSI - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Channel									
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.02	18.02	18.44	18.58	18.28	0	0.0
	1	26	17.87	18.10	18.32	18.44	18.17		0.0
	1	49	17.80	18.15	18.39	18.50	18.26		0.0
	25	0	17.92	18.07	18.53	18.40	18.23	0-0.5	0.0
	25	13	17.95	18.06	18.47	18.40	18.19	0	0.0
	25	26	17.94	18.06	18.52	18.36	18.17	0-0.5	0.0
	50	0	17.98	18.06	18.58	18.37	18.18		0.0
DFT-s-OFDM QPSK	1	1	18.02	18.05	18.63	18.52	18.30	0	0.0
	1	26	17.88	17.99	18.46	18.34	18.16		0.0
	1	49	17.84	18.12	18.59	18.39	18.24		0.0
	25	0	17.99	18.03	18.50	18.42	18.30	0-1	0.0
	25	13	17.94	18.07	18.44	18.38	18.22	0	0.0
	25	26	17.92	18.01	18.56	18.32	18.19	0-1	0.0
	50	0	17.96	18.07	18.58	18.39	18.22		0.0
DFT-s-OFDM 16QAM	1	1	18.06	18.21	18.77	18.68	18.56	0-1	0.0
CP-OFDM QPSK	1	1	17.80	18.76	18.44	18.34	18.20	0-1.5	0.0

Table H-188
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Modulation	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS#2 Ant B	14.72	15.37
SRS#3 Ant E	14.10	14.76
SRS#4 Ant C	10.96	11.11

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 174 of 218

Table H-189
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Modulation	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS#2 Ant B	14.71	15.38
SRS#3 Ant E	14.06	14.70
SRS#4 Ant C	10.94	11.08

Table H-190
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Modulation	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS#2 Ant B	14.79	15.49
SRS#3 Ant E	14.00	14.80
SRS#4 Ant C	10.95	11.17

Table H-191
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Modulation	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS#2 Ant B	14.93	15.28	15.54
SRS#3 Ant E	14.15	15.18	14.69
SRS#4 Ant C	11.11	11.35	11.22

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 175 of 218

Table H-192
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Modulation	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS#2 Ant B	15.08	15.32	15.57
SRS#3 Ant E	14.19	15.29	14.77
SRS#4 Ant C	11.17	11.45	11.32

Table H-193
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Modulation	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS#2 Ant B	15.18	15.66	15.59	15.63
SRS#3 Ant E	14.22	15.36	15.26	14.78
SRS#4 Ant C	11.20	11.41	11.43	11.16

Table H-194
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Modulation	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS#2 Ant B	15.19	15.18	15.28	15.66	15.69
SRS#3 Ant E	14.35	14.90	15.22	15.20	14.84
SRS#4 Ant C	11.22	11.46	11.46	11.45	11.29

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 176 of 218

Table H-195
NR Band n41 Antenna B, E, C Measured P_{Limit} for all DSI – 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Modulation	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS#2 Ant B	15.22	15.17	15.25	15.59	15.59
SRS#3 Ant E	14.27	14.88	15.28	15.13	14.75
SRS#4 Ant C	11.22	11.51	11.49	11.43	11.26

H.2.1 NR Band 48

Table H-196
NR Band n48 Antenna F Measured P_{Limit} for all DSI - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.50	17.87	18.13	17.75	0	0.0
	1	39	17.60	18.00	18.00	17.51		0.0
	1	76	17.64	18.04	17.87	17.41		0.0
	36	0	17.63	17.90	17.98	17.59	0-0.5	0.0
	36	21	17.56	17.95	17.88	17.47	0	0.0
	36	42	17.68	17.90	17.87	17.39	0-0.5	0.0
	75	0	17.57	17.96	17.99	17.51		0.0
DFT-s-OFDM QPSK	1	1	17.60	17.95	18.20	17.87	0	0.0
	1	39	17.66	17.95	18.04	17.56		0.0
	1	76	17.69	18.06	17.90	17.47		0.0
	36	0	17.59	17.89	17.99	17.66	0-1	0.0
	36	21	17.58	17.93	17.79	17.49	0	0.0
	36	42	17.66	17.94	17.85	17.39	0-1	0.0
	75	0	17.58	17.93	17.93	17.52		0.0
DFT-s-OFDM 16QAM	1	1	17.70	18.16	18.24	18.06	0-1	0.0
CP-OFDM QPSK	1	1	17.41	17.82	18.15	17.81	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 177 of 218

Table H-197
NR Band n48 Antenna F Measured P_{Limit} for all DSI - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.46	17.89	17.96	17.65	0	0.0
	1	26	17.60	17.97	17.88	17.55		0.0
	1	49	17.71	17.98	17.87	17.49		0.0
	25	0	17.57	17.83	17.96	17.51	0-0.5	0.0
	25	13	17.59	17.97	17.88	17.53	0	0.0
	25	26	17.58	17.97	17.90	17.46	0-0.5	0.0
	50	0	17.59	17.93	17.90	17.54		0.0
DFT-s-OFDM QPSK	1	1	17.53	17.89	17.97	17.61	0	0.0
	1	26	17.54	17.96	17.86	17.51		0.0
	1	49	17.70	18.00	17.91	17.44		0.0
	25	0	17.60	17.88	17.95	17.47	0-1	0.0
	25	13	17.58	17.98	17.89	17.52	0	0.0
	25	26	17.59	18.00	17.91	17.44	0-1	0.0
	50	0	17.60	17.99	17.86	17.51		0.0
DFT-s-OFDM 16QAM	1	1	17.70	18.10	18.20	17.90	0-1	0.0
CP-OFDM QPSK	1	1	17.38	17.73	17.85	17.52	0-1.5	0.0

Table H-198
NR Band n48 Antenna F Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.36	17.71	17.72	17.44	0	0.0
	1	12	17.51	17.82	17.68	17.38		0.0
	1	22	17.54	17.81	17.77	17.41		0.0
	12	0	17.47	17.75	17.73	17.47	0-0.5	0.0
	12	6	17.48	17.78	17.70	17.35	0	0.0
	12	12	17.53	17.82	17.73	17.34	0-0.5	0.0
	24	0	17.52	17.79	17.71	17.34		0.0
DFT-s-OFDM QPSK	1	1	17.43	17.68	17.79	17.52	0	0.0
	1	12	17.53	17.86	17.74	17.42		0.0
	1	22	17.53	17.83	17.80	17.41		0.0
	12	0	17.50	17.77	17.76	17.47	0-1	0.0
	12	6	17.54	17.81	17.74	17.37	0	0.0
	12	12	17.50	17.85	17.75	17.35	0-1	0.0
	24	0	17.51	17.80	17.71	17.36		0.0
DFT-s-OFDM 16QAM	1	1	17.61	17.93	18.03	17.67	0-1	0.0
CP-OFDM QPSK	1	1	17.27	17.61	17.71	17.30	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 178 of 218

Table H-199
NR Band n48 Antenna E, G, D Measured P_{Limit} for all DSI – 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Modulation	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant E	14.13	14.33	14.01	13.70
SRS #3 Ant G	14.88	15.33	15.18	14.59
SRS #4 Ant D	12.37	12.50	12.00	11.46

Table H-200
NR Band n48 Antenna E, G, D Measured P_{Limit} for all DSI – 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Modulation	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant E	14.15	14.37	13.96	13.73
SRS #3 Ant G	14.89	15.27	15.18	14.70
SRS #4 Ant D	12.42	12.47	11.97	11.40

Table H-201
NR Band n48 Antenna E, G, D Measured P_{Limit} for all DSI – 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Modulation	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant E	14.13	14.18	13.78	13.60
SRS #3 Ant G	14.87	15.05	14.95	14.58
SRS #4 Ant D	12.33	12.47	11.94	11.37

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 179 of 218

H.2.1 NR Band 77

Table H-202
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.14	0	0.0
	1	123	18.28		0.0
	1	243	18.40		0.0
	120	0	18.30	0-0.5	0.0
	120	63	18.34	0	0.0
	120	125	18.35	0-0.5	0.0
	243	0	18.37		0.0
DFT-s-OFDM QPSK	1	1	18.15	0	0.0
	1	123	18.30		0.0
	1	243	18.51		0.0
	120	0	18.36	0-1	0.0
	120	63	18.39	0	0.0
	120	125	18.36	0-1	0.0
	243	0	18.40		0.0
DFT-s-OFDM 16QAM	1	1	18.48	0-1	0.0
CP-OFDM QPSK	1	1	18.15	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 180 of 218

Table H-203
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.22	0	0.0
	1	109	18.35		0.0
	1	215	18.41		0.0
	108	0	18.40	0-0.5	0.0
	108	55	18.43	0	0.0
	108	109	18.41	0-0.5	0.0
	216	0	18.41		0.0
DFT-s-OFDM QPSK	1	1	18.18	0	0.0
	1	109	18.33		0.0
	1	215	18.37		0.0
	108	0	18.37	0-1	0.0
	108	55	18.33	0	0.0
	108	109	18.34	0-1	0.0
	216	0	18.32		0.0
DFT-s-OFDM 16QAM	1	1	18.51	0-1	0.0
CP-OFDM QPSK	1	1	18.17	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 181 of 218

Table H-204
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 70 MHz Bandwidth
NR Band n77 DoD
70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.11	0	0.0
	1	95	18.18		0.0
	1	187	18.25		0.0
	90	0	18.29	0-0.5	0.0
	90	50	18.23	0	0.0
	90	99	18.24	0-0.5	0.0
	180	0	18.25		0.0
DFT-s-OFDM QPSK	1	1	18.12	0	0.0
	1	95	18.22		0.0
	1	187	18.25		0.0
	90	0	18.29	0-1	0.0
	90	50	18.25	0	0.0
	90	99	18.27	0-1	0.0
	180	0	18.28		0.0
DFT-s-OFDM 16QAM	1	1	18.41	0-1	0.0
CP-OFDM QPSK	1	1	18.10	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 182 of 218

Table H-205
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.44	0	0.0
	1	81	18.47		0.0
	1	160	18.41		0.0
	81	0	18.42	0-0.5	0.0
	81	41	18.42	0	0.0
	81	81	18.46	0-0.5	0.0
	162	0	18.46		0.0
DFT-s-OFDM QPSK	1	1	18.47	0	0.0
	1	81	18.51		0.0
	1	160	18.53		0.0
	81	0	18.51	0-1	0.0
	81	41	18.46	0	0.0
	81	81	18.45	0-1	0.0
	162	0	18.45		0.0
DFT-s-OFDM 16QAM	1	1	18.77	0-1	0.0
CP-OFDM QPSK	1	1	18.35	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 183 of 218

Table H-206
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 50 MHz Bandwidth

NR Band n77 DoD 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	18.44	18.47	0	0.0
	1	67	18.36	18.44		0.0
	1	131	18.44	18.56		0.0
	64	0	18.44	18.44	0-0.5	0.0
	64	35	18.44	18.41	0	0.0
	64	69	18.36	18.37	0-0.5	0.0
	128	0	18.41	18.41		0.0
DFT-s-OFDM QPSK	1	1	18.51	18.51	0	0.0
	1	67	18.45	18.40		0.0
	1	131	18.40	18.59		0.0
	64	0	18.43	18.42	0-1	0.0
	64	35	18.37	18.37	0	0.0
	64	69	18.38	18.36	0-1	0.0
	128	0	18.40	18.42		0.0
DFT-s-OFDM 16QAM	1	1	18.70	18.74	0-1	0.0
CP-OFDM QPSK	1	1	18.36	18.34	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 184 of 218

Table H-207
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 40 MHz Bandwidth

NR Band n77 DoD 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	18.70	18.89	0	0.0
	1	53	18.54	18.77		0.0
	1	104	18.70	18.96		0.0
	50	0	18.64	18.77	0-0.5	0.0
	50	28	18.60	18.79	0	0.0
	50	56	18.64	18.80	0-0.5	0.0
	100	0	18.60	18.78		0.0
DFT-s-OFDM QPSK	1	1	18.70	18.92	0	0.0
	1	53	18.57	18.78		0.0
	1	104	18.70	18.97		0.0
	50	0	18.63	18.78	0-1	0.0
	50	28	18.57	18.75	0	0.0
	50	56	18.60	18.85	0-1	0.0
	100	0	18.61	18.79		0.0
DFT-s-OFDM 16QAM	1	1	18.90	18.98	0-1	0.0
CP-OFDM QPSK	1	1	18.61	18.66	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 185 of 218

Table H-208
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 30 MHz Bandwidth
NR Band n77 DoD
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	18.61	18.39	18.82	0	0.0
	1	39	18.52	18.47	18.70		0.0
	1	76	18.47	18.65	18.74		0.0
	36	0	18.50	18.53	18.74	0-0.5	0.0
	36	21	18.47	18.53	18.71	0	0.0
	36	42	18.54	18.49	18.78	0-0.5	0.0
	75	0	18.63	18.53	18.77		0.0
DFT-s-OFDM QPSK	1	1	18.58	18.39	18.79	0	0.0
	1	39	18.53	18.48	18.72		0.0
	1	76	18.44	18.70	18.82		0.0
	36	0	18.52	18.51	18.72	0-1	0.0
	36	21	18.44	18.48	18.73	0	0.0
	36	42	18.63	18.55	18.77	0-1	0.0
	75	0	18.64	18.55	18.75		0.0
DFT-s-OFDM 16QAM	1	1	18.82	18.78	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.54	18.42	18.58	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 186 of 218

Table H-209
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 20 MHz Bandwidth
NR Band n77 DoD
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	18.43	18.43	18.66	0	0.0
	1	26	18.41	18.47	18.65		0.0
	1	49	18.43	18.56	18.68		0.0
	25	0	18.42	18.50	18.60	0-0.5	0.0
	25	13	18.40	18.50	18.61	0	0.0
	25	26	18.45	18.50	18.68	0-0.5	0.0
	50	0	18.42	18.48	18.63		0.0
DFT-s-OFDM QPSK	1	1	18.45	18.50	18.65	0	0.0
	1	26	18.36	18.51	18.62		0.0
	1	49	18.42	18.59	18.70		0.0
	25	0	18.40	18.48	18.58	0-1	0.0
	25	13	18.38	18.51	18.60	0	0.0
	25	26	18.45	18.56	18.63	0-1	0.0
	50	0	18.39	18.51	18.64		0.0
DFT-s-OFDM 16QAM	1	1	18.71	18.71	18.95	0-1	0.0
CP-OFDM QPSK	1	1	18.36	18.40	18.61	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 187 of 218

Table H-210
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 15 MHz Bandwidth
NR Band n77 DoD
15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.31	18.44	18.59	0	0.0
	1	19	18.39	18.48	18.59		0.0
	1	36	18.52	18.68	18.72		0.0
	18	0	18.39	18.43	18.56	0-0.5	0.0
	18	10	18.42	18.50	18.56	0	0.0
	18	20	18.47	18.50	18.63	0-0.5	0.0
	36	0	18.45	18.54	18.56		0.0
DFT-s-OFDM QPSK	1	1	18.38	18.49	18.55	0	0.0
	1	19	18.39	18.52	18.57		0.0
	1	36	18.48	18.67	18.65		0.0
	18	0	18.40	18.54	18.55	0-1	0.0
	18	10	18.45	18.49	18.56	0	0.0
	18	20	18.45	18.52	18.60	0-1	0.0
	36	0	18.43	18.52	18.56		0.0
DFT-s-OFDM 16QAM	1	1	18.69	18.76	18.81	0-1	0.0
CP-OFDM QPSK	1	1	18.34	18.44	18.45	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 188 of 218

Table H-211
NR Band n77 Antenna F DoD Measured P_{Limit} for all DSI - 10 MHz Bandwidth
NR Band n77 DoD
10 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.21	18.40	18.47	0	0.0
	1	12	18.27	18.37	18.46		0.0
	1	22	18.29	18.46	18.53		0.0
	12	0	18.24	18.40	18.47	0-0.5	0.0
	12	6	18.27	18.40	18.50	0	0.0
	12	12	18.28	18.41	18.50	0-0.5	0.0
	24	0	18.28	18.44	18.51		0.0
DFT-s-OFDM QPSK	1	1	18.29	18.46	18.49	0	0.0
	1	12	18.31	18.44	18.48		0.0
	1	22	18.32	18.46	18.54		0.0
	12	0	18.30	18.43	18.50	0-1	0.0
	12	6	18.35	18.40	18.47	0	0.0
	12	12	18.32	18.40	18.49	0-1	0.0
	24	0	18.31	18.41	18.51		0.0
DFT-s-OFDM 16QAM	1	1	18.31	18.59	18.70	0-1	0.0
CP-OFDM QPSK	1	1	18.18	18.26	18.37	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 189 of 218

Table H-212
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 90 MHz Bandwidth
NR Band n77 DoD
90 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)	Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.45	0	0.0	
	1	123	18.67		0.0	
	1	243	18.73		0.0	
	120	0	18.58	0-0.5	0.0	
	120	63	18.64	0	0.0	
	120	125	18.63	0-0.5	0.0	
	243	0	18.60		0.0	
DFT-s-OFDM QPSK	1	1	18.47	0	0.0	
	1	123	18.74		0.0	
	1	243	18.77		0.0	
	120	0	18.62	0-1	0.0	
	120	63	18.64	0	0.0	
	120	125	18.65	0-1	0.0	
	243	0	18.63		0.0	
DFT-s-OFDM 16QAM	1	1	18.70	0-1	0.0	
CP-OFDM QPSK	1	1	18.35	0-1.5	0.0	

Table H-213
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.52	0	0.0
	1	109	18.74		0.0
	1	215	18.66		0.0
	108	0	18.65	0-0.5	0.0
	108	55	18.66	0	0.0
	108	109	18.63	0-0.5	0.0
	216	0	18.61		0.0
DFT-s-OFDM QPSK	1	1	18.49	0	0.0
	1	109	18.70		0.0
	1	215	18.65		0.0
	108	0	18.57	0-1	0.0
	108	55	18.60	0	0.0
	108	109	18.58	0-1	0.0
	216	0	18.61		0.0
DFT-s-OFDM 16QAM	1	1	18.73	0-1	0.0
CP-OFDM QPSK	1	1	18.44	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 191 of 218

Table H-214
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 70 MHz Bandwidth
NR Band n77 DoD
70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.58	0	0.0
	1	95	18.74		0.0
	1	187	18.64		0.0
	90	0	18.60	0-0.5	0.0
	90	50	18.64	0	0.0
	90	99	18.62	0-0.5	0.0
	180	0	18.62		0.0
DFT-s-OFDM QPSK	1	1	18.55	0	0.0
	1	95	18.72		0.0
	1	187	18.65		0.0
	90	0	18.65	0-1	0.0
	90	50	18.63	0	0.0
	90	99	18.63	0-1	0.0
	180	0	18.65		0.0
DFT-s-OFDM 16QAM	1	1	18.83	0-1	0.0
CP-OFDM QPSK	1	1	18.43	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 192 of 218

Table H-215
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 60 MHz Bandwidth
NR Band n77 DoD
60 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.73	0	0.0
	1	81	18.88		0.0
	1	160	18.78		0.0
	81	0	18.77	0-0.5	0.0
	81	41	18.74	0	0.0
	81	81	18.72	0-0.5	0.0
	162	0	18.79		0.0
DFT-s-OFDM QPSK	1	1	18.82	0	0.0
	1	81	18.95		0.0
	1	160	18.83		0.0
	81	0	18.78	0-1	0.0
	81	41	18.78	0	0.0
	81	81	18.75	0-1	0.0
	162	0	18.75		0.0
DFT-s-OFDM 16QAM	1	1	19.08	0-1	0.0
CP-OFDM QPSK	1	1	18.54	0-1.5	0.0

Table H-216
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 50 MHz Bandwidth

NR Band n77 DoD 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	18.75	18.96	0	0.0
	1	67	18.72	18.74		0.0
	1	131	18.77	18.87		0.0
	64	0	18.72	18.74	0-0.5	0.0
	64	35	18.75	18.71	0	0.0
	64	69	18.70	18.67	0-0.5	0.0
	128	0	18.70	18.72		0.0
DFT-s-OFDM QPSK	1	1	18.85	18.90	0	0.0
	1	67	18.80	18.82		0.0
	1	131	18.84	18.92		0.0
	64	0	18.72	18.75	0-1	0.0
	64	35	18.70	18.71	0	0.0
	64	69	18.67	18.70	0-1	0.0
	128	0	18.69	18.74		0.0
DFT-s-OFDM 16QAM	1	1	19.00	19.20	0-1	0.0
CP-OFDM QPSK	1	1	18.61	18.64	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 194 of 218

Table H-217
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 40 MHz Bandwidth

NR Band n77 DoD 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	18.90	19.12	0	0.0
	1	53	18.88	18.99		0.0
	1	104	18.97	19.17		0.0
	50	0	18.83	19.00	0-0.5	0.0
	50	28	18.84	18.94	0	0.0
	50	56	18.88	18.99	0-0.5	0.0
	100	0	18.83	18.97		0.0
DFT-s-OFDM QPSK	1	1	18.97	19.20	0	0.0
	1	53	18.85	19.12		0.0
	1	104	19.02	19.25		0.0
	50	0	18.89	18.97	0-1	0.0
	50	28	18.83	18.91	0	0.0
	50	56	18.89	18.96	0-1	0.0
	100	0	18.88	18.99		0.0
DFT-s-OFDM 16QAM	1	1	19.19	19.32	0-1	0.0
CP-OFDM QPSK	1	1	18.85	18.95	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 195 of 218

Table H-218
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 30 MHz Bandwidth

NR Band n77 DoD 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	18.90	18.82	19.12	0	0.0
	1	39	18.84	18.93	18.98		0.0
	1	76	18.95	19.02	19.14		0.0
	36	0	18.84	18.90	19.03	0-0.5	0.0
	36	21	18.79	18.86	18.94	0	0.0
	36	42	18.83	19.04	18.97	0-0.5	0.0
	75	0	18.79	18.91	18.99		0.0
DFT-s-OFDM QPSK	1	1	18.91	18.81	19.24	0	0.0
	1	39	18.92	19.12	19.08		0.0
	1	76	19.02	19.05	19.22		0.0
	36	0	18.83	18.94	18.97	0-1	0.0
	36	21	18.83	18.88	18.93	0	0.0
	36	42	18.90	19.03	18.96	0-1	0.0
	75	0	18.89	18.88	19.00		0.0
DFT-s-OFDM 16QAM	1	1	18.82	19.00	19.30	0-1	0.0
CP-OFDM QPSK	1	1	18.97	18.79	18.95	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 196 of 218

Table H-219
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 20 MHz Bandwidth

NR Band n77 DoD 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	18.75	18.90	19.06	0	0.0
	1	26	18.75	19.00	18.96		0.0
	1	49	18.77	19.01	19.01		0.0
	25	0	18.66	18.87	18.88	0-0.5	0.0
	25	13	18.67	18.86	18.85	0	0.0
	25	26	18.78	18.88	18.88	0-0.5	0.0
	50	0	18.69	18.89	18.85		0.0
DFT-s-OFDM QPSK	1	1	18.82	18.87	19.14	0	0.0
	1	26	18.80	18.95	19.04		0.0
	1	49	18.85	19.00	19.11		0.0
	25	0	18.68	18.85	18.84	0-1	0.0
	25	13	18.66	18.85	18.81	0	0.0
	25	26	18.72	18.93	18.86	0-1	0.0
	50	0	18.77	18.92	18.85		0.0
DFT-s-OFDM 16QAM	1	1	19.19	19.11	19.26	0-1	0.0
CP-OFDM QPSK	1	1	18.72	18.64	18.78	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 197 of 218

Table H-220
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 15 MHz Bandwidth
NR Band n77 DoD
15 MHz Bandwidth

Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.77	18.85	18.93	0	0.0
	1	19	18.76	19.01	18.93		0.0
	1	36	18.90	19.07	19.08		0.0
	18	0	18.69	18.85	18.84	0-0.5	0.0
	18	10	18.69	18.92	18.86	0	0.0
	18	20	18.76	18.94	18.87	0-0.5	0.0
	36	0	18.72	18.87	18.88		0.0
DFT-s-OFDM QPSK	1	1	18.85	18.87	19.05	0	0.0
	1	19	18.88	19.03	19.05		0.0
	1	36	18.98	19.04	19.13		0.0
	18	0	18.70	18.86	18.88	0-1	0.0
	18	10	18.72	18.90	18.88	0	0.0
	18	20	18.80	18.94	18.91	0-1	0.0
	36	0	18.76	18.90	18.83		0.0
DFT-s-OFDM 16QAM	1	1	19.05	19.13	19.25	0-1	0.0
CP-OFDM QPSK	1	1	18.60	18.76	18.66	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 198 of 218

Table H-221
NR Band n77 Antenna E DoD Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.67	18.88	18.87	0	0.0
	1	12	18.68	18.89	18.86		0.0
	1	22	18.69	18.97	18.94		0.0
	12	0	18.57	18.77	18.71	0-0.5	0.0
	12	6	18.59	18.78	18.72	0	0.0
	12	12	18.60	18.78	18.75	0-0.5	0.0
	24	0	18.61	18.79	18.79		0.0
DFT-s-OFDM QPSK	1	1	18.64	18.92	18.94	0	0.0
	1	12	18.63	18.94	18.90		0.0
	1	22	18.69	19.00	19.01		0.0
	12	0	18.60	18.76	18.75	0-1	0.0
	12	6	18.60	18.77	18.76	0	0.0
	12	12	18.60	18.80	18.80	0-1	0.0
	24	0	18.59	18.79	18.73		0.0
DFT-s-OFDM 16QAM	1	1	18.81	19.01	19.01	0-1	0.0
CP-OFDM QPSK	1	1	18.46	18.53	18.50	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 199 of 218

Table H-222
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS#3 Ant G	14.91
SRS#3 Ant D	15.08

Table H-223
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS#3 Ant G	14.92
SRS#3 Ant D	15.07

Table H-224
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS#3 Ant G	14.92
SRS#3 Ant D	15.08

Table H-225
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Modulation	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS#3 Ant G	14.91
SRS#3 Ant D	15.06

Table H-226
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth		
Channel		
Modulation	631668 (3475.02 MHz)	635000 (3525 MHz)
	Conducted Power [dBm]	
SRS#3 Ant G	14.92	14.94
SRS#3 Ant D	15.03	15.08

Table H-227
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth		
Channel		
Modulation	631334 (3470.01 MHz)	635332 (3529.98 MHz)
	Conducted Power [dBm]	
SRS#3 Ant G	15.15	15.21
SRS#3 Ant D	15.02	15.05

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 201 of 218

Table H-228
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth			
Channel			
Modulation	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	15.11	15.23	15.19
SRS#3 Ant D	15.04	15.10	15.05

Table H-229
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth			
Channel			
Modulation	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	15.08	15.23	15.25
SRS#3 Ant D	15.06	15.07	15.05

Table H-230
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth			
Channel			
Modulation	630500 (3457.5 MHz)	633334 (3500.01 MHz)	636166 (3542.49 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	14.97	15.11	15.17
SRS#3 Ant D	15.04	15.08	15.09

Table H-231
NR Band n77 Antenna G, D DoD Measured P_{Limit} for all DSI – 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth			
Channel			
Modulation	630334 (3455.01 MHz)	633334 (3500.01 MHz)	636332 (3544.98 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	14.99	15.10	15.14
SRS#3 Ant D	15.04	15.05	15.07

Table H-232
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.49	18.61	18.61	0	0.0
	1	123	18.56	18.72	18.79		0.0
	1	243	18.56	18.70	18.58		0.0
	120	0	18.68	18.69	18.60	0-0.5	0.0
	120	63	18.56	18.70	18.70	0	0.0
	120	125	18.53	18.74	18.64	0-0.5	0.0
	243	0	18.69	18.67	18.71		0.0
DFT-s-OFDM QPSK	1	1	18.66	18.75	18.65	0	0.0
	1	123	18.67	18.74	18.70		0.0
	1	243	18.58	18.84	18.67		0.0
	120	0	18.69	18.69	18.60	0-1	0.0
	120	63	18.62	18.66	18.73	0	0.0
	120	125	18.51	18.66	18.70	0-1	0.0
	243	0	18.65	18.63	18.73		0.0
DFT-s-OFDM 16QAM	1	1	18.75	18.63	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.38	18.39	18.54	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 203 of 218

Table H-233
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.67	18.87	18.48	0	0.0
	1	109	18.74	18.93	18.66		0.0
	1	215	18.68	18.90	18.59		0.0
	108	0	18.69	18.96	18.59	0-0.5	0.0
	108	55	18.69	18.97	18.65	0	0.0
	108	109	18.63	18.91	18.67	0-0.5	0.0
	216	0	18.77	18.95	18.67		0.0
DFT-s-OFDM QPSK	1	1	18.62	18.89	18.52	0	0.0
	1	109	18.71	18.97	18.69		0.0
	1	215	18.75	18.90	18.67		0.0
	108	0	18.71	18.96	18.68	0-1	0.0
	108	55	18.75	18.98	18.65	0	0.0
	108	109	18.65	18.97	18.69	0-1	0.0
	216	0	18.76	18.94	18.70		0.0
DFT-s-OFDM 16QAM	1	1	18.78	18.99	18.87	0-1	0.0
CP-OFDM QPSK	1	1	18.57	18.77	18.53	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 204 of 218

Table H-234
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.56	18.50	18.52	18.55	0	0.0
	1	95	18.58	18.60	18.60	18.70		0.0
	1	187	18.47	18.53	18.59	18.46		0.0
	90	0	18.54	18.56	18.53	18.62	0-0.5	0.0
	90	50	18.56	18.59	18.61	18.66	0	0.0
	90	99	18.39	18.59	18.56	18.62	0-0.5	0.0
	180	0	18.57	18.57	18.59	18.69		0.0
DFT-s-OFDM QPSK	1	1	18.53	18.64	18.57	18.71	0	0.0
	1	95	18.59	18.64	18.61	18.74		0.0
	1	187	18.49	18.55	18.53	18.61		0.0
	90	0	18.50	18.61	18.52	18.62	0-1	0.0
	90	50	18.63	18.61	18.56	18.73	0	0.0
	90	99	18.43	18.56	18.57	18.60	0-1	0.0
	180	0	18.57	18.61	18.58	18.72		0.0
DFT-s-OFDM 16QAM	1	1	18.40	18.88	18.53	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.33	18.48	18.30	18.54	0-1.5	0.0

Table H-235
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.74	18.82	18.70	18.62	0	0.0
	1	81	18.62	18.83	18.73	18.80		0.0
	1	160	18.66	18.95	18.70	18.59		0.0
	81	0	18.61	18.82	18.67	18.65	0-0.5	0.0
	81	41	18.72	18.87	18.72	18.64	0	0.0
	81	81	18.64	18.91	18.74	18.69	0-0.5	0.0
	162	0	18.73	18.84	18.68	18.65		0.0
DFT-s-OFDM QPSK	1	1	18.69	18.86	18.76	18.61	0	0.0
	1	81	18.66	18.84	18.74	18.79		0.0
	1	160	18.65	18.93	18.81	18.67		0.0
	81	0	18.65	18.83	18.72	18.64	0-1	0.0
	81	41	18.74	18.85	18.75	18.63	0	0.0
	81	81	18.67	18.90	18.80	18.73	0-1	0.0
	162	0	18.75	18.88	18.72	18.65		0.0
DFT-s-OFDM 16QAM	1	1	18.73	18.95	18.98	18.73	0-1	0.0
CP-OFDM QPSK	1	1	18.63	18.69	18.77	18.50	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 205 of 218

Table H-236
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.63	18.85	18.82	18.64	18.69	0	0.0
	1	67	18.78	18.86	18.72	18.76	18.60		0.0
	1	131	18.67	18.97	18.79	18.90	18.60		0.0
	64	0	18.67	18.83	18.74	18.75	18.64	0-0.5	0.0
	64	35	18.70	18.88	18.73	18.77	18.63	0	0.0
	64	69	18.64	18.81	18.71	18.66	18.61	0-0.5	0.0
128	0	18.77	18.75	18.73	18.74	18.56	0.0		
DFT-s-OFDM QPSK	1	1	18.79	18.79	18.77	18.58	18.79	0	0.0
	1	67	18.86	18.81	18.74	18.77	18.58		0.0
	1	131	18.67	18.90	18.77	18.80	18.68		0.0
	64	0	18.77	18.77	18.73	18.71	18.68	0-1	0.0
	64	35	18.74	18.82	18.77	18.75	18.70	0	0.0
	64	69	18.61	18.76	18.71	18.68	18.70	0-1	0.0
128	0	18.72	18.76	18.69	18.74	18.71	0.0		
DFT-s-OFDM 16QAM	1	1	18.77	18.99	18.96	18.96	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.56	18.65	18.63	18.56	18.53	0-1.5	0.0

Table H-237
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.96	18.99	18.77	18.89	18.93	18.73	0	0.0
	1	53	18.70	18.84	18.71	18.82	18.83	18.70		0.0
	1	104	18.86	18.92	18.72	18.88	18.96	18.91		0.0
	50	0	18.79	18.84	18.68	18.79	18.71	18.63	0-0.5	0.0
	50	28	18.75	18.81	18.70	18.84	18.72	18.73	0	0.0
	50	56	18.79	18.92	18.70	18.85	18.80	18.80	0-0.5	0.0
100	0	18.75	18.89	18.68	18.78	18.77	18.74	0.0		
DFT-s-OFDM QPSK	1	1	18.88	18.89	18.64	18.90	18.90	18.78	0	0.0
	1	53	18.80	18.92	18.76	18.83	18.81	18.71		0.0
	1	104	18.87	18.96	18.79	18.89	18.87	18.93		0.0
	50	0	18.80	18.88	18.76	18.82	18.75	18.69	0-1	0.0
	50	28	18.74	18.88	18.79	18.76	18.74	18.74	0	0.0
	50	56	18.82	18.94	18.75	18.91	18.84	18.80	0-1	0.0
100	0	18.74	18.79	18.76	18.72	18.74	18.74	0.0		
DFT-s-OFDM 16QAM	1	1	18.76	18.91	18.85	18.95	18.98	18.89	0-1	0.0
CP-OFDM QPSK	1	1	18.98	18.86	18.75	18.77	18.83	18.60	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 206 of 218

Table H-238
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.72	18.76	18.71	18.52	18.59	18.51	0	0.0
	1	39	18.64	18.74	18.69	18.53	18.70	18.51		0.0
	1	76	18.64	18.90	18.59	18.69	18.66	18.60		0.0
	36	0	18.71	18.82	18.62	18.56	18.67	18.49	0-0.5	0.0
	36	21	18.66	18.74	18.65	18.47	18.64	18.48	0	0.0
	36	42	18.62	18.85	18.67	18.62	18.70	18.49	0-0.5	0.0
DFT-s-OFDM QPSK	75	0	18.79	18.85	18.60	18.53	18.63	18.58	0	0.0
	1	1	18.78	18.88	18.65	18.59	18.63	18.56		0.0
	1	39	18.74	18.86	18.61	18.58	18.67	18.57		0.0
	1	76	18.72	18.91	18.65	18.70	18.70	18.60	0-1	0.0
	36	0	18.72	18.82	18.63	18.56	18.73	18.53	0	0.0
	36	21	18.66	18.74	18.62	18.53	18.62	18.50	0	0.0
DFT-s-OFDM 16QAM	36	42	18.64	18.82	18.53	18.62	18.69	18.50	0-1	0.0
	75	0	18.77	18.81	18.60	18.53	18.64	18.50		0.0
CP-OFDM QPSK	1	1	18.69	18.96	18.94	18.81	18.77	18.75	0-1	0.0
CP-OFDM QPSK	1	1	18.82	18.77	18.50	18.47	18.44	18.42	0-1.5	0.0

Table H-239
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 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	18.67	18.63	18.66	18.45	18.65	18.63	0	0.0
	1	26	18.75	18.57	18.55	18.46	18.59	18.55		0.0
	1	49	18.68	18.76	18.56	18.56	18.66	18.60		0.0
	25	0	18.68	18.63	18.54	18.47	18.59	18.54	0-0.5	0.0
	25	13	18.71	18.61	18.48	18.45	18.56	18.51	0	0.0
	25	26	18.65	18.64	18.53	18.57	18.60	18.62	0-0.5	0.0
DFT-s-OFDM QPSK	50	0	18.80	18.62	18.55	18.43	18.56	18.53	0	0.0
	1	1	18.80	18.62	18.56	18.45	18.61	18.70		0.0
	1	26	18.81	18.60	18.54	18.34	18.56	18.59		0.0
	1	49	18.73	18.68	18.56	18.65	18.74	18.63	0-1	0.0
	25	0	18.77	18.62	18.51	18.55	18.58	18.56	0	0.0
	25	13	18.76	18.61	18.49	18.56	18.53	18.49	0	0.0
DFT-s-OFDM 16QAM	25	26	18.67	18.61	18.54	18.65	18.64	18.60	0-1	0.0
	50	0	18.78	18.62	18.55	18.56	18.54	18.54		0.0
CP-OFDM QPSK	1	1	18.75	18.86	18.77	18.78	18.87	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.64	18.50	18.40	18.36	18.51	18.37	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 207 of 218

Table H-240
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647168 (3707.52 MHz)	650700 (3760.5 MHz)	654234 (3813.51 MHz)	657766 (3866.49 MHz)	661300 (3919.5 MHz)	664832 (3972.48 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.54	18.61	18.51	18.43	18.56	18.55	0	0.0
	1	19	18.45	18.53	18.43	18.33	18.50	18.46		0.0
	1	36	18.53	18.66	18.51	18.53	18.49	18.60		0.0
	18	0	18.52	18.54	18.46	18.31	18.48	18.43	0-0.5	0.0
	18	10	18.49	18.56	18.41	18.38	18.52	18.42	0	0.0
	18	20	18.56	18.58	18.47	18.38	18.48	18.54	0-0.5	0.0
DFT-s-OFDM QPSK	36	0	18.55	18.57	18.47	18.28	18.56	18.45		0.0
	1	1	18.56	18.72	18.53	18.46	18.60	18.52	0	0.0
	1	19	18.58	18.64	18.43	18.36	18.56	18.49		0.0
	1	36	18.47	18.72	18.51	18.47	18.49	18.55		0.0
	18	0	18.51	18.56	18.44	18.33	18.54	18.47	0-1	0.0
	18	10	18.56	18.54	18.47	18.27	18.58	18.47	0	0.0
DFT-s-OFDM 16QAM	18	20	18.59	18.61	18.44	18.43	18.57	18.58	0-1	0.0
	36	0	18.56	18.56	18.44	18.33	18.61	18.49		0.0
CP-OFDM QPSK	1	1	18.73	18.54	18.75	18.65	18.84	18.79	0-1	0.0
CP-OFDM QPSK	1	1	18.47	18.66	18.37	18.27	18.46	18.44	0-1.5	0.0

Table H-241
NR Band n77 Antenna F C-Band Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647000 (3705 MHz)	650600 (3759 MHz)	654200 (3813 MHz)	657800 (3867 MHz)	661400 (3921 MHz)	665000 (3975 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.49	18.61	18.50	18.40	18.40	18.49	0	0.0
	1	12	18.60	18.71	18.56	18.55	18.47	18.52		0.0
	1	22	18.61	18.61	18.51	18.49	18.39	18.51		0.0
	12	0	18.50	18.59	18.43	18.46	18.46	18.47	0-0.5	0.0
	12	6	18.59	18.61	18.48	18.46	18.42	18.45	0	0.0
	12	12	18.58	18.59	18.44	18.44	18.41	18.43	0-0.5	0.0
DFT-s-OFDM QPSK	24	0	18.57	18.61	18.47	18.49	18.43	18.48		0.0
	1	1	18.48	18.67	18.53	18.42	18.49	18.49	0	0.0
	1	12	18.62	18.64	18.57	18.55	18.56	18.48		0.0
	1	22	18.61	18.62	18.55	18.47	18.48	18.48		0.0
	12	0	18.53	18.63	18.49	18.48	18.46	18.48	0-1	0.0
	12	6	18.61	18.60	18.46	18.51	18.46	18.49	0	0.0
DFT-s-OFDM 16QAM	12	12	18.59	18.61	18.46	18.49	18.41	18.47	0-1	0.0
	24	0	18.58	18.58	18.50	18.47	18.46	18.51		0.0
CP-OFDM QPSK	1	1	18.50	18.81	18.74	18.57	18.41	18.71	0-1	0.0
CP-OFDM QPSK	1	1	18.60	18.48	18.40	18.35	18.55	18.35	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 208 of 218

Table H-242
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.50	18.68	19.01	0	0.0
	1	123	18.89	19.25	19.45		0.0
	1	243	18.61	19.05	19.44		0.0
	120	0	19.04	18.84	19.16	0-0.5	0.0
	120	63	18.96	19.08	19.41	0	0.0
	120	125	18.65	19.07	19.46	0-0.5	0.0
	243	0	18.93	18.95	19.44		0.0
DFT-s-OFDM QPSK	1	1	18.64	18.77	19.19	0	0.0
	1	123	18.95	19.33	19.47		0.0
	1	243	18.61	19.07	19.50		0.0
	120	0	19.04	18.88	19.20	0-1	0.0
	120	63	18.99	19.19	19.43	0	0.0
	120	125	18.67	19.13	19.27	0-1	0.0
	243	0	18.95	18.99	19.40		0.0
DFT-s-OFDM 16QAM	1	1	18.89	19.00	19.04	0-1	0.0
CP-OFDM QPSK	1	1	18.47	18.61	18.83	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 209 of 218

Table H-243
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.49	18.75	19.09	0	0.0
	1	109	19.03	19.31	19.41		0.0
	1	215	18.51	18.91	19.25		0.0
	108	0	18.93	18.92	19.20	0-0.5	0.0
	108	55	18.97	19.15	19.34	0	0.0
	108	109	18.71	19.10	19.36	0-0.5	0.0
	216	0	18.90	19.01	19.21		0.0
DFT-s-OFDM QPSK	1	1	18.58	18.77	19.02	0	0.0
	1	109	19.14	19.34	19.40		0.0
	1	215	18.60	18.93	19.26		0.0
	108	0	18.99	18.97	19.21	0-1	0.0
	108	55	19.02	19.21	19.32	0	0.0
	108	109	18.74	19.05	19.43	0-1	0.0
	216	0	18.95	19.07	19.29		0.0
DFT-s-OFDM 16QAM	1	1	18.92	19.00	19.20	0-1	0.0
CP-OFDM QPSK	1	1	18.42	18.67	19.18	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 210 of 218

Table H-244
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.49	18.57	19.30	19.16	0	0.0
	1	95	19.31	18.78	19.07	19.45		0.0
	1	187	18.46	19.29	19.11	19.35		0.0
	90	0	19.04	18.60	19.17	19.20	0-0.5	0.0
	90	50	19.08	18.85	19.05	19.42	0	0.0
	90	99	18.76	19.12	19.03	19.34	0-0.5	0.0
	180	0	18.99	18.82	19.15	19.37		0.0
DFT-s-OFDM QPSK	1	1	18.63	18.68	19.46	19.23	0	0.0
	1	95	19.27	18.92	19.06	19.50		0.0
	1	187	18.56	19.32	19.14	19.34		0.0
	90	0	19.07	18.62	19.26	19.30	0-1	0.0
	90	50	19.20	18.86	19.07	19.44	0	0.0
	90	99	18.82	19.14	19.10	19.41	0-1	0.0
	180	0	19.00	18.85	19.17	19.42		0.0
DFT-s-OFDM 16QAM	1	1	18.90	18.82	19.50	19.40	0-1	0.0
CP-OFDM QPSK	1	1	18.45	18.42	19.39	18.61	0-1.5	0.0

Table H-245
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.86	18.80	19.43	19.28	0	0.0
	1	81	19.30	19.15	19.07	19.40		0.0
	1	160	18.97	19.38	19.24	19.47		0.0
	81	0	19.17	18.85	19.28	19.39	0-0.5	0.0
	81	41	19.26	19.04	19.14	19.47	0	0.0
	81	81	19.22	19.30	19.10	19.42	0-0.5	0.0
	162	0	19.27	19.07	19.19	19.42		0.0
DFT-s-OFDM QPSK	1	1	18.79	18.86	19.40	19.30	0	0.0
	1	81	19.28	19.24	19.15	19.50		0.0
	1	160	18.90	19.45	19.18	19.38		0.0
	81	0	19.21	18.90	19.25	19.40	0-1	0.0
	81	41	19.26	19.06	19.09	19.38	0	0.0
	81	81	19.08	19.32	19.14	19.47	0-1	0.0
	162	0	19.17	19.08	19.18	18.90		0.0
DFT-s-OFDM 16QAM	1	1	19.12	19.11	19.49	19.49	0-1	0.0
CP-OFDM QPSK	1	1	18.68	18.66	19.45	19.18	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 211 of 218

Table H-246
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.75	18.94	18.76	18.97	19.09	0	0.0
	1	67	19.25	18.81	19.34	19.09	19.17		0.0
	1	131	18.96	18.88	19.19	19.20	19.18		0.0
	64	0	18.99	18.80	18.89	18.97	19.07	0-0.5	0.0
	64	35	19.22	18.86	19.20	19.06	19.12	0	0.0
	64	69	19.18	18.89	19.20	18.92	19.10	0-0.5	0.0
128	0	19.15	18.93	19.11	19.07	19.07	0.0		
DFT-s-OFDM QPSK	1	1	18.83	19.11	18.78	19.07	19.04	0	0.0
	1	67	19.27	18.90	19.32	18.86	19.14		0.0
	1	131	19.07	19.00	19.10	19.02	19.20		0.0
	64	0	18.98	18.85	18.96	18.81	19.06	0-1	0.0
	64	35	19.21	18.81	19.24	18.90	19.10	0	0.0
	64	69	19.22	18.80	19.24	18.87	19.10	0-1	0.0
128	0	19.19	18.84	19.12	18.93	19.02	0.0		
DFT-s-OFDM 16QAM	1	1	18.86	18.90	19.02	19.26	19.28	0-1	0.0
CP-OFDM QPSK	1	1	18.90	18.85	18.56	18.96	18.94	0-1.5	0.0

Table H-247
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.76	19.06	19.02	19.13	19.24	19.33	0	0.0
	1	53	19.14	18.81	18.79	19.06	19.20	19.41		0.0
	1	104	19.23	18.79	19.32	19.03	19.30	19.44		0.0
	50	0	18.98	18.96	18.77	19.14	19.09	19.28	0-0.5	0.0
	50	28	19.15	18.81	18.82	19.10	19.15	19.39	0	0.0
	50	56	19.28	18.74	19.09	19.11	19.20	19.42	0-0.5	0.0
100	0	19.09	18.85	18.95	19.08	19.18	19.39	0.0		
DFT-s-OFDM QPSK	1	1	18.90	19.09	19.02	19.29	19.24	19.35	0	0.0
	1	53	19.29	18.84	18.80	19.13	19.24	19.45		0.0
	1	104	19.31	18.83	19.32	19.06	19.36	19.42		0.0
	50	0	18.99	18.92	18.81	19.21	19.13	19.28	0-1	0.0
	50	28	19.15	18.81	18.84	19.13	19.20	19.42	0	0.0
	50	56	19.20	18.76	19.16	19.10	19.28	19.44	0-1	0.0
100	0	19.07	18.84	19.29	19.12	19.20	19.41	0.0		
DFT-s-OFDM 16QAM	1	1	19.18	19.22	18.96	19.27	19.37	19.50	0-1	0.0
CP-OFDM QPSK	1	1	18.77	18.84	19.09	19.15	18.90	19.32	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 212 of 218

Table H-248
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.81	19.03	19.21	19.08	18.97	19.32	0	0.0
	1	39	19.02	18.86	18.78	19.03	19.15	19.40		0.0
	1	76	19.28	18.86	18.86	19.00	19.19	19.38		0.0
	36	0	18.89	18.95	18.91	19.10	19.07	19.32	0-0.5	0.0
	36	21	19.00	18.84	18.77	19.05	19.04	19.31	0	0.0
	36	42	19.25	18.82	18.60	19.02	19.14	19.34	0-0.5	0.0
DFT-s-OFDM QPSK	75	0	19.15	18.90	18.83	19.02	19.08	19.42	0	0.0
	1	1	18.92	19.11	19.14	19.15	19.04	19.38	0	0.0
	1	39	19.17	18.94	18.80	19.07	19.11	19.39		0.0
	1	76	19.30	18.84	18.86	18.99	19.21	19.34		0.0
	36	0	18.80	18.98	18.94	19.14	19.12	19.36	0-1	0.0
	36	21	18.95	18.84	18.78	19.00	19.07	19.37	0	0.0
DFT-s-OFDM 16QAM	36	42	19.22	18.83	18.68	19.05	19.16	19.31	0	0.0
	75	0	19.11	18.89	18.88	19.07	19.09	19.37	0-1	0.0
CP-OFDM QPSK	1	1	18.58	18.90	18.80	19.05	19.46	19.31	0-1.5	0.0

Table H-249
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 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	18.77	18.96	18.67	19.06	19.05	19.45	0	0.0
	1	26	18.96	18.81	18.71	18.88	19.00	19.31		0.0
	1	49	19.17	18.96	19.00	18.97	19.11	19.44		0.0
	25	0	18.78	18.84	18.62	18.99	18.94	19.33	0-0.5	0.0
	25	13	18.96	18.76	18.66	18.97	18.94	19.29	0	0.0
	25	26	19.18	18.77	18.90	18.95	19.10	19.36	0-0.5	0.0
DFT-s-OFDM QPSK	50	0	18.97	18.57	18.72	18.94	18.95	19.33	0	0.0
	1	1	18.78	18.78	18.73	19.06	18.99	19.45	0	0.0
	1	26	18.96	18.61	18.68	18.91	19.07	19.36		0.0
	1	49	19.28	18.85	19.06	18.95	19.11	19.39		0.0
	25	0	18.82	18.65	18.65	19.01	19.01	19.36	0-1	0.0
	25	13	18.94	18.60	18.73	18.93	18.97	19.29	0	0.0
DFT-s-OFDM 16QAM	25	26	19.15	18.80	18.84	18.96	19.06	19.36	0-1	0.0
	50	0	18.97	18.61	18.80	18.92	18.98	19.40	0	0.0
CP-OFDM QPSK	1	1	18.60	18.81	18.62	19.04	18.90	19.27	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 213 of 218

Table H-250
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647168 (3707.52 MHz)	650700 (3760.5 MHz)	654234 (3813.51 MHz)	657766 (3866.49 MHz)	661300 (3919.5 MHz)	664832 (3972.48 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.65	18.88	18.73	19.08	19.05	19.43	0	0.0
	1	19	18.92	18.70	18.67	18.94	19.14	19.34		0.0
	1	36	19.14	18.82	19.09	19.03	19.21	19.41		0.0
	18	0	18.70	18.70	18.66	19.00	19.04	19.31	0-0.5	0.0
	18	10	18.90	18.66	18.70	18.93	19.14	19.26	0	0.0
	18	20	19.15	18.69	18.93	19.02	19.15	19.37	0-0.5	0.0
	36	0	18.94	18.75	18.74	18.94	19.12	19.34		0.0
DFT-s-OFDM QPSK	1	1	18.63	18.94	18.79	19.11	19.09	19.47	0	0.0
	1	19	18.78	18.72	18.73	18.97	19.12	19.42		0.0
	1	36	18.99	18.85	19.08	19.03	19.17	19.46		0.0
	18	0	18.59	18.78	18.65	19.02	19.05	19.44	0-1	0.0
	18	10	18.74	18.74	18.76	18.98	19.14	19.37	0	0.0
	18	20	18.95	18.74	18.94	19.05	19.17	19.44	0	0.0
	36	0	18.75	18.75	18.81	18.97	19.17	19.38	0-1	0.0
DFT-s-OFDM 16QAM	1	1	18.86	19.17	19.00	19.35	19.41	19.50	0-1	0.0
CP-OFDM QPSK	1	1	18.85	18.85	18.61	19.08	19.07	19.23	0-1.5	0.0

Table H-251
NR Band n77 Antenna E C-Band Measured P_{Limit} for all DSI - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647000 (3705 MHz)	650600 (3759 MHz)	654200 (3813 MHz)	657800 (3867 MHz)	661400 (3921 MHz)	665000 (3975 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.39	18.74	18.61	18.90	19.12	19.34	0	0.0
	1	12	18.58	18.68	18.70	19.02	19.11	19.26		0.0
	1	22	18.75	18.86	18.86	18.88	19.08	19.21		0.0
	12	0	18.38	18.59	18.43	18.92	19.05	19.28	0-0.5	0.0
	12	6	18.54	18.57	18.51	18.90	19.10	19.24	0	0.0
	12	12	18.65	18.66	18.60	18.86	19.07	19.19	0-0.5	0.0
	24	0	18.58	18.59	18.56	18.94	19.07	19.26		0.0
DFT-s-OFDM QPSK	1	1	18.38	18.66	18.53	18.92	19.06	19.31	0	0.0
	1	12	18.62	18.61	18.66	18.92	19.17	19.28		0.0
	1	22	18.75	18.82	18.89	18.93	19.04	19.22		0.0
	12	0	18.37	18.65	18.51	18.96	19.07	19.29	0-1	0.0
	12	6	18.52	18.68	18.59	18.97	19.09	19.26	0	0.0
	12	12	18.64	18.70	18.68	18.99	19.03	19.31	0-1	0.0
	24	0	18.53	18.63	18.82	19.01	19.10	19.32		0.0
DFT-s-OFDM 16QAM	1	1	18.56	18.91	18.75	19.24	19.35	19.50	0-1	0.0
CP-OFDM QPSK	1	1	18.19	18.53	18.66	18.94	19.02	19.34	0-1.5	0.0

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 214 of 218

Table H-252
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth			
Channel			
Modulation	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	14.77	14.67	15.13
SRS#4 Ant D	14.95	14.95	14.72

Table H-253
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth			
Channel			
Modulation	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)
	Conducted Power [dBm]		
SRS#3 Ant G	14.71	14.75	15.18
SRS#4 Ant D	14.99	14.96	14.67

Table H-254
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth				
Channel				
Modulation	649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)
	Conducted Power [dBm]			
SRS#3 Ant G	14.78	14.67	14.78	15.11
SRS#4 Ant D	15.11	15.00	14.90	14.46

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 215 of 218

Table H-255
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth				
Channel				
Modulation	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)
	Conducted Power [dBm]			
SRS#3 Ant G	14.70	15.00	14.91	15.07
SRS#4 Ant D	15.15	14.98	14.87	14.34

Table H-256
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth					
Channel					
Modulation	648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)
	Conducted Power [dBm]				
SRS#3 Ant G	14.85	14.66	14.83	14.87	14.96
SRS#4 Ant D	15.16	14.95	14.94	14.88	14.33

Table H-257
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Channel						
Modulation	648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)
	Conducted Power [dBm]					
SRS#3 Ant G	14.98	14.70	14.66	14.75	15.02	15.19
SRS#4 Ant D	15.48	15.26	15.38	15.25	14.68	14.66

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 216 of 218

Table H-258
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
Channel						
Modulation	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]					
SRS#3 Ant G	15.12	14.93	15.02	14.80	15.10	15.17
SRS#4 Ant D	15.53	15.34	15.47	15.32	15.17	14.73

Table H-259
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
Channel						
Modulation	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]					
SRS#3 Ant G	15.11	15.03	15.10	15.00	15.08	15.21
SRS#4 Ant D	15.58	15.26	15.42	15.29	14.65	14.72

Table H-260
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
Channel						
Modulation	647168 (3707.52 MHz)	650700 (3760.5 MHz)	654234 (3813.51 MHz)	657766 (3866.49 MHz)	661300 (3919.5 MHz)	664832 (3972.48 MHz)
	Conducted Power [dBm]					
SRS#3 Ant G	15.14	15.06	15.04	15.03	15.13	15.28
SRS#4 Ant D	15.57	15.29	15.45	15.29	14.87	14.63

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 217 of 218

Table H-261
NR Band n77 Antenna G, D C-Band Measured P_{Limit} for all DSI – 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
Channel						
Modulation	647000 (3705 MHz)	650600 (3759 MHz)	654200 (3813 MHz)	657800 (3867 MHz)	661400 (3921 MHz)	665000 (3975 MHz)
	Conducted Power [dBm]					
SRS#3 Ant G	15.20	14.99	14.99	15.15	15.25	15.18
SRS#4 Ant D	15.55	15.25	15.39	15.25	15.13	14.65

FCC ID A3LSMF936U	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX H: Page 218 of 218